students' regular developmental patterns. on the way to helping us state specific syntactic "use" goals on the basis of one who refers to the study by Mr. Hunt will find that such investigation is well us to make definite statements about many particulars of the pattern, but anyhave for the student in this area. The research to date is not adequate to allow development, we have a sound basis on which to decide what goals we should dents change. If we know what comes after what in the normal course of tutes better syntax, but can rather be based on specific knowledge of how stuimprove his syntax need not be based on arbitrary criteria about what constischool students. His findings suggest that a teacher's attempts to help a student an extension of the pattern that is evident in the development of secondary in use as students grow. Also, the patterns of professional writers seem to be He found that specific structures and sentence patterns increase or decrease professional writers in an attempt to describe the patterns of development.14

the problem of effective approaches to the student's usage and syntax probshould learn, we may be unable to teach it effectively. We are still faced with tax. Even though we may be able to determine precisely what the student no matter when the problems occur. The same may very well be true for synlittle value since English teachers have been unable to teach correct usage made with what frequency at what grade levels. But this knowledge was of was done on "usage errors." Voluminous studies report what errors were However, in the early 1900s a great deal of research of the same kind

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SUGGESTIONS FOR FURTHER READING

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The Structures of Language Grammar:

language were discovered." "Virtually no sequential or well-planned programs in "largely for their reputation in English," could write: and Applebee who, after studying 158 high schools chosen schools. Increasingly, however, this practice is being discretion. Two decades ago this was the situation in most lished High School English Instruction Today by Squire abandoned, and the grammar curriculum is a no man's of study has been designed, a textbook has been chosen, land where fewer and fewer combatants dare enter. In tory, and very little has been left to the individual teacher's man, the principal, or the curriculum committee. A course grammar have been simplified by the department chair 1968 the National Council of Teachers of English pubthe topics that must be covered have been made manda-Many teachers find that their problems related to teaching

limiting the time that is available for the alternatives? composition, why select grammar for attention, thus content at all; and in view of all the available content alternatives in language study, as well as in literature and must consider his purposes: why should he teach this to language structures and their relationships only, he are, strictly speaking, matters of usage and not grammar teaching one on his own. First he must narrow the field, (see Chapter 17). Limiting the concept of grammar, then, recognizing that spelling, punctuation, and capitalization in his school, he must consider carefully the wisdom of Should a teacher find that no grammar program exists

part, the teaching of error is all but inevitable. absence of appropriate training in grammar on the teacher's cumbent upon any teacher not to teach error. In the ing institutions do not offer courses in grammar. It is intrained to teach grammar. Even today many teacher trainindicate that most English teachers are not adequately published by the National Council of Teachers of English2 satisfactory way-no easy task!-he must deal with one far more telling: Is he equipped to do the job? Two studies Assuming he can answer the questions of purpose in a

> rate of change has been accelerating. These changes involve the whole of the growing, most dynamic and exciting area in all of English studies. The confundamental philosophical views of the nature of languages and language discipline from techniques of analysis, to the results of the analyses, to the ventions and dominant points of view have been in continuous flux, and the During the past three decades grammar scholarship has been the fastes:

once regarded as basic truth. and physics would allow his students to learn what is now error but what was try texts asserting that matter and energy were only and always separate enschool experience in traditional school texts. Or more realistically, assume ground in the science. Such is the English teacher with only his own high remote place had only a textbook in alchemy to guide him and no other backan analogy. Let us suppose a teacher assigned to teach chemistry in some A chemistry teacher who was himself untrained in contemporary chemistry tities and that there were ninety-two elements in existence once and for all that in some far place the schools had only pre-World War II vintage chemis-The implications for public school teachers can best be understood through

sufficient training. Even if he is conversant with the matters named and like simply unequipped to do the job honestly. any choice, most English teachers must not teach grammar because they are mar that no longer enjoys the approval of grammar specialists. In short, given structural linguistics taken in the early '60s, for example, will teach a grammust perforce delegate instruction in grammar to his colleagues who have segmental phonemes, deletion transformations, and linguistic universals, he of a class text, in such matters as allomorphs of morphemes, paradigms, deep risk of teaching error. A person who is informed only by his coursework in arcana, if he does not stay abreast of developments in the field, he runs the structures and embedded sentences, marked and unmarked forms, supra-If today's English teacher cannot deal directly, with or without the aid

ship.3 Then, too, as noted above, even an informed teacher must deal with texts suffer from an apparently unavoidable cultural lag in grammar scholarsidered in some detail below. in much of his teaching since even the most recent secondary school gramman the question of purpose in teaching grammar, and this question will be con-Even the teacher who has sufficient training will be left to his own devices

might be the grammar that has come to be known as structural linguistics be the traditional school grammar familiar to us all. The second alternative be limited to one of three types of grammar and that his text in each case a teacher, whether trained or not, may be required to do some grammar has organized the instructional sequences for him. One alternative might teaching in his classes. If this is the case, he will certainly find that he will The third might be transformational generative grammar. Let us examine To return to the situation described in the first paragraph of this chapter

nant point of view of the school, the pedagogical purposes ascribed to the each alternative in terms of the character of its academic tradition, the domiteaching, and typical lesson materials and procedures.

Traditional School Grammar

quently be found in carcless users of the vernacular. The written language is viewed as the true language. an unfortunate tendency towards the debasement of English that can freespecially his writing, will not display incorrect forms and thus contribute to grammar as prescriptions for the student to follow so that his speaking, and archetypes. The intention of the grammarian is to present the rules of the modeled on these, and English is seen as an imperfect imitation of these purer roots in the classical grammars of Latin and Greek, the school grammar is The academic influence of traditional school grammar in the English language has been traced to the eighteenth century. Having its

is to apply the definitions in a deductive analysis of syntax. be identified by reference to a set of definitions, and the instructional approach contemporary treatments, eight parts of speech. Each of these structures may and phrasal structures, subjects, predicates, complements and, in the most The sentence is the key form in analysis, and that analysis yields clausal

come back to him. pages ahead of his students, and with the most moderate application, all will hazy about some of the niceties in the analyses, he need simply stay a few appropriate textbooks will be provided for student use. Should the teacher be even earlier. In schools where teachers are required to continue this tradition, conception, and the school student first encounters it in the third grade or The tradition has been maintained with only minor variations since its

modern grammarians, most notably Charles C. Fries. 5 speaking and writing of the majority of students. In addition to these studies, studies relating to all phases of instruction and its lack of carry-over to the the logical inconsistencies in the system have been demonstrated by many has been thoroughly discredited by the empirical evidence of hundreds of As Chapter 17 indicates, this form of grammar and the implied instruction

spelling, punctuation, and capitalization—in all likelihood his superiors will be unaware of the distinction and, in possibly invincible ignorance, will resist the distinction between syntactic analysis and the study of usage including obtain a major curriculum change. In this case he must make absolutely clear the research data and the theoretic attacks on the grammar in an effort to it is his professional responsibility to bring to the attention of his superiors mize the time and energy that he and his classes expend on it. Additionally, If a teacher is required to teach this kind of grammar, he should mini-

Structural Linguistics

pean languages, one of which, of course, is English. same principles were applied to previously-known languages, including Eurosiderations. Over the years such techniques were developed, and later the be, as far as possible, free of reliance on translation or other semantic conthrough the medium of translation, which is an unreliable procedure at best example—was encountered, it was often not possible to describe the language ship-such as the languages of interior South America and Indonesia, for descriptive linguistics, this school had its origins in the nineteenth-century Therefore, the techniques used in describing and analyzing languages had to primitive languages, these workers developed techniques for describing them. work of cultural anthropologists and philologists.6 In dealing with exotic and structural linguistics as the grammar that must be studied. Sometimes called in textbooks, a teacher may find that his curriculum has a commitment to Whenever a language previously unknown to European or American scholar-It may be the case that as a result of a capital investment

"guest," and "ghost" were once the same word.) standing or analyzing current English that historically the words "host," aware of the history of his language. (For example, it matters little in underthe language under study. This procedure implies the dominant philosophical view that language is what comes out of the mouth of a speaker. There are without reference to historical influences on it since any speaker may be untempt to reproduce a spoken language; the current language must be analyzed two important corollaries to this axiom: a written language is merely an atusing a phonetic alphabet with various diacritical markings. Today, field recording what he said. Originally, the recording was done by hand and by workers use tape recorders for the recording, but the speaker must be native to The basic technique involved finding a native speaker of a language and

of a language is a description of all the elements in each of these levels. structures and substructures such as clauses and phrases). Thus the grammar and parts of words that carry distinctive meaning), and the syntactic (sentence the phonological (significant sounds or alphabet), the morphological (words phonetic form, the sample—called a corpus—is analyzed into three levels, When a sufficient sample of the spoken language has been collected in its

mask an appeal to meaning. That is, although the linguist may not know the meaning of a foreign language, his use of a native informant to make accomplished strictly on the basis of structural criteria as this discussion claim that phonological, morphological, and syntactic classification can be classifications of observed data. This discussion purposely skirts the conimplies. Others would just as strongly contend that the structural techniques troversy over the use of "meaning" in linguistic analysis. Some linguists would for the analysis of language. Instead, it uses structural criteria to establish In summary, structural linguistics rejects the use of meaning as a criterion

knowledge of meaning.7 contrastive discriminations necessarily depends upon the native informant's

inclusion under this heading. necessarily involved in the analysis of differences among native speakers. Alis actually used by native speakers, structural linguistics becomes almost and specialists, its close alliance to structural linguistics has led to its usual though the study of dialect patterns is a discipline with its own techniques With its strong emphasis on oral language and the facts of language as it

freeing it from the incorrect, imprecise prejudices of early approaches and upon the study of language because it gives a more scientific base to that study, allowing a more accurate description of language. morphology, syntax, and dialectology. The discipline has had a profound effect These, then, are the basic areas of structural linguistics-phonology

tures in the language as it is observed in the speech of native speakers. The purpose for studying grammar, then, is simply to describe the struc-

it is often necessary to expose the weaknesses of those preconceptions. of morphology. Since most students will know the traditional parts of speech sounds. Here are three sample exercises with parts of speech, in the domain Ordinarily, secondary school teaching will ignore the level of significant

WORKSHEET

What part of speech do we usually call the following words?

tavi	window	table	top	motor	toy	door	barn	
†	windows	tables	tops	motors	toys	doors	barns	

As what part of speech are the underlined words used in sentences? the following

- The barn door is open.
- The door handle was broken.
- The toy soldier stood on the shelf.
- He bought a boat motor. He bought a motor driven toy.
- The table top was too high for the little boy to reach
- The top table was too high for the little boy to reach.

 The window washer unhooked his safety strap.
- The taxi driver looked tired

situations. These concepts can be extended by asking students to use them in other

WORKSHEET

Name the part of speech of the underlined words:

This joke will floor you.

We must table the motion until the next meeting

A painting mirrors the real world.

We should bottle this sunshine.

I picture her as a blond.

The police will book him for hitchhiking

You must face the problem.

You shouldn't horn in on the conversation

We can nail it shut.

They will page you on the loudspeaker.

would you call them? Why? If you saw the underlined words without a context, what part of speech

Put an X through the noun or pronoun that comes before the underlined

word in each sentence. before the main verb position? kind of word do we usually call them? What two kinds of words often come Circle the other words that come before the underlined words. What

speech. Such nonsense makes the point that they must be responding to clues other approach is the use of nonsense language. In a sentence such as "The use of positional and formal characteristics as bases for discriminating classes other than the "meaning" of words. With such an example, we observe the farplest brugerts grubbled forpingly" students can easily identify parts of of words. If the students are determinedly attached to the traditional definitions, an-

weaknesses, specifically that they are too vague to be operational, that they do such as position and form that are not made explicit. With these reservations, not distinguish between form and function, and that they rely on other criteria definitions of parts of speech. The point is, rather, that such definitions have teacher that the traditional definitions are extremely difficult to work with. approach to the structure of language will be equally applicable to the other are based. Also, this procedure of identifying the weaknesses of a particular the students may continue to use the intuitions on which traditional definitions After such discussion, however, it is not necessary to discard the traditional of language structure, so students should get into the habit of discovering both approaches. No presently available grammatical system solves all the problems Enough of this kind of instruction effectively convinces both students and

WORKSHEET 9.40 1. boy Column A branch book church dog girl books dogs boy<u>s</u> girl<u>s</u> branches Column B churches

changes "mean" the same thing by building two positions, or frames, one for Column A and the 5 through 8. But we can show that the different other for Column B. not the same for items 1 through 4 as it is for The change from Column A to Column B is

Column B frame: Two_ Column A frame: One are here. is here.

the word that shows the change. By using these two frames, fill in Column B for items 9 through 12. Underline the part of

the same "meaning." Build three frames that will show that all the changes in these words have 12. mouse

tooth

10. child

9 œ

man

. ditch

trench

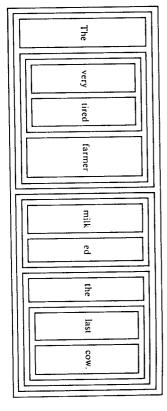
trenches

Column A swim	Column C swam	Column E
fold	folded	folding
sleep	slept	sleeping
nght Column A frame:	fought	fighting
Column C frame:		
Column C Irame:		

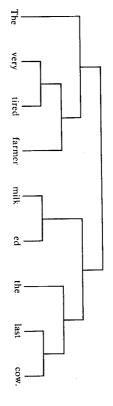
Column E frame:

unbiased way. reasonably well destroyed, the class can continue their study of language in an teacher wants them to take something for granted. But with preconceptions deal with. Their rigor and questioning will be extremely disconcerting if the ever, that students who have thus been put on their guard will be difficult to categories and relationships in language. The teacher should be warned, howning, both students and teacher are free to suggest and test assumptions about weaknesses and strengths. Such procedures also suggest the kind of testing that is appropriate to possible language principles. From this kind of begin-

sentence may be analyzed by dichotomous cuts to the level of individual words, and sometimes morphemes. This is an illustration: analysis, usually abbreviated IC analysis. This method assumes that the within the sentence, but the most common one is immediate constituent Structural linguists use many approaches to the analysis of relationships



and clearly illustrated by a branching tree diagram as follows: The diagram is often referred to as "Chinese boxes" and is far more easily



as is the case with the familiar sentence diagrams of traditional school gramexample, the reader might try to develop a nice, neat tree diagram for the mar. However, this advantage is not always possible with IC analysis. For not require that the word order of the sentence be changed to fit the analysis to the class. Presumably, the strength of IC analysis is that the technique does tice exercise material is cautioned to test sentences before presenting them not, and the teacher left to his own devices in the matter of producing prac-Although many sentences yield nicely to this kind of diagramming, many do

I first saw them working on the road

the road" belongs, "I" or "them." The problem, of course, is deciding with which constituent "working on

Transformational-Generative Grammar

mars burst into full bloom with the publication of Chomsky's Syntactic Structures in 1957.8 In addition to the problems involved in the IC analysis American interest in transformational-generative gram-

Chomsky pointed out a number of other difficulties. of such ambiguous sentences as "I first saw them working on the road,"

clusters), but for some deeper reason. Likewise no English speaker would can house, although each word is an English word. themselves unpronouncable in English (since "swirl" contains the same asterisk preceding a hypothetical form is a convention used in language notaobservations, can never explain utterances that can not occur in a language does it predict what other sentences might be formed. Beyond not explaining guage is not simply the spoken language. Any corpus can never represent damental nature of language. Transformational grammarians hold that lanproduce such a sentence as: *running stops of into tables from nothing over tion). The form *rlisw cannot occur, not because the consonant clusters are For example, no English speaker would ever produce a word like *rlisw (the what could occur, descriptive techniques, because they are limited to actual be, that description does not explain how the sentences were formed nor Furthermore, however accurate a description of what has been heard might to say. Thus, any recorded corpus of actual speech is essentially accidental anyone says will represent only a selection of all that it is possible for him the whole language no matter how large that corpus might be. Whatever The central difficulty of structural linguistics is the basic view of the fun-

above) in generalizing rules about relationships of clusters within a sentence For example, one adjective frame in English is as follows: There are limitations to the use of frames (as in the third worksheet

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structuralists' avoidance of meaning and reliance on structure in analysis results in a failure of frames to account for such idiosyncracies of language. will fit only as a metaphor and "young" will not fit at all, since the semantically appropriate contrast for "old" with inanimate nouns is "new." The we find that while "old," and possibly "decrepit" will fit into the slot, "happy" "old," "young," "decrepit," or "happy," as examples. However, if the noun in the phrase is changed to "typewriter" yielding "the __ Many adjectives will fit into the slot in such a phrase as "the typewriter,"

omy of langue and parole as the source of this view of the nature of language.9 regard the ideas of Ferdinand de Saussure who developed a similar dichotepiphenomenal evidence of the existence of the abstract language. Many served utterances, transformational grammars present the view that a language is an abstract entity and that the utterances actually spoken represent Rejecting the view that the whole of language is contained in actually ob-

plicitly what the rules of this grammar are. guage. Through his experience with his language the native speaker intuits the grammar of his language. The task of the grammarian is to state ex-Any grammar of a language should be understood as a theory of that lan-

An English sentence is seen in essence as a "deep structure" containing

ing; etc." sible surface structures that the grammar might generate: "A boy plays; a boy tually occurs: "The boy is playing." This sentence is only one of many posact upon this deep structure and result in the "surface structure" that acdoes play; a boy was playing; was a boy playing; where is the boy playelements of semantic content such as *boy play. The rules of the grammar

state these rules so that they have the widest possible generality in their explain how surface structures are generated from deep structures and to writing, at least at the present stage of development of the science. For should be related to the psychological processes behind human speech or application. It should be clearly understood that this grammar in no way example, Emmon Bach wrote in 1964: The purpose of studying grammar, then, is to develop the rules that will

speaker or hearer)."10 "A grammatical theory is not a direct model of the user of a language (either

Chomsky wrote in 1965:

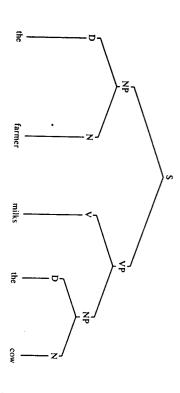
edge of the language that provides the basis for actual use of language by a hearer. It attempts to characterize in the most neutral possible terms the knowlwhile to reiterate that a generative grammar is not a model for a speaker or a speaker-hearer."11 "To avoid what has been a continuing misunderstanding, it is perhaps worth-

Ronald Wardhaugh wrote in 1969:

speakers produce sentences; generate and produce are not synonymous. It may sentences. The rules are not rules of behavior, nor do they have any necessary by speakers—that is, a model of what speakers actually do in constructing intended to be a model of how sentences are actually produced or understood grammar and its rules are not a characterization of performance. They are not "It is important to reemphasize one crucial point about grammar and rules. The eventually prove to be the case that the rules do correlate closely with psypsychological correlates. Grammars generate sentences and descriptions; performance model of language in some very simple way, but so far it is not clear how linguistic competence relates to the various kinds of linguistic chological processes, but at the present time no such correlation is claimed for them. It may be the case, too, that a competence model of language underlies a

a student has mastered certain fundamental concepts: he knows what the being able to identify them in sentences; he knows what a well-formed Engparts of speech are and can define these in an unambiguous way as well as Instruction in transformational grammar begins with the assumption that

lish sentence is and what clauses and phrases are. The common procedure is to present unproblematical sentences for IC analysis by students who use tree diagrams. Next, students are taught a notation system that makes a branching tree diagram a more general statement of relationship. Take, for example, a simpler version of the sentence used earlier: The farmer milks the cow.



The abbreviations at the nodes of the branches have the following meanings:

$$S = sentence$$
; $NP = noun$ phrase; $VP = verb$ phrase; $D = determiner$; $N = noun$; $V = verb$.

When skill in such diagramming of simple declarative sentences is evident, the class is taught to reduce these to algebra-like formulations:

$$S \longrightarrow NP_1 + VP$$

$$NP_1 \rightarrow D + N_1$$

$$VP \rightarrow V + NP_2$$

$$NP_2 \rightarrow D + N_2$$

$$D \longrightarrow \text{the}$$

$$V \longrightarrow \text{milks}$$

$$N_1 \longrightarrow \text{farmer}$$

$$N_2 \longrightarrow \text{cow}$$

The abbreviations have the same meaning as in the tree diagram, and the arrow should be read as: "may be rewritten as." Thus the student has learned to use "rewrite rules" in formulating an abstract analysis of a sentence.

The next step is to recognize that any simple declarative sentence having the verb in the active voice will always have as constituents the elements NP + VP, and that the irreducible kernels of these constituents will be a noun and a verb respectively. Thus the fundamental components of the deep structure as presented in current secondary texts, are the noun and the verb.

The next step is learning how surface structures are generated from deep structures. Given the same elements of the deep structure, farmer and milk, how is the following surface structure generated?

Does the farmer milk the cow?

From the deep structure, "farmer milk," the surface structure, "the farmer milks the cow," was generated. If different rules had been applied, the surface structure, "the farmer does milk the cow," would have been generated. It is clear that one rule is necessary to transform the "milk" of the deep structure to "does milk" in the surface structure, a rule that governs introducing the auxiliary "does." In order to introduce the appropriate auxiliary, it is necessary to supply information about tense with the semantic input of the verb in the deep structure. Since "is milking" is an acceptable option to "does milk" a selectional rule is also applied to the deep structure.

In order to generate the question, in addition to transforming the verb to verb + auxiliary, it is necessary to use a rule that shifts the auxiliary to a position before "farmer" in the surface structure. Rewrite rules cannot account for introducing auxiliaries and shifting them about in generating surface structures. The generic name for the new rules is "transformational" rules, hence the characterization "transformational generative" grammars. (In passing, it is interesting to note that De Saussure among others has proposed generative grammars that are not transformational in character, but that propose other theories explaining how sentences are generated. 13)

The formulation that expresses the generation of "Does the farmer milk the cow" from the deep structure "farmer milk" is the following:

$$\begin{array}{c} Q \text{ yes/no} \\ \text{farmer} + \text{milk} + \text{present} & \xrightarrow{} \text{does the farmer milk the cow} \end{array}$$

or the more general form:

$$\begin{array}{c} Q \text{ yes/no} \\ \text{NP + VP + tense} & \longrightarrow \\ \text{Aux + D + N + V + D + N} \end{array}$$

The double arrow in the formulation should read "is transformed by" and the superscript over the double arrow "the rules governing questions of the 'yes/no' type." There are question transformation rules of another type since not all English questions can be answered by "yes" or "no" as is the case for the one in this surface structure.

This formulation implies other, preliminary formulations that must be understood. One of the preliminary formulations is the rewrite rule governing Aux (the auxiliary that is chosen). In generating the surface structure, two options were available: "does milk," "is milking." The choice of the second option implicitly demands the change of the verb to its participial form. The rewrite rule for the auxiliary is stated as follows:

$$Aux \to \left\{ \begin{matrix} does \\ is \dots ing \end{matrix} \right\}$$

noun complements, prohibit those implied by "milk": *farmer sing. tures prohibit noun complements: *farmer remain; while others, admitting never appear as complements: *the farmer milks gasoline. Other deep struc-"lines" (the farmer milks his lines in the play), most other nouns could camel" and perhaps others. Although metaphors permit such substitutions as the complement "cow." Only a few words may substitute for "cow": "goat, Further, the semantic content of the verb "milk" implies the existence of

express all the rules and to specify all the semantic content of all the deep governing yes/no questions. Any of the other transformations and the resulting analyses and syntheses will support the instruction. The intention is to applicable statements as is possible. structure inputs in the most explicit and at the same time most generally Of course, work with transformational rules need not begin with those

teaching today. training, the untrained person can make no use of it in instructional planning. It has been offered simply as an overview of what is involved in grammar such a review, and they should have little difficulty in planning their instruction. On the other hand, since this review cannot possibly substitute for such measure, gratuitous. Teachers with the appropriate training have no need of alternative grammars that are being taught in the schools today is, in large This cursory and somewhat impressionistic review of the

to get traditional materials published . . . "14 whelming empirical evidence. The inconsistent formulations of the grammar effecting improvement in speech and writing, has been discredited by overdation are unsupportable. The purpose underlying the instruction, that of somehow superior to speech and that language change is equivalent to degraitself have been discredited to the extent that ". . . it has been very hard present indefensible. The ill-informed assumptions that the written language is in many places, the authors state emphatically that such instruction is at Although we have examined traditional school grammar because it is used

such study is defensible on the grounds of the humanistic argument that all need a description of the language that they already know and use? Certainly, provide an accurate description of the language. Why should native speakers of the classroom study of the material since the purpose of the study is to approbation is concerned. Beyond this, there is some question as to the value tional grammar has superseded descriptive grammar as far as academic cedures of analysis, and in the results of the analyses. Generally, transformaa great many weaknesses in that view of the nature of language, in the prohuman endeavors are worthy of study. This argument could admit any area As for structural linguistics, the transformational grammarians have shown

> even bricklaying, for curriculum consideration. However, since all topics may should such a description be achieved, one wonders if grammar study must about the consequences of achieving an accurate description of a language, teachers' and students' time and energy. Since no assertion has been made be supported by reference to humanistic ideals, all are in competition for

guistics. It may be the case that stylistic analysis can be done satisfactorily exist as an end in itself, essentially. in no other way since other approaches tend to result in ambiguous stategrammar in these other areas of study, one must decide on how much time ments about style. However, even granting the possible use of descriptive ondary school seems questionable. goals in mind, the value of learning about descriptive linguistics in the secmay be devoted to grammar study per se. Unless the teacher has these other Certainly work in dialects needs some foundation from descriptive lin-

of the language he uses, certainly, a theory of that language could be of little coherent theory of language. If the native speaker does not need a description grammarians themselves, it is doubtful that this study can have much value behavior of speakers or writers that have been made by the transformational without the hope that it refers to actual human language practice must be reconsequence to him. At best, classroom work in developing such a theory for high school students. The purpose of the grammarian is to express a In view of the disclaimers of the use of their grammar as models of the

of grammar in secondary school. Additionally, most teachers are not well garded as dilletantism in secondary school classes. schools, if not eliminated altogether. As Owen Thomas, a transformational grammarian, has stated in the final chapter of his book, Transformational ence of students when they study grammar tends to be extraordinarily dull enough trained to handle the teaching. Beyond this, the classroom experiof grammar, that study should most certainly be minimized in secondary elective course available to those who show an inclination toward the study as well as fruitless. In view of these considerations, except for a special Generally, the purposes of the study argue against any extensive pursual

Grammar and the Teacher of English: "A child should study language rather than grammar." 15

NOTES

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UGGESTIONS FOR FURTHER READING

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- OWEN THOMAS, Transformational Grammar and the Teacher of English. New value to the teacher of English. and results of transformational-generative grammar with comments on its York: Holt, Rinehart and Winston, 1965. An introduction to the procedures
- OTTO JESPERSEN. Growth and Structure of the English Language. New York: structure by earlier "traditional" grammarians. Doubleday, 1955. An exemplar of the careful thorough study of language

Basic Concepts

cally, we could choose any verbal or written symbol to choice of symbols is, of course, not arbitrary. Words can stand for anything or any group of things; the symbols of Language is, therefore, a social contract. communicate only if we agree upon what they stand for language are arbitrary in this respect. But practically, our Semantics is the study of the meanings of words. Theoreti-

and not an implication of word magic. cumlocutions. Therefore, whenever language is the subject of an active verb in this chapter, the device is a shortcut it is we who do things, who "abstract," "connote," and "define." These functions are inaccurately ascribed to treat it as if it had a life of its own, as if it did things. But language because to do otherwise demands awkward cir-It is such an intimate part of our lives that we often

"water" includes all that substance for which the word the word stands. Similarily, the denotation of the word "horse," for example, includes all those animals for which word stands for or represents. The denotation of the word The denotation of a word is that set of things that the

puddles, distilled water, the ocean, and rain. certain aspects of real objects. The word "horse," for exspeed, breed, length of mane, intelligence, and so on. Simithat exist among the things denoted-their color, size, tion and does not give information about the differences ample, abstracts only certain characteristics of its denotaword calls our attention to, is associated with, or abstracts because it represents only some of its characteristics. The larly, the word "water" includes, among other things, mud A word is not the same as the thing it denotes, however,

be impossible to agree exactly upon all the things that of a word, it would be impossible to do so because it would tried to give the perfect, or definitive, denotative definition should be assembled to give the perfect denotative defini-Words are also indefinite in their denotations. If we

cific object than we intended. We are thus in danger of identifying the set of of using words that identify different characteristics for the listener than they seem to be splitting hairs, but the consequences are extremely important. Since subset of the set "horses"? Are merry-go-round horses "wooden, half-sized noted by the word "horse"? If not, what set do they belong to? Are ponies a about those things on merry-go-rounds? What about that stuffed toy horse in unambiguous, characteristics of a thing or set of things. objects as identical rather than identical in only certain abstracted characterin danger of having the listener associate different characteristics with the spedo for the speaker. Since we use these words that identify a variety of characdefine exactly the characteristics that they abstract, we are in constant danger words abstract only certain characteristics of things, and since we cannot models of horses?" Or are they models of ponies? Such considerations may the baby's crib? What about mules? Do these belong in the set of things detion. What about ponies? What about those tiny ancestors of the horse? What istics. In short, a word is an abstraction that identifies only certain, not totally teristics of a large group of objects in connection with specific objects, we are

out, is not totally accurate. Second, the informative connotation can never accurate for two reasons. First, the denotative definition, as we have pointed stead, we define it by giving-in other words-a list of those characteristics us were to be as exact as possible, language would still display these inacperfectly match the denotative characteristics for the same reason. If each of notation of the word. Such a definition is never totally complete or totally that the word abstracts. This kind of definition is called the informative contion—that is, assemble a group of things that are identified by the word. In-When we try to define words, we do not usually attempt a denotative defini-

sloppy in our use of language, accepting the inexact match between the characwas a 247-page book. same word. Otherwise, we would have to spend our lives qualifying for exactto words, both in denotation and informative connotation. In addition, we are experiences and consequently a different set of characteristics that we ascribe And so I worked back and back to the beginning of this essay." The result helpful to say at least roughly what the phrase 'good painting' means in Engyears ago while working on a manuscript in aesthetics I thought it would be ness and specificity. In the preface to Semantic Analysis, Paul Ziff says, "some teristics we abstract from a word and those that our listeners abstract from the lish . . . But then I began to wonder what had led me to say what I did . . . But we do not try to be as exact as possible. Each of us is limited to his own

desire to communicate exactly. We are constantly deciding how exact we need to be in order to communicate adequately. The abstract character of language allows us to communicate at the same time that it limits the exact-The desire to communicate many things is in constant conflict with the

ness of our communication. Language simplifies through abstraction, but its

simplification is both a vice and a virtue. specific. The contrast between general and specific is, however, a relative be touched. They are names of categories and, as such, general rather than on the general-specific scale, they are all concrete because they name real cause it names more objects. Although the words used as examples may differ names fewer touchable objects, but it is more general than "Percheron" bematter. For example, "thoroughbred" is more specific than "horse" because it thus far-horse and water-are concrete in that they refer to things that can abstract-concrete scale seems quite clear when presented with these illustrathings. (Although the distinction between the general-specific scale and the among real (sometimes), perceivable events. Prepositions are abstract in the this discussion suggests. In general usage, the two scales are interchanged tions, it will not hold generally; their interrelations are far more complex than same way; they refer to relationships and are extremely difficult to define with there is no "thing" that the word denotes, although it refers to relationships indiscriminately.) The word "justice" is more abstract than "horse" because they refer to attributes or relational qualities of words rather than real things. In fact, words that refer to words (like "verb") or words that are used to dean informative connotation. (Try to define, for example, "on" in "The book is qualities that have been in themselves abstracted from real things. In other word "abstract" is yet more abstract. It refers to a lack of concreteness in scribe language (like "semantics") have a special name--"metalanguage." The Caesar 'is' the hero of the book." The words of grammar are abstract because even more difficult to define descriptively-for example, "is" in "Julius 'on' the table," and "The light is 'on' the ceiling.") Other function words are words, it is a characteristic of characteristics. Some words are more abstract than others. The words used as examples

of people whose characteristics include enforcement of the law. We could add sent. The word "policeman," for example, represents, or stands for, a group of the attitudes and values that they have toward the things that words repreword. If anyone disagreed with such a carefully constructed definition, we many other characteristics to identify the informative connotations of the vicious, sadistic persecutor of the poor, we cannot say that his definition of "meaning" of the word. But if someone were to say that a policeman is a could say that he was at fault because he did not adequately understand the ably say that his attitude toward policemen is different from ours. Notice with the word "policeman" are different from ours. Or we might more probthe word is wrong. We can say that the affective connotations that he associates the shift in the previous sentence. The focus has changed from metalanguage We constantly get our reactions and feelings toward things mixed up, tied up, Affective connotation refers to the values that people give to words because his association with the word—to language—his attitudes toward the thing.

even more than the informative connotations they associate with words. or associated with our reactions to words. These feelings and reactions, attiof the word. These affective connotations may differ between individuals response than the other words. Those responses are the affective connotation other word on this page, but if it were there in print, it would cause a stronger physical characteristics as black print on white page would be the same as any tive connotations of words. Take any four-letter Anglo-Saxon obscenity. Its tudes toward and values given to the things that words represent are the affec-

apparently differ only in their affective connotations. Note that the word tation and is, consequently, ambiguous and inexact. two words are apparently synonymous in their informative connotations and new words. The present use of "fuzz" for "policeman" is one example. The "synonym" in no way distinguishes between informative and affective conno-Differences of affective connotation are so strong that they often lead to

usual meaning. poseful use of a word to represent characteristics antithetically related to its associated. Also, this kind of change in meaning involves sarcasm, or the purneither case are the characteristics of the geometric shape abstracted in the meaning obviously involves consideration of the metaphoric use of words; in word "square" associated with the people with whom the word "square" is have reversed to condemnation and negative feeling. This kind of change in "honest," although there is obviously some shift. Affectively, the connotations different. Informatively, the connotations are still close to those of the word positive feeling. In the 1940s and 1950s, the word "square" meant something is similar to that of "honest." Affectively, the connotation is one of praise and sentences such as "He's a real square shooter." Informatively, the connotation In the early part of the twentieth century, the word "square" was used in Differences in affective connotation are also evident in changes in meaning

teristics of words in isolation. Now we must consider the effect of putting their affective connotations, or both. But we have dealt with all these characvirtue; that we can define words by citing either their informative connotations, concrete; that the communication made possible by words is both a vice and a they vary on a continuum of general-specific and on a continuum of abstractof these things (abstraction); that they are not definite in their meanings; that thing or things (denotation); that they represent only certain characteristics Up to this point, we have indicated that words often represent some real

a statement of its affective connotations. Incidentally, the usual informative connotation has changed from the obsolete "boastful or vainglorious" to its read the essay. (Note that the informative connotation of "glorious" is merely whether the word represents positive or negative affective connotations is to sarcasm in the word "glorious." The only way we would be able to determine 1980s," we would be faced with an ambiguity created by the possibility of If we were to come across an essay entitled "Transportation in the Glorious

> in this case by its general usage, nor by the informative and affective connotation.) The meaning of the word "glorious" in the essay's title is not determined present "praiseworthy," a shift from negative to positive affective connotasurround it. Of course, the meaning of the word in this context is partly detertion reflected in a dictionary, but rather by its context—the other words that opposite of its usual connotation. casm resolves the ambiguity by allowing us to take "glorious" to connote the connotations creates a tension of apparent ambiguity. Our knowledge of saraffective connotations of "glorious" are inappropriate. The conflict of these fact, only from the context of the essay could we determine that the usual mined by our previous knowledge of its usual meaning. Many meanings could the word "glorious" in this context reduces the possibilities drastically. In fill the slot "Transportation in the -1980s." The presence of

extent upon their relationship to other words. Consider again the word more exactly. "Producing musical notes by means of the voice is called sublime, superb. Or we can say that it means "very, very good" or "I like it denotative. We can only use other words-splendid, resplendent, delightful, someone else what it means? We cannot point to things; the word is not "glorious." How do we know what it means? How would we explain to verbal context. The point is that the meanings of words depend to a great in those very few cases where we point to a thing, is always the supplying of text. This is not surprising when we consider the fact that a definition, except what "good" and "like" mean? At this point we might be willing to say that very much." But we're still caught in the same problem. How do we know know those words, we can try to define one of them: splendid-gorgeous, magnificent, praiseworthy, brilliant, worthy of glory. If our audience doesn't with evidence from many conversations in which we have been involved. most language is a vast tautology. We could surely support such a statement Other verbal contexts limit the possible meanings of a word even .." Few words will fit the restrictions of this verbal con-

external reality (denotation), of language to people's attitudes and values tive connotation; context). (affective connotation), and of word meanings within the language (informa-The problems of semantics, then, lie in the relationships of language to

Evaluation of Curricular Importance

Will an understanding of these concepts increase the stu-

dents' literacy?

will help them understand and control their responses to mass media-adverhension. Recognition of the use of words with powerful affective connotations aids students throughout their lives in the most basic aspects of word compretising, news, editorials, political propaganda. 1. Functionally? Yes. The ability to use context to define word meaning

tentology.

- 2. Educationally? Yes. Varying the levels of abstraction is an important skill of good writing. The ability to build definitions will aid students in any
- the concepts of any other approach to language study. basic concepts of semantics are more important to the study of English than of meaning plays an important part in both composition and literature. The parts of a single context is basic to the study of poetry. Sensitivity to subtleties 3. In terms of the English curriculum? Yes. The interactions of words as
- a basis for later more rigorous study. mar/linguistics is that it is treated as an esoteric closed system unrelated to meaning is a significant introduction to the study of language and provides problems that are meaningful to students. The grounding of semantics in 4. Linguistically? Yes. The major weakness of most instruction in gram-

Developing Curricular Materials for Basic Semantic Concepts

stand in order to grasp this basic idea of semantics. The creativity of the ture of an apple on the board. The dialogue might go like this: the relationships between a word, a picture, an object. The teacher puts a picdent. One way to introduce the concept of symbols is to ask the students about teacher is important in finding ways to make these concepts clear to the stubol, communication, social contract—each of which the student must undertract to which we adhere. This idea involves many concepts-arbitrary, symsymbols that are useful for communication only because of the social con-First, let us deal with the idea that words are arbitrary

Teacher: What is this?

Student: An apple.

Teacher: Can you smell it or take a bite of it?

Student:

Teacher: Is it really an apple?

Student: No, it's a picture of an apple

Then the teacher writes the word "apple" on the board.

What is this?

Student: The word "apple."

Teacher: Is it a real apple?

Student:

Teacher: But we use it when we want to talk about the thing it stands for. What do we call a thing that stands for something else?

Student: A symbol.

Is the picture a symbol?

Student:

Teacher: Is the word a symbol?

Student:

dents write out characteristics that they associate with "school," it is simple to demonstrate that words mean different things to different people. words are symbols and not the things they stand for. Further, by having stu-Admittedly, this is a simple dialogue, but it establishes the basic concept that

acter of word symbols. A second approach might be the presentation of a with the phrase "looks like," the dialogue easily moves to the arbitrary charbetween the picture symbol and the word symbol. As soon as they respond We could continue the previous dialogue by asking the students the difference tically at the table and says more urgently, "bres." Finally one of the students says, "Oh, you mean the table!" And the teacher looks pleased and relieved group of words from different languages that all refer to the same set of objects, of social contract. Another approach that leads to the idea of social contract followed by the appropriate dialogue that leads very naturally into the idea and says, nodding his head in agreement, "bres." Then he points to the chair and says, "bros." This time the students catch on more quickly. Then he points and says, "bres." The students are puzzled. The teacher points rather franis that of making up words. The teacher points to the flat surface of the table to one of the chairs with a writing surface that the students use and says, clip is "sloan," pen with clip is "glicktersloan," drawer is "floss," desk with desk, the teacher says "brosterbres." Then he continues. Pen is "glick," papernecessary before the students catch on. Pointing to the parts of the students' "brosterbres." Perhaps returning to "bres" and "bros" separately will be drawer is "bresterfloss." Then he puts the compounds on the board: brosterout not only the arbitrary nature of language but also the need for social these words as good as the ones we normally use." The discussion will point the teacher may have to backtrack-respond "with." Then he asks, "Aren't bres, glicktersloan, and bresterfloss. "Ter," he asks, and the students-again How can we introduce the idea of the arbitrary nature of linguistic symbols? agreement. Another approach is the use of readings that make the point, as the following lesson plan indicates.

Lesson Plan The Arbitrary Nature of Linguistic Symbols

TERMINAL OBJECTIVE

To write a paragraph explaining the arbitrary nature of linguistic symbols using an example.

MEDIAL OBJECTIVES

- To use the word "arbitrary" appropriately.
- To answer the study guide questions for the reading selection.

- To explain orally how the reading selection illustrates the arbitrary relation of words to their denotation and informative connotation.
- ask them in what sense words are arbitrary. decisions to see if they can distinguish them. Review yesterday's lesson and the word on the board, and give the students examples of arbitrary and rational ples of arbitrary decisions, for example, deciding by a flip of the coin. Write 1. Tell the students what the word "arbitrary" means and give them exam-

give them these instructions: 2. Divide the class into homogeneous groups of four or five students and

someone in your group to explain the selection to the class." answers to the questions. When you have discussed all the questions, select "Read the selection I am distributing. When you have finished, discuss the

student group explain its selection after the rest of the class has read it. copies of all the selections to all the groups. Reassemble the class and have a information about the selection. As they finish their group work, distribute 3. As they begin, circulate among the groups, giving necessary background

sign the writing of a similar paragraph about one of the other selections for 4. Write a model paragraph with the class about one of the selections. As-

EVALUATION

the homework assignment. Use the criteria established in developing the model paragraph to evaluate

EVERYTHING HAS A NAME from The Story of My Lite: by Helen Keller

everything has a name. But my teacher had been with me several weeks before I understood that words, among them pin, hat, cup, and a few verbs like sit, stand, and walk. simply making my fingers go in monkey-like imitation. In the days that correctly I was flushed with childish pleasure and pride. Running downstairs to my mother I held up my hands and made the letters for doll, I followed I learned to spell in this uncomprehending way a great many did not know that I was spelling a word or even that words existed; I was and tried to imitate it. When I finally succeeded in making the letters my hand the word "d-o-l-l." I was at once interested in this finger play When I had played with it a little while, Miss Sullivan slowly spelled into and Laura Bridgman had dressed it; but I did not know this until afterward. me a doll. The little blind children at the Perkins Institution had sent it The morning after my teacher came she led me into her room and gave

One day, while I was playing with my new doll, Miss Sullivan put my big rag doll into my lap also, spelled "d-o-I-I" and tried to make me understand that "d-o-I-I" applied to both. Earlier in the day we had had a tussle

> repeated attempts and, seizing the new doll, I dashed it upon the floor. time, only to renew it at the first opportunity. I became impatient at her in confounding the two. In despair she had dropped the subject for the over the words "m-u-g" and "w-a-t-e-r." Miss Sullivan had tried to impress it upon me that "m-u-g" is mug and "w-a-t-e-r" is water, but I persisted

true, but barriers that could in time be swept away. my soul, gave it light, hope, joy, set it free! There were barriers still, it is cool something that was flowing over my hand. That living word awakened was revealed to me. I knew then that "w-a-t-e-r" meant the wonderful gotten—a thrill of returning thought; and somehow the mystery of language of her fingers. Suddenly I felt a misty consciousness as of something forslowly, then rapidly. I stood still, my whole attention fixed upon the motions gushed over one hand she spelled into the other the word water, first water and my teacher placed my hand under the spout. As the cool stream of the honeysuckle with which it was covered. Some one was drawing We walked down the path to the well-house, attracted by the fragrance

mother. Miss Sullivan put her arm gently around me and spelled into my me; but at that time I did not like to have any one kiss me except my violets in the garden and brought them to my teacher. She tried to kiss "love." This was before I knew many words. I had found a few early hand, "I love Helen." I remember the morning that I first asked the meaning of the word,

"What is love?" I asked.

very much, because I did not then understand anything unless I touched it. She drew me closer to her and said, "It is here," pointing to my heart, whose beats I was conscious of for the first time. Her words puzzled me

question which meant, "Is love the sweetness of flowers?" I smelt the violets in her hand and asked, half in words, half in signs, a

"No," said my teacher.

heat came, "Is this not love?" Again I thought. The warm sun was shining on us. "Is this not love?" I asked, pointing in the direction from which the

whose warmth makes all things grow. But Miss Sullivan shook her head, and I was greatly puzzled and disappointed. I thought it strange that my teacher could not show me love. It seemed to me that there could be nothing more beautiful than the sun,

with gentle patience. Finally I noticed a very obvious error in the sequence and for an instant I concentrated my attention on the lesson and tried to many mistakes, and Miss Sullivan had pointed them out again and again metrical groups-two large beads, three small ones, and so on. I had made forehead and spelled with decided emphasis "Think." think how I should have arranged the beads. Miss Sullivan touched my A day or two afterward I was stringing beads of different sizes in sym-

going on in my head. This was my first conscious perception of an ab-In a flash I knew that the word was the name of the process that was

ANSWER THE FOLLOWING QUESTIONS

- Why did the first "finger play" not mean anything to Helen. What had she failed to do?
- the well than it had been when the water was in the mug? What was the first word that had meaning to her? Why was it easier at
- What does "abstract" mean?
- Why were the words "love" and "think" so hard for Helen to learn?
- If Helen had learned the motions for "think" as meaning "love," and knowledge? Would it have changed her ability to communicate? the motions for "love" as meaning "think," would it have changed her
- How does this selection show this? In what sense are words arbitrary? In what sense are they not arbitrary?

Mark Twain, from The Adventures of Huckleberry Finns

"Why, Huck, doan' de French people talk de same way we does?"

"Well, now I be ding-busted! How do dat come?" "No, Jim; you couldn't understand a word they said—not a single word."

a man was to come to you and say Polly-voo-franzy-what would you "I don't know; but it's so. I got some of their jabber out of a book. S'pose

"I wouldn' think nuffin I'd take en bust him over de head . . ."

how to talk French?" "Shucks, it ain't calling you anything. It's only saying, do you know

"Well, den, why couldn't he say it?"

it. Dey ain' no sense in it." "Why, he is a-saying it. That's a Frenchman's way of saying it." "Well, it's a blame ridicklous way, en I doan' want to hear no mo' bout

"Looky here, Jim; does a cat talk like we do?"

"No, a cat don't."

"Well, does a cow?"

"No, a cow don't, nuther."

"Does a cat talk like a cow, or a cow talk like a cat?"

"No, dey don't."

"It's natural and right for 'em to talk different from each other, ain't it?"

"And ain't it natural and right for a cat and a cow to talk different

"Why, mos' sholy it is."

ferent from us? You answer me that," "Well, then, why ain't it natural and right for a Frenchman to talk dif-

"Is a cat a man, Huck?"

man?—er is a cow a cat?" "Well, den, dey ain't no sense in a cat talkin' like a man. Is ø COW

"No, she ain't either of them."

yuther of 'em. Is a Frenchman a man?" "Well, den, she ain't got no business to talk like either one er the

me dat!" "Well, den' Dad blame it, why doan he talk like a man? You answer

ANSWER THE FOLLOWING QUESTIONS

- 1. Why is Jim's criticism of Frenchmen unfair? What has he not understood about words?
- What important problems has Jim recognized about language that comes from the arbitrary relation of words and things?
- Answer Jim's last question

Lewis Carroll, from Through the Looking Glass:5

"I don't know what you mean by 'glory,' " Alice said.

tell you. I meant 'there's a nice knock-down argument for you!" Humpty Dumpty smiled contemptuously. "Of course you don't-till I

"But 'glory' doesn't mean 'a nice knock-down argument," Alice ob

jected. "When I use a word," Humpty Dumpty said, in a rather scornful tone,

"it means just what I choose it to mean-neither more nor less."

many different things." "The question is," said Alice, "whether you can make words mean so

"The question is," said Humpty Dumpty, "which is to be master-

Jean Piaget, from The Child's Conception of the World:6

and the moon 'sun'-No-why not?-Because the sun shines brighter than the moon. . . . But if everyone had called the sun 'moon,' and the [A child is being questioned.] "Could the sun have been called 'moon' moon 'sun,' would we have known it was wrong?-Yes, because the sun the sun isn't changed, only its name. Could it have been called . . . etc.? is always bigger, it always stays like it is and so does the moon.—Yes, bu

ANSWER THE FOLLOWING QUESTIONS

- 1. In what situations is it important for Humpty to use the meanings that other people do?
- In what way are Humpty's problem and the child's problem the same? In what way are they exactly opposite problems?

concept follow. acteristics of the things they represent. Two procedures for introducing that Another basic concept of semantics is that words abstract only certain char-

Teacher: How many of you know what the word "woman" means;

Students: (All raise their hands.)

color is her hair? What is she wearing? What is she doing? questions: How old is she? How tall is she? How much does she weigh? What Then picture a woman and on a piece of scratch paper answer these

Do you expect your answers to agree with the other students in the class?

The teacher lets some of the students read their answers

Teacher: Why did you say you knew what the word "woman" means if means different things to each of you?

teacher diagrams student questions on the board: questions seeking the object he has in mind. As the game proceeds, the twenty questions, in which the teacher answers only yes or no to the students' informative connotation. Another approach is to play a game similar to would in the process indicate numerous characteristics that are not part of that that are included in the informative connotation of the word "woman" and As the discussion continued, it would arrive finally at the characteristics

movable mineral

bigger than a bread basket

transportation

station wagon Chevrolet

Chevy II

the teacher's car

to conclusions about the abstract nature of words. Analysis of the pattern they followed from less to more limited categories leads

integrate these activities and build skill in each when such integration aids and composition activities for each classroom period. But it is appropriate to semantic concepts. Of course, it is not necessary to have language, literature, writing activities when they can be an integral part of the development of the in fulfilling the objectives of instruction. For example, the teacher might wish Given a set of planned activities, the next step is to integrate reading and

> out his rough plan for the lesson, it might take the form below: to integrate these skills in the study of levels of abstraction. If he were to write

LESSON ON LEVELS OF ABSTRACTION

PURPOSE:

See that different words are at different levels of generality and abstraction. Be able to use principle in questioning reading

Use principle to improve writing

PREVIOUS LESSONS:

- 1. Arbitrary, symbolic, contractual nature of language.
- 2. Denotational meaning

Introduce concept.

Objectives: To discriminate words in terms of the number of

referents they have.

To determine which words have little denotational meaning (for example, function words and abstract words).

Medial Objectives: Understand "general," "specific," "abstract," "concrete."

Recognize that terms are relative. Spelling.

Activities: Twenty questions game, discussion

Building ladder of abstraction.

Use concept in reading.

'n

Objectives: To find words that are abstract/general.

To find part of passage that makes these words

To state possible communication failures. more specific/concrete.

Activities: Reading and discussion.

Medial Objectives: Vocabulary in articles.

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Use concept in writing. Objectives: To make writing more specific

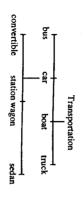
Define terms.

Activities: Practice definitions.

Practice specifying general/abstract statements.

Rewriting.

genus et differentiam suggests that the activity of building a ladder of abstracadditional activities. For example, a later curricular objective of defining per cally to the statement of additional medial objectives, which in turn require above, but should rather include branching: tion should not be the simple listing from general to specific as was suggested Notice that the statements of purposes, objectives, and activities lead logi-



activities often enough for the student to gain fluency. comes to that activity. In addition, it is necessary to repeat this and other In this way the student will be better prepared to write definitions when he

include the activities necessary to reach these medial objectives. those writing activities involve medial objectives, and the teacher must plan to activities is necessary to have them write about their reading. In other words, rection both in small groups and individually. The same kind of extension of The teacher must give students class time to practice writing under his di-

like the following:7 formulation of materials and activities. For example, the selection from Helen come medial objectives. The results of this kind of analysis are the specific tion to be able to proceed with a minimum of disturbance. All these factors betaught. If they are to work in groups, they must be given the necessary directainly not as important as understanding the ideas they represent), they must be read. More important, the teacher must introduce words for the concepts of the lessons: "symbol," "symbolic," "symbolize," "arbitrary," "denotation," Keller, used in the lesson on levels of abstraction, would have a study guide "definition." If the students are to know and use these words (which is cer-"denotes," "denotative," "informative," "connotation," "abstract," "define," "contemptuously," which the teacher must explain to the students before they are the words "tussle," "persisted," "confounding," "consciousness," and sumptions they imply about student ability. These assumptions in turn become vocabulary, its understanding, spelling, and usage. In the readings suggested the bases for additional medial objectives. The most obvious problem is The teacher must also look carefully at all the activities to see what as-

STUDY GUIDE: Selection from The Story of My Lite by Helen Keller

VOCABULARY:

uncomprehending flushed tusssle confounding symmetrical perception

- In paragraphs one and two, Helen Keller knows both words and things.
- ņ In paragraph two, does "mug" have a referent? Does "water" have a referent? What does she fail to do?
- ယ Why is it easier for Helen Keller to understand "water" in the situation in paragraph three than in the situation in paragraph two?
- 4. Why are the words "love" and "think" more difficult for Helen Keller to understand than the words "mug" and "water"?
- What events in the story illustrate the word "think"? the word "love"?

of abstract words in other selections, such as the one below. Again students must be taught how to work with the concept. This introduction to abstract words in a text should be followed by an analysis

WORKSHEET: Abstract Words

exterior cables and the flowered pattern of the interior are visible. on all sides except where the supporting cables are anchored to the earth. exhibition halls of the future. Essentially it is a tent made of plastic, open and is expected to exert a lasting influence on the planning of stadiums and In both design and materials, the building is a major architectural innovation In sunlight the skin is translucent, and both the patterns created by the

words and phrases that make this abstract phrase more specific "Major architectural innovation" is an abstract phrase. Underline the

activities can follow the pattern established by these reading activities. Stumen shook hands; the woman drove the car, and so on. dents can be asked to specify such general statements as: The plane flew; the propriate for the particular class or individuals within the class. The writing Such reading activities can be extended in length and sophistication as is ap-

such simple examples as nag, horse, thoroughbred, and work with similar with positive, neutral, and negative connotations. Students can begin with The study of affective connotation begins with the distinctions among words

and letters to the editor, both excellent sources of highly connotative writing. Again, more sophisticated students can work with more sophisticated ma-These activities can easily be extended into the analysis of advertisements

WORKSHEET: Affective Connotations8

Below are thirty words or phrases. The eleven that are underlined have been put in the right place in the chart. Put the other nineteen in the chart. old, discreet, influential speaker, idealist, orator, officer of the law, tolerant, decayed, warmhearted, obedient, do-gooder, immigrant, rabble-rouser, humanitarian, cautious, Indian lover, official, alien, flatfoot, mature, cowardly, musky, bureaucrat, loyal, nondiscriminating, Pilgrim, slavish, sentimental, office-holder, detective.

10.	8. orator	6. Pilgrim	5.		1. 2. loyal	Good connotation
office noider	influential speaker	idealist	old	sentimental	cautious	Little connotation
	rabble-rouser	Indian lover				Bad connotation

LESSON PLAN: Principles of Advertisements

TEACHER INTRODUCTION: Men can be persuaded to believe many different things. Hitler persuaded the people of Germany that they should go to war. The casualties that resulted were 8,500,000 killed, 21,220,000 wounded, and 7,700,000 missing. Christ has influenced untold millions of people over the last 1900 years. Today in America alone there are approximately 120,900,000 Christians.

Both of these men, then, had a tremendous influence over other men, one for good, the other for evil. Both had the ability to persuade—to change the way men act. Why? How is it that men can be persuaded to do things? Well, ahead, straight out in front of you. That's right. All right, now while your arms are in front of you, fold your hands. Got them folded? All right, now put your arms down, because you have just been persuaded. You just went through a bunch of silly gestures. Why did you do it? You thought there was it, didn't you? You thought something was going to result from something. I had promised you that it was worthwhile doing. And this is suaded to do things because the persuader gives them a promise of results. The promises aren't always stated in so many words, but they are usually there, lurking behind the words.

terials. Also, writing exercises involving differing points of view are obviously appropriate at this point.

The use of these concepts is, of course, an important step for students. The application in advertisements demands a more thorough investigation.

WORKSHEET I: Promises

Underline the promises in the following statements:

- 1. "Aw, please, Mom, let me go with you. I'll be good."
- 2. "O.K.! O.K.! I'll carry out the trash, but let me watch the rest of this program first."
- 3. "It's the first dance this year, and it won't cost much money!"
- . "If you let me get a driver's license, I'll wash the car every week!"
- "I'm sorry, Dad, but if I didn't have to do so much work around the house, I'd study more."
- 6. "The needle will hurt just a little, but then you won't feel a thing when I pull the tooth."
- 7. Double your money back if not fully satisfied.
- 3. I can help you lose ten pounds in just two weeks. Send twenty-five cents for my booklet "How to Lose Weight."
- 9. "If you don't smoke until you're twenty-one, I'll give you one hundred dollars."
- 10. "If you aren't home by 11:30, you won't be allowed out of this house next week."

Of course, the reason for making the promise in each of these examples is that the speaker is trying to persuade the hearer to do something. In the following blanks, explain what it is that the speaker wants the hearer to do in each of the examples.

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WORKSHEET II: Promises

of the following people: Fill in the blanks with the promises that advertisers might offer each

- 1. A fat man
- 2. A student who is getting poor grades
- 3. A girl with a poor complexion
- 4. A boy who is skinny
- 5. A man who is poor
- A mother who has a sick child
- 7. A man who wants a better job

WORKSHEET: Needs

Name the basic needs that are suggested by the following groups of

- 1. Do people turn away when you talk to them? Try Sweetmint Gum to get rid of bad breath.
- Be the life of the party. Buy our book of magic and watch people flock
- week muscle-building course. Lose that flabby fat and become a hit with the girls. Write for our six
- 5 Too many debts? Too many bills? Not enough money? Call your nearest Earn money in your spare time! Send for our course in radio repair. Get Friendly Finance office now!
- ယ Feel tired? Lifeless? Need pep? Try Peter Piper's Pick-me-up for quick energy lift! your boss's job! Learn how to manage people and watch your salary rise!
- healthy! Be a bouncing flash! Buy Bouncing Flash shoes! shoes will keep you on the go! Bouncing Flash shoes will help you Bouncing Flash shoes will help you win those races! Bouncing Flash shoes will keen vou on the go! Bouncing Flash shoes will help you feel From football to bowling. From golf to hockey. Champions prefer PEI

breakfast food.

- 4. Be the Joneses that everyone tries to keep up with! Subscribe to Home Everyone will envy you in your Arrow convertible. Buy Arrow and hit the Everyone will watch when you step out of your Arrow convertible. maker's Magazine to make your house the most beautiful on the block
- Only one man in a hundred is good enough to wear a Smithe Suit. Are you one man in a hundred?
- Ś Do the dishes, wash the clothes, make the beds, dress the children—too Take a train! It's easier than driving. much to do? Save hours every day with an automatic dishwasher.

Any job, anytime, anywhere, it's easier and quicker with a Presto Pen

act? What audience does it appeal to? What is its purpose? connotative? What words are informative? What does the ad do to get you to do to hold your attention? What promises does it make? What words are most questions like---What does this ad do to attract your attention? What does it tions that seem to be most significant for analysis. They will probably include Additional analysis of ads will lead the class to develop a list of key ques-

and develop their own ads for that product. With this kind of analysis behind them, the students can select a product

Extension of Basic Semantic Concepts

concepts that are open to further development later in the curriculum. Even and will consequently be handicapped in creating a good one. though the further development of some of them may be rejected as inap-An uninformed teacher cannot determine their significance to the curriculum propriate to the curriculum, they are still important for the teacher to know. The first unit obviously contains in embryonic form many

criteria. It should be developed and reinforced in nearly every unit of instrucsity for functional literacy, it is certainly an important skill in terms of other with the basic technique of defining. Although definition may not be a neceshave suggested. The unit deals, not with the difficulty of defining, but rather quate if the informative connotations of words are as difficult to specify as we as a constantly developing set of skills-than it would be if it were isolated in they will be used. In this way definition would be treated more realisticallybetter to incorporate various aspects of definition into those units in which isolated subject of discussion. In actual classroom practice, it would be far tion in English, but to insure its adequate elucidation it is treated here as an the curriculum. The ideas about definition introduced in the first unit are obviously inade-

come aware of the difficulties of specifying the informative connotations of and to introduce other techniques for definition. will be to develop further skill in these areas that have been already introduced experience with contextual definition. The purpose of additional instruction their hand at per genus et differentiam definitions, and will have had some words, will have recognized the arbitrary nature of categories, will have tried velopment of definition skills. On its completion, the students will have be-The first unit on semantics will accomplish the first step toward the de-

notational definition. Pictures are the next best denotational device and are students for two reasons: they involve the students, and they emphasize the to definition are particularly valuable with young students and older nonverbal and maps can be used as definitional devices. All such nonverbal approaches often used in dictionaries. Pantomime can help define many words. Diagrams First, words can be defined in nonverbal ways. Pointing is the basis of de-

help accomplish that purpose. purpose—communication of meaning. Work with nonverbal definitions will consequently, that any teaching of definition be clearly focused on the real of esoteric ritual. That result is, of course, a disservice to them. It is important, of definition, on the other hand, can lead to the students' viewing it as a kind real purpose of definition—the communication of meaning. The formal study

more important criteria for many students. definition. But it works, and as the previous paragraph emphasized, this is a that this approach to definition is far less exacting than a formal, expanded ities of situations that will more clearly define the word. There is no question by using multiple examples so that the questioner can get a feel for the similarmany meanings can logically fit this situation. This weakness can be overcome for a word is a beginning of a definition, but it fails to be specific enough since be sitting up waiting for me and she'd be angry." Such a situational context to be home by 10:00, and I didn't get home 'til 11:00, then my mom would normally use this approach without instruction. If the teacher asks, "What does 'angry' mean?" it is not unexpected for a student to reply, "Well, if I was told A second major approach to definition is the use of examples. Students

standing of irony by asking him to make up a situation that is ironic. The following situation was devised by a seventh-grade student: without being able to define it. Also, the teacher can test the student's underform of stories and poems and situations, they may understand what irony is learning is rote. On the other hand, if the students are given illustrations in the the more time spent writing definitions, the more chance that the student's define the word "irony." The more time spent in class defining the word and criterion of formal definition. Yet too often teachers teach words rather than The criterion of communication of ideas is far more important than the ideas. For example, there is very little value in having the student be able to The same is true for the teacher's attempts to define words for students.

gers the alarm, and is arrested for robbery. the man drives back to the bank. He puts the diamonds in the safe and trigeven for the money he cannot do it. Figuring that no one would ever know, can't resist. As the clerk is driving home, his conscience bothers him, and A head bank executive puts some valuable diamonds in a safe and does not lock it properly. A bank clerk, known for his honesty, notices and

both teacher and student as a device for communicating understanding. an understanding of the concept. Thus, definition by example is important to Whether or not this student is able to define irony, his example illustrates

student knows which words have the same meaning as the object word, or the A third approach to definition is to supply synonyms and antonyms. If the

> of meaning involved. The discrimination among these synonyms helps subapparent synonyms. Each of our synonyms helps us to define vaguely the area same meaning, then there should be some attempt to discriminate among the is no basis for choosing among them. But if they do not have precisely the ginning is obviously inadequate, however. If words are really synonyms, there opposite meaning, he is beginning to understand the object word. This bedivide that area of meaning and thus make it more specific.

suffers from the same weakness. It says in effect: "This example is in the more and more adequate as it includes more and more items within the semeaning, the better it is. Thus, a denotational definition (pointing) becomes semantic area," but it does not specify the extent of the area or the boundary that are "nearby" but not included in the semantic area. Definition by example mantic area. Yet to be even more adequate, it must also point to those things Obviously, the more exactly the definition establishes (defines) the area of word is an attempt to mark the area of meaning that the word represents we may consider the meaning of a word as an area. Any attempt to define the different word meanings within that area. describing the genus and limits the area more exactly by distinguishing among tinguishes among the synonyms. On the other hand, definition proceeding boundaries for the area but does not delimit the area unless the definition disfrom the general to the specific defines the broader inclusive meaning area by lines. Definition by synonym, on the other hand, suggests vaguely very broad In fact, any attempt to define can be viewed in this light. Metaphorically,

sophisticated by more exactly delimiting the area of meaning appropriate to words. However, there are two major weaknesses of genus-differentiae definiand development are all appropriate approaches to definition with some problems. Location, physical appearance, parts, composition, function, causes, with affective connotation. tion: the suggestion of rigidity it implies and the failure to deal adequately become aware of the variety of approaches appropriate for different definition be a continuing part of the English curriculum. In addition, students should the word. Such growing sophistication in the process of defining should Thus, any of these approaches to definition can become more and more

criterion such as "emotive power," we find that it is neither necessary nor sufficient since many works that are obviously poetry are not moving and limericks as, at best, marginal to our conception of poetry. If we consider a sufficient criterion in the case of limericks. Yet we might prefer to consider to define a given piece of language as poetry? Form would seem to be a "poetry" mean? Is there a set of characteristics that are sufficient in all cases plied. What, for example, is poetry? Or, in metalanguage, what does the word space is not so simply and exactly divided as the discussion thus far has imyes-no discrimination that is in most cases an oversimplification. Semantic criminating categories, a process basic to definition, implies an either-or, Rigidity is implied in the process of categorization. Establishing and dis-

our teaching of definition leads our students toward precision and understanding rather than rigidity and hair-splitting. rather unsophisticated in his desire to classify rigidly. We must be sure that person who asks, "Well, is it poetry or not? It's got to be one or the other!" is many works that are obviously not poetry are extremely moving. Thus, the

viously, we must help the students to develop skill in explicating the emotive qualities of words as well as their informative qualities. nitions that attempt precision at the expense of affective connotations. Ob-Astronomer" is an excellent example of the inadequacy we often feel in defimetaphoric, descriptive statements. Whitman's "When I Heard the Learn'd emotions that are far more easily (though perhaps less exactly) conveyed by culty in definition. All the precision possible will not begin to encompass the Affective connotations are an important part of meaning that create diffi-

and discovering weaknesses in arguments are the province of logic. in an advertisement, letter to the editor, editorial, or essay, we still have the job of deciding whether or not the argument holds. Techniques for evaluating is logic. After we have scrubbed away all the affective connotations presented A second area of concern that grows directly from the first unit on semantics

concerns are more appropriately considered as the province of linguistics in concern implied in the first unit is the problem of changes in meaning. These syntactic patterns ("The bear bit the man; the man bit the bear"). A fourth of the basic units of meaning. Obviously meaning is derived from endings ("ed"), word parts ("de," "tion"), words ("cat"), phrases ("after dark"), A third major concern suggested by the first semantics unit is the problem

study that can be used by students who have a strong interest in pursuing way meaningful to students, concepts that are basic to further linguistic study. And in the work of writers like those cited above, it affords techniques of continuing value in the study of composition and literature. It introduces study that should be pursued in the fields of definition and logic. It introduces, in a has high priority in the teaching of English. It introduces concepts that are of of semantics. But even at its present level of development, general semantics suggest that in the near future there may be striking developments in the field Miller, 8 Osgood, 9 Foder and Katz, 10 Joos, 11 and that reported by Minsky 12 all more and more work is being done to refine semantic analysis. The studies of more concerned with semantics as a central problem in their respective fields, plines of philosophy, mathematics, psychology, and linguistics are becoming meaning of lems of semantics, the study of meaning. To reiterate, the major questions are semantics. Another outgrowth is the further development of the central prob-These four concerns—definition, logic, units of meaning, and change of meaning—are tangential outgrowths of the consideration of basic concepts of --?" and "How do words acquire meaning?" As the disci-— mean?" "How can we more exactly describe the

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SUGGESTIONS FOR FURTHER READING

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- S. I. HAYAKAWA, Language in Thought and Action. New York: Harcourt, with many exercises easily adaptable for student use. Brace, 1939. A more thorough exposition of principles of general semantics
- 3. MARVIN MINSKY, ed., Semantic Information Processing. Cambridge: MIT accomplished theory more precise and exacting than the field of general semantics has Press, 1968. The chapters illustrate recent attempts to develop a semantic

The study of language at a particular point in time is often referred to as synchronic linguistics whereas the study of language across time is called diachronic linguistics. But they are treated in the same chapter here because of their pedagogical similarities. The purposes of instruction in both are essentially the same. They are included in the curriculum to develop the student's general sensitivity to language. More specifically, it is hoped that the student will come to realize that language is a dynamic tool, that it is and that it is flexible. These realizations may have some effect upon the way the student uses language, although ity or a change in usage has not been proven.

The study of dialectology and language change are particularly interesting aspects of the study of language. This should, perhaps, not be surprising, considering the fascination we all show for "peculiarities" of other people's language and our easy adoption of neologisms. When students are given the techniques and opportunity to carry on investigations of these aspects of language study, their instriking contrast to the antipathy and apathy that the mar.

Also, the teaching structure for these two kinds of study is essentially the same. It consists of three major steps. First, the teacher presents a striking situation that focuses the students' attention on the area of study and the study will involve. Second, he leads the class in examining each of these major segments to help the students develop skill in using the techniques of linguistic investigation. Third, the students use these techniques to carry out findings to the class. This teaching structure is particularly adjustable to individual differences. The teacher can adapt

the instruction to the particular class and to individual students in the class through his management of four major variables: the depth and rigor of each segment of the overview, the grouping of students for their individual or small-group study, the support he gives each group or individual, and the format of reporting that he allows. In these ways he can be reasonably successful in involving the students and adapting the work to their levels of proficiency. So although dialectology and language history may be in many senses totally different kinds of study, they are in many ways similar pedagogically.

Dialectology

single project to which each student can make an important contribution. own in the area of their greatest interest. Or the class as a whole can plan a cedures that they can undertake an individual or small-group project of their enough familiarity with the main distinctions and enough skill with the protreatment to fit a particular class and particular students within the class. With such an organization, it is easy for the teacher to vary the depth of terial. As a result, at the end of these introductions, the students will have troduced, the teacher can help the students learn how to work with the madistinctions they have overlooked. As each kind of language variation is ineither to pursue distinctions that the students have suggested or to introduce kinds of language variations. The teacher can then use additional stimuli complished by presenting him with some recorded piece of language and diexist between different people's language patterns. This can be easily actions. The obvious first step is to call to his attention the vast differences that guage differently; in fact, he adapts his own language to many different situalanguage use. The discussion will lead to an outline of many of the major recting the resulting discussion toward the kinds of differences that occur in jectify knowledge that the student already has. He knows that people use lan-Instruction in dialect will merely enhance and perhaps ob-

Many records, films, and TV programs can be used to focus discussion on language usage initially. A few questions by the teacher will serve to develop the discussion. The three most basic ones are: How does the language differ from ours? (pronunciation, vocabulary, grammar) What do we learn about the speaker from his language? (where he lives, what groups he belongs to) Is he unusual, or do most people have special language patterns? The kinds of answers that the students give to such questions and the specificity they are able to accomplish in their answers will give the teacher a general diagnosis of the directions he should emphasize in the unit. He should be sure to bring out in this first introduction the distinction between pronunciation, vocabulary, and usage since these are basic categories that are useful in working with the various kinds of language variation. For example, if the teacher were to use Andy Griffith's "What it was, it was football," as an introduction, he could

segments of dialect study that the unit of instruction will investigate develop a set of guide questions for directing the discussion toward the major

DISCUSSION GUIDE QUESTIONS

- A. Why is the record funny?
- 1. How does the speaker's language differ from ours?
- What word did he lack for describing a football game?
- How did he pronounce "town," "here," and "right here"?
- What do we assume about the speaker because of his language? How would we say "what it was that was agoin' to happen"?
- Where does he live?
- What is his position in the community?
- What does he do for a living?
- d. How old is he
- Was the language effective?
- Was the way the speaker used language effective?
- What interfered with communication?
- Did he get the ideas across?
- Was it effective for Andy Griffith?
- a. What was his special purpose?
- Does he always talk that way?
- Does our language reveal the same things about us in the same way?

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study, and they are arranged in an outline form. It is possible that the first to help them see that language does sometimes reflect age level. With this additional questions such as "How does your speech differ from your parents?" their attention. For example, if question A2d draws the unanimous opinion ones. It is also possible that the class will need additional questions to direct questions will touch off the entire discussion without the use of additional introductory lesson, the students will be ready to investigate dialect differences. that his speech tells us nothing about his age, it would be necessary to ask The guide has at least one question for each of the major aspects of dialect

whose circumstances are considerably different from their own, but not with guage differences occur only with "foreigners" or "hillbillies," or any groups is important from this point of view to attack the problems that students will with the kind of distant case that student prejudice describes, it is much less blocks sensitivity or that is caused by a lack of sensitivity. If the unit deals only people they know. Both are of course the kind of language prejudice that the distance, the "queerer" the speaker. Second, they will assume that lanthe prejudice will be in terms of distance from their own language—the greater often display. They will make prejudiced judgments about correctness; usually language, it would seem appropriate to begin attacking that problem early. It Since the rationale for this instruction is to achieve greater sensitivity to

> started immediately as an investigation growing directly from the first lesson. Note that the last question in the discussion guide begins this emphasis. Although this emphasis should be maintained throughout the unit, it can be likely to be effective than if it can make a point with language closer to home.

ample? Who has a little brother or sister about three years old? Do they use discussion with the use of appropriate questions: "Do you know anyone who the students' immediate linguistic environment. Again the teacher focuses the uses peculiar pronunciation, vocabulary, or grammar? Can you give me an exself," and so on. Once the students are aroused, the teacher must provide a sounds funny? I bet you can think of some things that I don't even know myany funny variations that your family has picked up? What do I say that speaker? What is his age, occupation and approximate educational level? (3) by-five cards and a brief discussion of what information the class will want for answers to four questions: (1) What is the expression? (2) Who was the dents have given, the class will probably conclude with a citation slip that asks when a student reports on his findings. Using one of the examples that the stumethod of recording information. All that is necessary is a large stack of three-On the citation slip itself these questions should be reduced to what, who, Why did he use the expression? (To be funny? unconsciously? for emphasis?) In what circumstances did he use the expression? Who was his audience? (4) time each day for the students to report on their new findings and continue this when, why. With such procedures established, the teacher must allow some emphasis throughout the unit. (A bulletin board displaying cards in an outline veloped, the teacher proceeds with materials that stimulate the investigation of the major areas of language diversity. following the unit plan is a good project for students.) After this pattern is de-The second step of instruction is, then, the beginning of the examination of

should be noted that this kind of investigation is not a primary interest of the dialectologist. If he deals with it at all—which is unlikely—it will be as an adinvestigation because it is easy to identify and familiar to the students. (It This particular aspect of language variety is a good starting place for student are not, of course, exactly the same as those of the academic profession.) The junct to "social dialects." But the interests of good secondary school teaching extent. As a matter of fact, most vocational and avocational interest groups cabulary items primarily, although pronunciation and usage may vary to some variation in language patterns according to vocational interests involves voably simplified matter for research. In addition, students find it interesting to have developed their own dictionaries. Consequently, such study is a reasonof special interests that are usually not useful in school. (This is a good time to pursue for two reasons. First, it allows them to pursue and display knowledge interests.) Second, in the school setting itself they have built-in models of such refer to the students' interest inventories and encourage their display of such language specialization in the curricular and extracurricular interests they are Language patterns vary according to vocational or avocational interests.

a few leading questions will easily focus the students' attention on their own also build new interests in such a project. reasonably independently at a brief project in this area. Better students may dents' natural interests usually well enough developed that they can work uses of specialized vocabulary. The field is elementary enough and the stuspecialized language. Once the original discussion has introduced the concept, pursuing. Cooking, football, and the orchestra are all sources for the study of

PROJECT DIRECTIONS: Technical Language

- 1. Select an occupation, hobby, or special interest that you would like to tell the class about. (Sailors, cowboys, astronauts, stamp collecting, guns, rocks, football, cooking, sewing, baseball, and so on.)
- Select ten important words in that field that most outsiders do not understand. Make a dictionary of those ten words.
- Write a paragraph that briefly explains what the field is about. Use the important words that you have defined in your dictionary.
- Write a paragraph that says the same thing as the previous paragraph, but this time do not use any of the special words of the field.

not require much discussion for the students to objectify the major pointwith these kinds of skills, this project is an excellent one for them to pursue at it does not call for the more complex skills necessary to integrate the informastructure of dictionary entries, and structuring a paragraph. Notice also that that an individual's use of language differs due to his interests and background. serves only as an introduction to this segment of language difference. It will greater length as an individual project at the end of the unit. At this point, it tion into a well-structured paragraph. If weaker students are having trouble English skills—use of the reference sources of the library, understanding the Notice that this exercise offers a variety of possibilities for building basic

at hand, it has not been systematized either by the students' prior pursuits (as second lesson (technical language) did not demand. Although the material is specialized language that identifies ideas and specialized language that idenguage. A discussion of this distinction can point out the difference between a big name to something that has an equally precise name in everyday lanhave a name in everyday speech and specialized vocabulary that simply gives ulary that serves a special need by naming some thing or concept that does not close to the students' knowledge and interests but does demand skill that the but not of important concern to the dialectologist.) The investigation is very logically to a discussion of slang. (Again, this topic is of pedagogical concern slang identifies them with their peer group. The introduction of this idea leads tifies membership in a particular group. Usually students are aware that their This concept can be extended by discriminating between specialized vocab-

> dents must develop skill in collecting and organizing their own research. are slang dictionaries, they are never up-to-date on new slang. Also, the teacher may wish to review slang dictionaries before having the class use them. in the case with hobbies) or by any available library source. (Although there They often contain expressions that the teacher may wish to avoid.) The stu-

liarities that they have noted on citation slips and their work has been displayed on the bulletin board, all of them will have developed some skill with citation slips. The teacher need only focus their attention on their own slang. If the students have been given an opportunity to report on language pecu-

Teacher: What does the word "cob" mean as you use it?

Student 1: It means to steal something; when you "cob" something, you steal

Student 2: No, it doesn't. It's not that bad. It's not serious like stealing. You could cob somebody's pencil or book, but if you took something from a store you wouldn't say you "cobbed" it.

Student 3: Yes, you would.

After a consensus of definition, the teacher continues the discussion.

Teacher: What do we need to put on the citation slip?

Student 3: The word and the definition.

Student 4: And who used it.

Student 1: agers. And not just who, but what kind of people use it, like just teen-

Teacher: Do all teen-agers use "cob"?

Student 6: No, just us around here.

Teacher: You mean all over town?

Student 1: Well, maybe not. Maybe just at this school

Teacher: Then what do we need on the citation slip?

Student 1: Well, his name tells us that unless we don't know him, then we need to know where he goes to school.

Teacher: Good. O.K., now everybody make up a citation slip for "cob."

After students have done so and the teacher has collected them.

Teacher: O.K., let's see how many teen-age slang words we can list on the board in the next minute.

graph about adolescent slang. lects the citations, and after a brief discussion the students write a brief para-Citations on additional findings are discussed the next day, the teacher col-

the teacher can evaluate his teaching up to this point by the detachment with guage can perhaps be pursued with more detachment than prejudice. In fact, With this background the investigation of geographic distinctions in lan-

finally dealing with a concern of importance to dialectologists. which the students can discuss the problems of language geography. We are

carefully classified. The results have been more specific dialect boundaries of those areas. Vocabulary items and grammatical peculiarities have also been ered the specific pronunciation peculiarities that distinguish areas and have formulated lists of key words that will elicit these distinctions from inhabitants language samples. With the careful use of this tool, dialectologists have discovdistinctions is a phonetic alphabet that permits the accurate transcription of homes, often placing them exactly in large cities. A major tool in making such nomenal. They are sometimes able to place individuals within miles of their origins and backgrounds of individuals through analysis of language is phe-(isoglosses) than many would have imagined possible. The sophistication of some dialectologists in determining the geographic

nance usually flows from cultural and political centers of influence toward outmutual influence, or the patterns of one area may become dominant. Domiin close communication, they may become a single language community by tion from, other areas, the more it will absorb other patterns. If two areas are reflect its origins. The more it is influenced by communication with, and migrabarriers. The more isolated the language community, the more likely it is to will spread along courses of migration, which are influenced by geographic the area from which the original inhabitants come. These language patterns lying districts. terns. The original language patterns of an area will be very similar to those of tinctions, which might be classed under the general heading of influence pat-In addition, these investigations suggest a variety of causes for dialect dis-

in their own immediate environment and around the country. effort will provide resources for students to conduct some analysis of dialects as Kurath's A Word Geography of the Eastern United States. In short, a little seeing some of the dialect maps and questionnaire forms used in studies such ulations that represent a variety of dialect patterns. In addition students enjoy students from various parts of the country. Such students may be willing to act schools in advance. Sometimes, a particular school will be fortunate in having tapes. It is best to make arrangements with teachers in such cooperating students in those schools record their answers to the questions and return the with questionnaire forms to schools in various parts of the country, asking that mercially. (See Chapter 14.) Some teachers have their classes send tapes along as informants in a class's study of dialect. Other schools will have student pop-Various recordings for the study of American dialects are available com-

ing variants in response to such a question: going somewhere else when you should go to school?" Kurath lists the follow ing out of school all day without anyone knowing it?" or "What do you call tions to elicit response. For example, they might ask, "What do you call stayto give to students from other areas, they must work out the necessary ques-If the students wish to develop a questionnaire to send to other schools or

> skipped school laid out (of school)2 lay out (of school) bagged it bagged school hooked jack hooked school played hookey played truant

suggestions are helpful to the teacher: other differences. The teacher may also extend the lesson into grammar problems, but since they are minimal, he may only mention the possibility. Drake's The next step is to have them suggest other questions that might elicit

Heavy metal utensil for frying Small porch, often with no roof Window coverings on rollers Bread made of corn meal Playground equipment—goes up and down by balancing two people Wall made of rocks or stones Devices at edges of roof to carry off rain To coast lying down flat3 Worm used for bait in fishing Food eaten between regular meals Homemade cheese Round flat confection with hole in middle Kind of wooden fence Water outlets stomach

collecting and reporting evidence. At this point in the unit, it would be diffiness can be extended to a consideration of the differences between oral and of pride in self-identity and a form of hypocrisy? The concept of appropriategood manners and consequently appropriate, or is it, on the contrary, a failure students face the problem: Is our adaptation of our language a reflection of Although these issues cannot be resolved, it does seem necessary to let the tion and the appropriateness of such criteria for making value judgments. nected with language. The issue is part of the larger issue of custom and tradicult to avoid direct confrontation of the issue of value judgments conthe same pattern: Focus attention on the problem, and provide procedures for different times and in different places. The procedures for the teacher follow The students are, of course, aware that they "wear different language hats" at how one individual may use different language patterns in different situations. Another extremely important lesson is to teach the students to recognize

in such a way that the students' interest will be stimulated. is not to develop the concepts with great depth, but rather to introduce them ous writing styles demand. Again, the purpose of the instruction up to this point written language and to the arbitrary, tradition-oriented requirements that vari-

guage usage. the teacher's success in reaching his major objective-greater sensitivity to langation and preparation of reports on their discoveries. Such reports should be The students pick topics for further investigation and proceed with the investijudged on the usual compositional criteria and can serve as an evaluation of With this background, the fourth major step of the instruction can begin.

in difficulty all the way up to those appropriate for graduate students in college. have already done. For the more advanced students, the problems could range ample, the slowest students might simply extend and synthesize the work they Obviously the teacher can easily vary the individual assignments. For ex-

students' projects indicate that they have a less biased and more sensitive view of dialect differences first. However, the instruction can be judged successful without them if the is very helpful in providing worthwhile activity for students who finish projects is particularly appropriate. Shuy has many suggestions for activities in his most important being the addition of reading assignments. Shaw's Pygmalion Discovering American Dialects. 4 Having a variety of such materials available There are many possible ways to supplement or extend these activities, the

Language Change

swering the questions, "In what ways has language changed?" and "Why does language change?" Each major kind of change should be the subject of wholestartling illustration of how the language has changed and proceeding by an-After such an overview, they can proceed by studying any one aspect of change class instruction so that all students can answer the questions in a general way. ceed in much the same fashion as the unit on dialectology, beginning with a in greater depth. The instruction on language change should begin and pro-

spread inland, their Germanic language gradually replaced the earlier Celtic which retreated with its speakers to the northern and western area. This and Jutes, all apparently from the area of present Denmark and the Netherspoken in the British Isles. The Teutonic invaders included the Angles, Saxons, ning of the Teutonic invasions in the fifth century, both Celtic and Latin were British Isles and the invasion of the isles by Teutonic tribes. Celtic, the earliest lands. As they settled first in the southeast corner of the isles and gradually language, had survived the invasions of the Roman Empire, and at the beginperiods. The first begins with the withdrawal of the Roman Empire from the The history of the English language is usually segmented into four major

POSSIBLE RESEARCH TOPICS

- 1. Write a dictionary of the contemporary slang of your school
- What do adults know about teen-age siang?
 Of the slang of the 1920s, 1930s, or 1940s, what words became standard an adult's age be determined by the slang he knows? English? What words have died? Do adults still use these words? Can
- 4. What is the slang of the fifth and sixth graders of your community? What words does it have in common with your slang? What words are
- Ċ Are there differences in slang among the various schools at the same grade level?
- 6. What differences distinguish the language of teachers and students?
- Are there differences in language between students of the same age in different socioeconomic levels?
- What distinguishes the language of adults from the language of students?
- ·9 ·8 What distinguishes the language of people who are from different areas of the country?
- <u>10</u>. How many distinct sounds are there in the English language? Give examples of each sound.
- What are the differences in the use of the vocal organs that create the different sounds of our language?
- Describe the characteristics that distinguish the language of a TV personality.
- 13 Select a special interest group and determine what distinguishes the language of the group (plumbers, musicians, football players, and
- 14. How have patterns of speech moved west as our country developed?
- 15. Develop a map of the isoglosses of your community.
- 16. Explain the differences in language usage that one person shows in different situations.
- 17. Discover the peculiarities of language that develop within a single family.
- 18. What gestures do people use when speaking? What do they mean?
- What peculiarities of language can be found in the lyrics of modern popular, music?
- Develop a bulletin board of peculiar language usages that you hear on TV and radio or see in newspapers and magazines.
- What evidence of foreign language influence can be found in your community? In individuals of your community?
- 22. Do people speak differently on the telephone?

century, and it is this period of time-from the fifth century through the twelfth this first period is called Old English (O.E.). change in the language of the British Isles was well-established by the twelfth -that gives our language its basic Germanic characteristics. The language of

The period from the twelfth century through the fifteenth century is called

ever, the language is recognizable as the precursor of our present one. essentials foreign to today's speaker of English. By the end of the period, how-The language of the beginning of the Middle English period is in most of its came more important. Latin and French words replaced Old English words. During this period the language changed in many ways. The inflectional endthat by the fifteenth century English was a language common to all the people. ings that were a characteristic of Old English were dropped, and word order bethe Hundred Years' War, which made French the language of the enemy, so of the upper classes was accelerated in the fourteenth and fifteenth centuries by guage of the upper classes. By the end of the Middle English period, however, Middle English (M.E.). The beginning of this period, which immediately follows the Norman conquest in 1066, is marked by the use of French as the lan-French had lost its influence. The steady inroads of English into the speech

centuries is very close to that of today. mar. Although the language continued to change, changes were relatively minor, and the written language of the seventeenth, eighteenth, and nineteenth munication, the development and use of dictionaries, and the study of graminfluences as the continued increase in schooling, vast improvements in comfollowing centuries are ones of regularization and stardardization through such was the Renaissance itself, which, because of the tremendous expansion of knowledge in many fields, greatly increased and changed the vocabulary. The grammar and the orthography of the language. The second major influence had an essentially conservative effect and probably helped to stabilize both the crease in schooling and the invention of the printing press. Both of these forces language. The first is the spread of literacy, which was influenced by an inthe Renaissance. This period shows two profound influences on the English Modern English (Md.E.) begins with the sixteenth century, at the start of

of change in language, but we are too close to it to define with any certainty just how the change will affect it advertising men illustrate our willingness to play with and innovate language. roots. Our gadget-oriented society has caused a vast expansion of vocabulary It seems fair to conclude that M.A.E. will in the future be considered a period through neologisms. Writers such as E. E. Cummings and Madison Avenue ment has accounted for the inclusion of many words from Latin and Greek ing the language through borrowings from other languages. Scientific developever, seem possible. The "melting pot" has had the profound effect of extendchronic extension of the past. Some generalizations about M.A.E. do, howlish and is most often discussed as a synchronic entity rather than as a diaidentified as Modern American English (M.A.E.) or Current American Engbe passing fancies. Nevertheless, the present language of our country is usually spective, and what we think are general trends and developments may in fact historical efforts. Our lack of distance from the subject may distort our per-As we approach the present, language history shares the problems of all

Secondary school students seem to assume that language is static. Probably

as astonishing; some may respond with disbelief. But with this introduction, change? and Why does language change? They will have no difficulty naming they are ready to consider two basic questions: In what ways does language view. A recording of a passage in O.E., M.E., and Md.E. strikes most students the school's prescriptive emphasis on "correctness" in language reinforces this

WORKSHEET: Changes in Vocabulary

following events to have on the English language: Be prepared to explain to the class what influence you would expect the

- 1. As English settlers move west, they communicate with native American lish do not have. Indians who have names for crops, utensils, and places that the Eng-
- New Orleans is founded and settled by the French but eventually is absorbed by the English.
- As the Southwest is settled, raising cattle becomes a major occupation. been living in the area for many years and use many of their tools. The workers learn many of the methods of the Spanish people who had
- 4. Many Oriental people settle on the West Coast. They make many contributions to the area, but they are particularly noted because they will work for low wages and because their food is very different and very
- 'n tion carries their voices without wires. The discovery of electricity leads to a device that will carry people's voices over thousands of miles by means of wire. Finally, a new inven-
- A device is invented that will provide the power to pull people in a carriage without a horse.
- and easy to travel on. A man named McAdam invents a cheaper way to make roads smooth
- A machine is invented that will actually move through the air.
- A new game, baseball, is invented that becomes a national craze. Everythe game become common knowledge to everyone. body talks about it, and the words that describe special happenings in
- 10. A war occurs that not only involves many people in fighting but makes it necessary for everyone to make great changes in the way he lives.
- 11. The invention of the atomic bomb causes us to change our thinking about war. It also suggests that a new era is starting in which many things will
- 12. The Americans are in competition with the Russians. The Russians send up the first space capsule, which they call sputnik.

Specific questions:

will establish what they are able to articulate and will prepare them for instrucbe the extent of their knowledge. The general discussion of the two questions grammar. Moreover, they will probably be able to mention some causes of vocabulary change, such as events and new products. But this will probably the three major areas of language change: pronunciation, vocabulary, and tion in these areas.

occur in language. velop their knowledge of the causes and kinds of vocabulary change that can evident in today's culture. All they need for material is recent magazines and newspapers and a few carefully constructed worksheets from the teacher to dethe easiest one for students to work with is the change in vocabulary that is task. For that reason, instruction should begin with other problems. Perhaps Studying the specifics of early change in the English language is a complex

plored as in the following worksheet. fluence of specific new products or items that require new words to describe influence of borrowing, the influence of major historical events, and the inthem. Each of these may be developed. For instance, neologisms may be ex-This introduction will identify three major causes of language change—the

WORKSHEET: Neologisms

Neologisms are new (neo-) words (logo). There are many ways in which people coin new words.

- 1. The following words are called acronyms. How were they made up? VISTA WASP SCUBA
- UNESCO CORE
- 5 How was the word "acronym" made up? b. Find two acronyms other than those listed.

(acro, the Greek word for outermost, or the first letters + nyma, the Greek for name = names made up of the first letters of a group of

were created by joining two forms that already meant something. Find at least one additional word created by combining Greek or Latin forms. Look up "homonym," "synonym," and "homograph" to see how they

- ယ "sputnik." Find two more examples like these. Many words are borrowed from other languages like "Volkswagen" and
- 4. Some words are used because of their connotations-"Timex" for a two additional examples and explain how the original meaning is apwristwatch, "Heet" for an antifreeze, "Contac" for a cold medicine. Find propriate for its new use.
- 6 'n Many new words are adaptations of names of people or places-a more examples of this kind of neologism. "macadam" road, a "maverick" for an independent person. Find two
- See if you can find neologisms that do not seem to fit any of these cate-

of the etymological abbreviations that the dictionaries use. Looking up the into the variety of sources from which English has borrowed words. derivations of words in a few passages such as the one below provides insight the necessary etymological information and that students are versed in the use important that the teacher check to see that the available dictionaries include To investigate word borrowings requires special dictionary skills, so it is

WORKSHEET: Word Borrowings

English language: Tell when and from what languages the underlined words came into the

It is afternoon in the Highlands. A castle basks in the sun. A small Scottish breeze ripples across the loch.

As you travel around Britain, sights like this may tempt you to forget your schedule and loaf. Go ahead. Britain offers umpteen ways to take it

words in English is even more demanding if it requires research. Some problems can be selected that will demand relatively simple research. Those that The study of the way in which major events lead to the formation of new

WORKSHEET: Major events that have influenced our language

events to discover what new words it brought into our language: have had a strong effect on our language. Research one of the following such as sit-ins and freedom rides. We can find many other major events that groups, such as CORE and the Black Muslims; the names of new events, Recent integration problems have led to many new words: The names of

- 1. Women's recent dress fashions
- New schools of art in the 1960s
- Cosmetic and beauty-aid advertisements
- The atomic age

The space age

- 9 The automobile
- Baseball
- œ Prohibition and the 1920s Football
- 10. 9 World War I
- 11. World War II
- Integration
- Roman control of England
- The French conquest of England
- Pioneers moving west
- The Civil War

work in groups on these projects. need more research can be saved for the better students. Also, students might

word shortening is apparent in the change from airplane to plane, automobile to auto, and gymnasium to gym. Analogical change can often be observed in guage. Some general principles can be illustrated in M.A.E. For example, they demand a more specialized knowledge of the history of the English lanthe language of young children or in such nonsense verse as the following: Changes in pronunciation and syntax are more difficult for students because

PLURALS ARE SINGULAR

Now if mouse in the plural should be and is, mice,

Then house in the plural, of course,

should be hice,

And grouse should be grice and spouse should be spice

And by the same token should blouse become blice.

Then if one thing is that, while some

Then more than one hat, I assume more is called those,

would be hose,

And gnat would be gnose and pat

would be pose

And likewise the plural of rat would

be rose.5

student or to developing his understanding of how language changes. Addiand semantic change. guages, the changes of inflection and pronunciation in the history of English guage history. But such activity seems of relatively minimal importance to the categories, as Muinzer shows in his excellent brief summary of the field of lan-Three major kinds of activities seem basic: the relation of English to other lantional lessons must draw more directly on the work of language historians. The analysis of unintentional lapses in language can be developed into many

guages including Old English, Gothic, Latin, Greek, and Sanskrit. manuscripts led to a recognition of underlying similarities among many lanhad many similarities to European languages. In fact the study of old Sanskrit At the beginning of the nineteenth century, it was established that Sanskrit

can be traced to it. Charts showing the relationships among languages appear many present languages have grown from a single parent language, which has in most dictionaries. been named Indo-European to reflect the geographic areas whose languages On the basis of this kind of comparative work, linguists have established that

The principles behind the comparative study that makes this analysis pos-

sible can be demonstrated to students, using language samples like those below that are from Schlauch's The Gift of Language.

the same thing. Group them according to their similarities and differences. WORKSHEET: Indo-European Languages. All these language samples mean

French: Swedish: English: Russian: Spanish: Polish: Dutch: Danish: Norwegian: German: Portuguese: Icelandic: Czech: Rumanian: Flemish: Italian: Ja, mor, jeg har tre Oui, ma mère, j'en ai trois. Ja, moeder, ik heb drie. Sim, mãe, tenho tres. Já, módir, ek hefi prjá. Ano, matko, mám tři. Sí, madre, (yo) tengo tres Da, mati, u meni á tri. Jo, mor, jeg har tre. Ja, moeder, ik heb drie Si, madre, ce n'ho tre. Ja, Mutter, ich habe drei. Ja, moder, jag har tre. Da, mama mea, eu am trei Tak, matko, mam trzy. Yes, mother, I have three

TEACHER DISCUSSION GUIDE: Indo-European Languages

each on a 3" by 5" card and give each student a set, so he can manipulate such students it is wise to use fewer languages. The following questions led step by step through the analysis of similarities and differences; for classes, few questions will be necessary. Slower students may have to be same thing as the English, and ask them questions that will help them group them more easily.) Tell the students that each foreign sentence means the Distribute Worksheet I on Indo-European expressions. (If possible, print sented here only to illustrate the kind of procedure involved. quate classification. It would be far better to follow the spontaneous lead of should be used as they are necessary in the particular class to gain an adethese languages according to their similarities and differences. For brighter the class than to try to use the specific questions and answers, which are pre-

- 1. All these languages have many similarities that suggest that they are somehow related. What characteristics do all these languages have in common? (Initial letter in mother and the "r" in three.)
- How would you group these languages on the basis of their similarities and differences?
- What three groups could we make on the basis of the second letter in the word mother?

	Russian	
	Czech	Icelandic
	Italian	Danish
	Spanish _	Flemish
	Polish	Swedish
	Rumanian	Norwegian
	Portuguese	Dutch
German	French	English
III	Ħ	Ι

- ယ What letters in the words for "yes" suggest that our classification of mon. Group I is correct? (the initial y or j that all in Group I have in com-
- 4. On the basis of this evidence, is German closer to Group I or Group II? (Put German back into Group I.)
- 5. What letters of the words for "have" are similar in all Group I words? (Initial h in all the Group I words.)
- Let's look further at the languages we have included in Group II. Do you see any basis for subdividing them into two or three groups?
- How could we divide them into two groups on the basis of the letters in the words for "yes"? (i versus a; note that this misclassifies Rumanian as Slavic rather than Romance.

	Portuguese	Spanish	French	Па
Russian	Polish	Czech	Rumanian	ПР

- Ġ How do the letters of the word for "I have" support our classification? (All IIb languages include the letter m.)
- How does Rumanian differ from the other languages in IIb? (No t in mother; more than four words; e in three.)
- Where should we put Rumanian? (If the discussion flounders, the class could decide by vote; the decision is not important at this point.)

continue to direct the analysis until it is completed. languages of Group I. If they have not developed fluency, the teacher should divided into small groups to follow the same pattern in subdividing the If students have developed fluency in this pattern of analysis, they should

subdivision. Explain to the students that their analysis may differ from the linguists' because the linguists had more information to work from, including the pronunciation of these words When the student analysis is completed, distribute copies of the correct

corded and transcribed comparative passages in O.E., M.E., and Md.E. are a M.A.E. is fairly complex and relatively difficult to present to students. Re-An analysis of the changes in English from O.E. to M.E. to Md.E. ð

> cial projects of advanced students. raphy, and syntax. Additional study of this area should be reserved for spebrief analysis of some specific changes in vocabulary, pronounciation, orthogbasic tool. With these available, the teacher may lead the entire class in a

to specific, specific to general, good to bad, and bad to good: sheet below will allow students to discover changes in meaning from general The final introductory lesson is an analysis of semantic change. The work

WORKSHEET: Semantic Change

change they represent. in parentheses is the old or original meaning; the second is the modern one. Arrange these words into four groups according to the kind of semantic (changes in meaning) in English. For each word, the first meaning given The following words illustrate four of the chief types of semantic change

- 1. acorn (various kinds of nuts-the seed or nut of oak trees)
- bonfire (a fire for burning bones or corpses-any large outdoor fire)
- boor (a farmer—an ill-mannered person)

4

- boycott (an Irish captain who was ostracized by his neighbors-refusal to associate with any person or group)
- Ņ cad (a younger son of an aristocratic family—an ill-mannered fellow)
- cattle (property or wealth-cows, bulls, and steers)
- champagne (wine from a French district-any wine resembling French champagne)
- corn (a hard particle—the seed of a particular cereal crop)
- cunning (knowing or skillful—tricky or meanly clever)
- dean (an officer in charge of ten people-a major college administra-
- deer (any small animal—a particular animal with antlers)
- discard (reject a card—throw something away)
- ferry (travel—travel by boat)
- gossip (a godparent—a spreader of rumors)
- hussy (a housewife—a woman of low morals)
- knave (a boy—a villainous man)
- knight (a young male servant—a titled person)
- lady (a breadmaker—a woman of quality)
- martinet (a French general who was a stickler for discipline—any rigid disciplinarian)
- minister (a servant—a clergyman or statesman)
- pedagogue (a slave—an educator)
- shibboleth (a password used in the Bible-any word or phrase that identifies a particular group)
- shirt (a loose outer garment worn by either sex-a garment worn by a
- 24. skirt (a loose outer garment worn by either sex-a garment worn by a

ect may be offered additional suggestions for study, such as the following. Students who are interested in pursuing semantic change as an individual proj-

WORKSHEET: Dead Metaphors and Doublets

to explain the dead metaphor in each case ceals. Look up the origin of these words in a good dictionary and be ready more interesting to use when you know the lost metaphor that each conthese words "dead" metaphors. Here are some words that you will find that the comparison they originally conveyed has been forgotten. We call Many words that once embodied sharp metaphors have been used so long

9. eradicate 19. tribulation		8. embarrass 18. superfluous	7. eliminate 17. subtle	6. easel 16. sarcasm	5. delirium 15. result	 contrite precipitate 	 career prevaricat 	2. capricious 12. muscle	1. aplomb 11. magazine
301:	. tribulation	. superfluous		. sarcasm	. result	precipitate	 prevaricate 	muscle	. magazine

how the other meanings appear to have developed. ing is common to each set of doublets, what the original meaning was, and both have left the original meaning far behind. Tell what element of meanretains the original meaning and the other is a later development; sometimes an unabridged dictionary. Sometimes you will find that one of the words The following pairs of words or doublets have similar origins. Consult

a word was used at a certain date. the order of the definitions. Do not overlook quotations that show you how dictionary tell whether historical order or frequency of use determines meaning has changed. The explanatory notes at the beginning of your development, as most dictionaries do, the order will help you see the way the If the dictionary you use gives definitions in the order of their historical

12. poignant, pungent 13. praise, price 14. sergeant, servant 15. shirt, skirt 16. sole, sullen 17. soprano, sovereign 18. tabernacle, tavern 19. tradition, traitor 20. vast, waste	10. onion, union	mosquito, musket	8. lace, lasso	7. lap, lapel	jealous, zealous	5. guest, hostile	4. genteel, jaunty	etiquette, ticket	danger, dominion	1. daft, deft
H nt t	20. vast, waste	tradition, traitor	18. tabernacle, tavern	17. soprano, sovereign	sole, sullen	15. shirt, skirt	sergeant, servant	praise, price	poignant, pungent	 parole, palaver

effectiveness in making the students more sensitive to the diversity of language. control the difficulty of the task and should judge the success of the unit by its dent to pursue as an individual project. As with dialectology, the teacher may words shift in many ways. Each of these is an appropriate topic for the stuup in a variety of ways. (4) Major events have a strong influence on language. ing ideas: (1) Language changes in pronunciation, vocabulary, and grammar. manic languages of the Indo-European language family. (7) The meanings of (5) Analogy and shortening affect language. (6) English is one of the Ger-(2) Contact with other languages influences change. (3) New words are made The instruction in language change has introduced students to the follow-

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