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Vocabulary

Paul Nation Victoria University of Wellington

Paul Meara

University of Wales, Swansea

What is Vocabulary?

contains ten tokens. Even though the same word form be occurs twice, it is to count 'tokens'. The sentence 'To be or not to be, that is the question' is, or how fast someone can speak or read in words per minute, then we need on the reasons for asking the question. If we want to count how long a book a word?' and there are a variety of only partly satisfactory answers depending One of the most difficult questions to answer in vocabulary studies is 'What is we count items such as I'm or we'll as two tokens or one. If we are counting counted each time it occurs. When counting tokens, it is necessary to decide if repetitions such as $I \dots I \dots I$ said as tokens? We can only answer these tokens in spoken language, do we count um and er as tokens, and do we count questions by examining our reasons for counting.

and so they are not counted after their first occurrence. Some of the problems be, that is the question' contains eight word types. Both be and to occur twice, accurately) then we would count word 'types'. The sentence 'To be or not to learner has (words that are known well enough to be recognized quickly and uses. For example, if we are interested in how much 'sight vocabulary' a different meanings (generation (of electricity) and (the younger) generation) and high two types or one?). And, what do we do with identical types that have with counting types include deciding what to do about capital letters (are High Often, we are interested in how many different words someone knows or

the same word family and it is the total frequency of a word family that closely related word forms (mend, mends, mended, mending) as belonging to users draw on. There is evidence (Nagy et al., 1989) that language users see choose a unit of counting that reflects the kind of knowledge that language determines the familiarity of any particular member of that family. In other It our reason for counting is related to vocabulary learning then we need to

Vocabulary 37

families is in deciding what should be counted as a member of a family. The very closely related to each other. A major problem with counting word speech. So, approach, approaches, approached, approaching would all be that consists of the stem form and inflected forms that are all the same part of most conservative way is to count 'lemmas'. A lemma is a set of related words un- and non-, and suffixes, such as -ness and -ly. Bauer and Nation (1993) a word family would also include items made with derivational affixes, such as the stem and inflected forms, and are all verbs. A less conservative definition of members of the same lemma because they all have the same stem, include only suggest that as learners become more proficient, the number of items included

complete units. Others may be constructed from known parts but are used so in their word families will also tend to increase. day, which seem to be used like single words. Some of the groups may be items often that it is more efficient to treat them as a single unit. Pawley and Syder that have not been analysed into parts but are just learned, stored and used as which they can draw on when using the language. These MWUs go by several they have stored very large numbers of these 'multi-word units' (MWUs) (1983) suggest that native speakers speak appropriately and fluently because There are some groups of words, such as good morning and at the end of the

units which are 'ready to go'). 'Preformulated language' (emphasizing how MWUs can be stored as single 'Formulas' (emphasizing how MWUs can be repeatedly used instead of

having to generate new ways of saying things)

'Lexical phrases' (emphasizing how certain phrases are typically used to achieve particular functions in everyday life, for example Have you heard the one about _____ is commonly used to introduce a joke).

a property called 'collocation'. Although we have always been aware of some general acceptance. So, what is considered to be a MWU will depend on the advent of corpus analysis, which has brought extended lexical patterning into MWUs, for example idioms, research into MWUs has only blossomed with the substituted with other words; rather they have strong partnership connections counting these MWUs is still difficult, as no defining criteria have yet gained the light (see Chapter 6, Corpus Linguistics). Because this is a new area non-compositional (the meaning of the unit could not be inferred from the purpose of the counting. If the goal is to count items that would require words. That is, MWUs are much less frequent than single high-frequence frequency items, if the frequency cut-off point was the same as that for single learning for comprehension then the MW/Us would need to be to some degree words. If the goal of counting is to come up with a list of items that could meaning of its parts). This criterion would result in a rather short list of high contribute to fluency and a native-like turn of phrase then the MWUs need a A key feature of these MWUs is that the words in the unit cannot be freely

What Vocabulary Should be Learned?

(Nation, 2001).

tions - the needs of the learners and the usefulness of the vocabulary items. The results of a frequency-based study are: frequency and range in a relevant corpus. The most striking features of the What vocabulary to focus on should be determined by two major consideratraditional way of measuring the usefulness of items is to discover their

- many times and some occurring only once. The very wide spread of frequencies, with some items occurring many
- The relatively small number of words needed to cover a very large proportion of the tokens in a text.
- small proportion of the tokens in a text The very large number of low frequency items that account for a very

or twice are listed because there were too many of them to show here. cumulative coverage of the tokens. In Table 3.1 not all the words occurring once section contained 204 different word types which made up 169 word families. result of a frequency count of a 500-token section of this chapter. The 500-word Table 3.2 lists the frequency, the number of words with that frequency, and the These three points are illustrated in Table 3.1 and Table 3.2. Table 3.1 is the

Table 3.1 A frequency list of a 500-word text

Counting Tokens	7 2 3 8	Word Or Are	(¥e That	And	·오큐
\ \ \ \	1/00	10 8	12 12	16	22 18
Counted For Forms	Related With Words	Occurs	Vocabulary All Do	Same Types	Family What
ယယယ	444	444	044	ı (J.	100

	Table 3.1 -
•	COmmode

Deciding Different	Contains	Cosely		Answer	Would	(W)Ce	1 1	Zen Zen	Change Change	Othertion) <u>-</u>	Ng.		Lanavage	Items	Include	How .	
22	N	2	2	21	\	، دیا	ω	ω	ω	ω	ω	ω	ω	ω	C.	. .	ა (ມ (د.
•	Being	Because	Bauer	Asking	Approaching	Approaches	Approached	Approach	Any	Answers	Anderson	Also	Alter	Affixes	10000	About		Form	Each
117	_	. –	.	4	. —	. –			- ·-		 -	- ب				_		2) N

Table 3.2 Number of words and coverage tor each frequency

- N W I	<u> </u>	10 a	7
		10 and above 8 occurrences	requency N
16 32 125	4 4 4 8	10 word types 3	Number of types
62.4 75.2 100	42.4 46.4 52.8	29.6 34.4 40.0	s Cumulative coverage of text
			of fext (%

for course design. The classic list of the most useful words of English is learning a language. Several such lists exist and they provide a very useful basis up with lists of words that will be very useful for people in the early stages of contains 2000 high-frequency words. There is plenty of evidence that 2000Michael West's (1953) A General Service List of English Words (GSL) which By making frequency counts of large relevant corpora, it is possible to come

> corpus where spoken language is well represented. The GSL is based on spoken and written discourse. written language, and so needs to be updated by a new list based on both words is an appropriate size for such a list, but the list needs to be based on a

more detail later in this chapter. from word cards, using word parts and dictionary use. We will look at these in words, but they should do this incidentally or deliberately in their own time. learning low-frequency words after they have learned the high-frequency that they do not deserve teaching time. Of course, learners need to keep on quent, have such a narrow range of occurrence and make up such a large group ensuring that they are well learned. The low-frequency words are so infregroup that both teachers and learners can usefully spend considerable time 'deliberate' learning. These strategies include guessing from context, learning Teachers should focus on strategies that help learners do this 'incidental' or These words are so frequent, so widespread and make up such a manageable frequency words need to be the first and main vocabulary goal of learners. frequency from low-frequency words then it seems clear that the highdealing with vocabulary. If we use frequency counts to distinguish high-The information from frequency studies suggests a cost-benefit approach to

of these words have more than one largely unrelated meaning, for example these meanings is much more frequent than the other. issue ('problem'), issue ('produce, send out'), but almost invariably one of academic purposes who have learned the high-frequency words of English. On and valid. These words are a very important learning goal for learners with of academic texts. The list includes words such as evaluate, invest, technology average, there are 30 of these words on every page of an academic text. Some of 570 word families which account for 8.5-10% of the tokens in a wide range intend to do academic study through the medium of English. The list consists and making special purposes vocabulary lists. The most useful of these lists is and learners should give attention to by looking at the needs of the learners the Academic Word List (Coxhead, 2000) which is designed for learners who It is possible to increase the number of high-frequency words that teachers

How Should Vocabulary be Learned?

Many teachers would assume that vocabulary learning stems mainly from the learning in turn. to be more broadly based than this. Let us look at four strands of vocabulary direct teaching of words in the classroom. However, vocabulary learning needs

and Reading) learning Yocabulary from Meaning-focused Input (Listening

Although this kind of learning is less sure than deliberate study, for native tening and reading, accounts for most first language vocabulary learning. learning from meaning-focused input, that is, learning incidentally through lis-

speakers there are enormous opportunities for such learning (Nagy, Herman and Anderson, 1985). For such learning to occur with non-native speakers, three major conditions need to be met. First, the unknown vocabulary should cent, which would mean one unknown word in 50 (Hu and Nation, 2000; see make up only a very small proportion of the tokens, preferably around two per occurrence of the same vocabulary in the deliberate learning strand of the if there is more deliberate attention to the unknown vocabulary through the preferably one million tokens or more per year. Third, learning will be increased Chapter 13, Reading). Second, there needs to be a very large quantity of input, course and through consciousness-raising of unknown words as they occur through glossing (Watanabe, 1997), dictionary use and highlighting in the text. vocabulary needs to be met a number of times to allow the learning of each It is important to remember that incidental learning is cumulative and therefore

organized, well-monitored, substantial extensive reading programme based word to become stronger and to enrich the knowledge of each word. helpful for learners in the beginning and intermediate stages, as they best Waring, 1997a; Day and Bamford, 1998). Graded readers are particularly largely, but not exclusively, on graded readers (for substantial reviews, see about 25,000-35,000 words long written within a 2000-2500-word family 300-500-word family vocabulary. These go up in four to six stages to books reader series begins with books about 5000 words long written within a realize the three conditions for learning outlined above. Typically, a graded vocabulary. Nation and Wang (1999) estimate that second language learners need to be reading at least one graded reader every two weeks in order for noticeable learning to occur. In the past, graded readers have been accused of criticisms all have a grain of truth in them, but they are now essentially misthe full richness of the English language, and are poorly written. These being inauthentic reduced versions of texts which do not expose learners to have key advantages: even beginning and intermediate learners with limited informed. There are currently some very well-written graded readers which authentic usage, even if the text itself is not purely 'authentic'. Learners find in vocabulary sizes can read simplified readers for pleasure, which is an The core of the meaning-focused input strand of a course is a wellimpossible to respond authentically to texts that overburden them with

of low unknown vocabulary load, quantity of input and some deliberate attenunknown vocabulary. input, which directly affects repetition, may be partly achieved through tion to vocabulary are necessary for effective vocabulary learning. Quantity of several days. Deliberate attention to vocabulary can be encouraged by the repeated listening, where learners listen to the same story several times over asking for clarification (Ellis, 1994, 1995; Ellis and Heimbach, 1997; Ellis and He, 1999). Newton (1995) found that although teacher quickly defining unknown items (Elley, 1989), noting them on sure way of vocabulary learning, the bulk of vocabulary learning was through He, 1999). Newton (1995) found that although negotiation is a reasonably Listening is also a source of meaning-focused input and the same conditions

> there are many more opportunities for this kind of learning to occur. the less sure way of non-negotiated learning from context, simply because

and Writing) Learning Vocabulary from Meaning-focused Output (Speaking

use of a partly known word in speaking or writing can help strengthen and enrich knowledge of the word. each other. Such negotiation is often successful and positive (Newton, 1995). opportunities for learners to negotiate the meanings of unknown words with vocabulary. Second, speaking activities involving group work can provide of annotated pictures or definitions, which encourage the use of new several ways. First, activities can be designed, such as those involving the use writing, is necessary to move receptive knowledge into productive knowledge. Third, because the learning of a particular word is a cumulative process, the This enhancement of vocabulary through the productive skills can occur in Learning from meaning-focused output, that is, learning through speaking and

reshape the written input to a particular purpose. input, and encouraging creative use of the vocabulary through having to parts of the written input are most likely to be used in the task, using retelling, speaking activities that try to optimize vocabulary learning by careful design of role-play or problem-solving discussion which draws heavily on the written the written input to such activities. These guidelines include predicting what Joe, Nation and Newton (1996) describe guidelines for the design of

which it can play in speaking tasks, writing, but written input to the writing task could play a role similar to that There are no studies of the learning of particular vocabulary through

Deliberate Vocabulary Learning

illustrated below through the use of word cards. very useful set of learning guidelines (Nation, 2001). These guidelines are history of research on deliberate vocabulary learning, which has resulted in a more focused and goal-directed than incidental learning. There is a long makes that learning more effective (Schmidt, 1995). Also, deliberate learning is not surprising as noticing and giving attention to language learning generally learning characteristically show that direct learning is more effective. This is Studies comparing incidental vocabulary learning with direct vocabulary

- The Retrieve rather than recognize. Write the word to be learned on one side of a small card and its translation on the other side. This forces retrieval of them both together does not do this. the item after the first meeting. Each retrieval strengthens the connection between the form of the word and its meaning (Baddeley, 1990). Seeing
- Use appropriately sized groups of cards. At first start with small packs of cards about 15 or 20 words. Difficult items should be learned in small

Space the repetitions. The best spacing is to go through the cards a few spacing is much more effective than massing the repetitions together into the next day, and then a week later, and then a couple of weeks later. This minutes after first looking at them, and then an hour or so later, and then an hour of study. The total time taken may be the same but the result is different. Spaced repetition results in longer lasting learning.

Repeat the words aloud or to yourself. This ensures that the words have a

good chance of going into long-term memory.

word into word parts if possible. The more associations you can make depth of processing techniques like the keyword technique (see below). Think of the word in language contexts and situational contexts. Break the Process the words thoughtfully. For words which are difficult to learn, use

Avoid interference. Make sure that words of similar spelling or of related meaning are not together in the same pack of cards. This means days of the with an item, the better it will be remembered. words belonging to the same category, such as items of clothing, names of months of the year, numbers, opposites, words with similar meanings, and week should not be all learned at the same time. The same applies to fruit, parts of the body and things in the kitchen. These items interfere with each other and make learning much more difficult (Higa, 1963; Tinkham,

Avoid a serial learning effect. Keep changing the order of the words in the pack. This will avoid scrial learning where the meaning of one word 1997, Waring, 1997b; Nation, 2000).

Use context where this helps. Write collocates of the words on the card too where this is helpful. This particularly applies to verbs. Some words are reminds you of the meaning of the next word in the pack.

most usefully learned in a phrase.

of vocabulary size which then needs to be consolidated and enriched through learning programme. It can result in a very quick (and long-lasting) expansion grammar, collocation, associations, reference and constraints on use that may that deliberate learning by itself usually does not provide the knowledge of meaning-focused input and output, and fluency development. The meaning focused and context-based exposure also complements deliberate learning in Deliberate vocabulary learning is a very important part of a vocabulary

to result in well-established vocabulary learning. This requires what has been be best learned through meeting items in context. vocabulary learning. Such teaching can have three major goals. First, it can aim several aspects of what is involved in knowing a word such as its spelling involves spending a reasonable amount of time on each word and focusing or called 'rich instruction' (Beck, McKeown and Omanson, 1987: 149). This Deliberate vocabulary teaching is one way of encouraging deliberate

> concepts and meaning extensions, collocational patterns and types of associaand Ellis, 1994), word parts, (prefixes, stems and suffixes), underlying tions (Miller and Fellbaum, 1991). include sound-spelling correspondences (Wijk, 1966; Venezky, 1970; Brown language that will be of use in learning a large number of words. These features is intended to have the effect of improving comprehension of a following text contexts of use. Such rich instruction is necessary if pre-teaching of vocabulary learners gain knowledge of strategies and of systematic features of the learning. Third, deliberate vocabulary teaching can have the aim of helping vocabulary teaching has the modest aim of beginning the process of cumulative particular words so that they are noticed when they are met again. Here, lary teaching can have the aim of simply raising learners' consciousness of should be directed towards high-frequency words. Second, deliberate vocabupronunciation, word parts, meaning, collocations, grammatical patterns and (Stahl and Fairbanks, 1986). Because of the time involved in rich instruction, it

Deliberate vocabulary teaching can take a variety of forms including:

- Pre-teaching of vocabulary before a language use activity.
- and definitions, and creating word families using word parts or semantic Exercises that follow a listening or reading text, such as matching words mapping.
- Self-contained vocabulary activities like the second-hand cloze (Laufer and Osimo, 1991).
- Word detectives where learners report on words they have found.
- Collocation activities.
- Quickly dealing with words as they occur in a lesson

Developing Fluency with Vocabulary across the Four Skills

Or grammar but aim at fluency in listening, speaking, reading or writing. Pressure to perform at a higher-than-normal level. Because of these conditions, involve unknown vocabulary. The conditions needed for fluency development use of what is already known. Thus, fluency development activities should not available for fluent use. Developing fluency involves learning to make the best knowing vocabulary is important, but to use vocabulary well it needs to be fluency development activities do not usually focus specifically on vocabulary involve a large quantity of familiar material, focus on the message and some

many connections and associations with a known item. Rather than following of a text) and rehearsed talks. The second approach to fluency relies on making Where the learner makes repeated attempts to record their best-spoken version then two minutes on the same topic to different learners), the best recording 43/2 technique (where learners speak for four minutes, then three minutes, can be performed fluently. This includes activities such as repeated reading, the primarily on repetition and could be called 'the well-beaten path approach' to fluency. This involves gaining repeated practice on the same material so that it there are two general approaches to fluency development. The first relies

44 An Introduction to Applied Linguistics a wide variety of contexts and situations. This includes speed-reading practice, called 'the richness approach' to fluency. This involves using the known item in one well-beaten path, the learner can choose from many paths. This could be easy extensive reading, continuous writing and retelling activities. The aim and result of these approaches is to develop a well-ordered system of vocabulary. paths to the wanted item. This is one of the major goals of language learning language and can use a variety of efficient, well-connected and well-practised Fluency can then occur because the learner is in control of the system of the

and is not easily achieved. learning MWUs can occur across the four learning strands as well. Most provide useful conditions for establishing knowledge of these units. language use rather than deliberate study. Fluency development activities learning of such units should occur through extensive meaning-focused This discussion has focused on the learning of individual words, but

Strategy Development

context clues, deliberately studying words on word cards, using word parts Language Learner, for more on strategies). These strategies are guessing from words and making the words stay in memory (see Chapter 10, Focus on the There are four major strategies that help with finding the meaning of unknown and dictionary use. These are all powerful strategies and are widely applicable. Because they provide access to large numbers of words, they deserve substanthey are essential for the low-frequency words. Because there are thousands of the use of these strategies that it seems easier to use them than not use them tial amounts of classroom time. Learners need to reach such a level of skill in not spend classroom time teaching them. Instead, teachers should provide low-frequency words, and each word occurs so infrequently, teachers should These strategies are useful for the high-frequency words of the language and training in the strategies so that learners can deal with these words independent

Guessing from Context

strategies. To learn the strategy and to use it effectively, learners need to know Guessing a meaning for a word from context clues is the most useful of all the 95-98% of the tokens in a text. That is, the unknown word to be guessed has guessing strategy have to be seen from the perspective that learning and to have plenty of comprehensible supporting context. The results of using the can take knowledge of the word forward. Nagy, Herman and Anderson (1988) information about a word, but most contexts provide some information that particular word is a cumulative process. Some contexts do not provide a loron estimated that native speakers gain measurable information for up to ten per gains from such guessing could be 1000 or more words per year. For second seem low, if it is looked at over a year of substantial amounts of reading, the cent of the unknown words in a text after reading it. Although this figure may

> and for the higher frequency words, opportunity to use them in meaningfocused output. strand and this should be complemented by direct learning of the same words, language learners, learning from guessing is part of the meaning-focused input

wider context, including conjunction relationships, and common-sense and context clues. but it is a very useful way of checking on the accuracy of a guess based on background knowledge. Word part analysis is not a reliable means of guessing, linguistic clues in the immediate context of the unknown word, clues from the de Glopper, 1998; Kuhn and Stahl, 1998). Such training should focus on Training in the skill of guessing results in improved guessing (Fukkink and

guesses with little interruption to the reading process. worked on over several weeks until learners can make largely successful the general development of these skills. Training in guessing needs to be reading skills. Training learners in guessing from context needs to be a part of Successful guessing from context is also dependent on good listening and

Learning from Word Cards and Using Word Parts

experiencing a lot of enjoyment. keyword fun (teeth). The image might be a big smile showing teeth, or a tooth the English word fun (happiness, enjoyment) combining with the Thai the foreign word. So, for example, the learner has to think of the meaning of step, the meaning of the keyword is combined in an image with the meaning of English wanting to learn the English word fun. In the first step, the learner word. To explain the technique let us take the example of a Thai learner of can be brought into play once the learner has access to the meaning of the gives results about 25 per cent higher than ordinary rote learning. The keyevidence supporting its use is substantial (Nation, 2001). There are also very This is the keyword. Thai has a word fun which means 'teeth'. In the second thinks of a first language word that sounds like the foreign word to be learned. word technique is used to help link the form of a word to its meaning and so Although such rote learning is usually frowned on by teachers, the research already been described in the section on the deliberate study of words The most well-researched of these is the 'keyword technique' which typically useful mnemonic strategies that can increase the effectiveness of such learning. The strategy of learning vocabulary from small cards made by the learners has

meaning of the word including the meaning of the parts in the definition second step is to relate the meaning of the parts to the meaning of the whole of the word into parts is like the first step of the keyword technique. The similar. If the learner meets the word apposition meaning 'occurring alongside word which is a simple procedure for apposition. This is done by restating the "" (signalling a noun). The word parts are like keywords, and the analysis form of ad-meaning 'to' or 'next to'), pos (meaning 'to put or to place'), and each other, the learner needs to find familiar parts in the word, ap- (which is a Using word parts to help remember the meaning of a word is somewhat

'placed next to each other'. To make use of word parts in this way the learner receds to know the most useful word parts of English (20 or so high-frequency needs to know the most useful word parts of English (20 or so high-frequency prefixes and suffixes are enough initially), needs to be able to recognize them in prefixes and increase to be able to relate the their various forms when they occur in words and needs to be able to relate the meanings of the parts to the meaning of the definition. Like all the strategies, meanings of the parts to the meaning of the definition. Like all the strategies, this requires learning and practice. Because 60 per cent of the low-frequency words of English are from French, Latin or Greek and thus are likely to have word parts, this is a widely applicable strategy.

Dictionary Use

Dictionaries may be monolingual (all in the foreign language), bilingual (foreign language words-first language definitions and vice versa) or (foreign language words-first language definitions also provided). bilingualized (monolingual with first language definitions also provided). Learners show strong preferences for bilingual dictionaries and research indicates that bilingualized dictionaries are effective in that they cater for the range of preferences and styles (Laufer and Hadar, 1997; Laufer and Vicamel 1997).

Kimmel, 1997).

Dictionaries may be used 'receptively', to support reading and listening, or Dictionaries may be used 'receptively', to support writing and speaking. Studies of dictionary use 'productively', to support writing and speaking. Studies as effectively as they could, indicate that many learners do not use dictionaries as effectively as they could, indicate that many learners do not use dictionary use could have benefits. and so training in the strategies of dictionary use could have benefits. Dictionary use involves numerous subskills such as reading a phonemic Dictionary use involves numerous subskills such as reading a phonemic Dictionary use involves numerous subskills such as reading a phonemic Dictionary use involves numerous subskills such as reading a phonemic Dictionary use involves numerous subskills such as reading a phonemic Dictionary use involves numerous subskills such as reading a phonemic Dictionary use involves numerous subskills such as reading a phonemic Dictionary use involves numerous subskills such as reading a phonemic Dictionary use involves numerous subskills such as reading a phonemic Dictionary use involves numerous subskills such as reading a phonemic Dictionary use involves numerous subskills such as reading a phonemic Dictionary use involves numerous subskills such as reading and listening, or produced that the produced involves numerous subskills are reading and dictionary use involves numerous subskills are reading and listening, or produced involves numerous subskills are reading and listening, or produced numerous subskills such as reading and listening, or produced numerous subskills are reading and listening numerous subskills such as reading and listening numerous subskills are reading and listening numerous subskills are reading and listening numerous subskills are reading numerou

Training learners in vocabulary use strategies requires assessment to see Training learners in vocabulary use strategies requires assessment to see what skill and knowledge of the strategies the learners already have, planning what skill and knowledge of the strategy, helping learners a programme of work to develop fluent use of the strategy, helping learners value the strategy and be aware of its range of applications, and monitoring value the strategy and be averaged in controlling the strategy. Each of the strategies described above are powerful strategies that can be used with strategies described above are powerful strategies that can be used with thousands of words. They each deserve sustained attention from both reachers and learners.

Assessing Vocabulary Knowledge

Vocabulary tests can have a range of purposes:

- To measure vocabulary size (useful for placement purposes or as one
- element of a proficiency measure).

 To measure what has just been learned (a short-term achievement measure)
- measure).

 To measure what has been learned in a course (a long-term achievement).
- measure).

 To diagnose areas of strength and weakness (a diagnostic measure).

Although no standardized vocabulary test has been truly well-researched, the following four have some research evidence supporting their validity (see Chapter 15, Assessment). They include the Vocabulary Levels Test (Schmitt, 2000; Nation, 2001; Schmitt, Schmitt and Clapham, 2001), the Productive Levels Test (Laufer and Nation, 1999), the Eurocentres Vocabulary Size Test (Fountain and Nation, 2000). Each of these tests samples from a range of Levels Test uses a matching format where examinees write the number of their answer in the blanks.

Э,	S	4	. (u	Ŋ	F
6 wall	shoe	pencil	norse	-	clock	Octos Trees
	Similar tor mann O.	something used for writing	animal with four legs	Part of a house	that of a l	

The test has five sections, covering various frequency levels, and so the results can help teachers decide what vocabulary level learners should be working on. Because teachers should deal with high-frequency and low-frequency words in different ways, the results of this test can also help teachers decide what vocabulary work they should be doing with particular learners or groups of learners.

The Productive Levels Test requires learners to recall the form of words using a sentence cue.

They keep their valuables in a va_____ at the bank.

The first few letters of each tested word are provided to help cue the word and to prevent the learners from writing other synonymous words. This test to move towards productive mastery.

The EVST uses a yes/no format where learners see a word on a computer screen and then have to decide if they could provide a meaning for the word. The test includes some imitation words that look like real words ('ploat') and learners' scores are adjusted downwards by the number of times they say that they know these non-words. The test gives an estimate of vocabulary size which can help inform placement decisions.

The vocabulary dictation tests each consist of five paragraphs, with each successive paragraph containing less-frequent vocabulary. The test is actually marked. There are four versions of the test. It can be used for determining the extent of learners' listening vocabulary quickly.

As can be seen in the above examples, there is a wide variety of vocabulary formats. Different test formats testing the same vocabulary tend to

considerable role in determining the results of a vocabulary test. This also correlate with each other around 0.7, indicating that test format plays a suggests that different test formats may be tapping different aspects of vocabulary testing and these are well covered by Read (2000) in his book vocabulary knowledge. There are a number of issues that complicate devoted to assessing vocabulary.

Limitations on Generalizing Vocabulary Size Estimates and Strategies to Other Languages.

It is worth pointing out that most of the research on vocabulary has been done within the broad context of English Language Teaching (ELT). This is rather ings reported in the earlier part of this chapter may not always be generalizable particularly so as far as its vocabulary is concerned. This means that the findunfortunate, since English is a very peculiar language in some respects, and

to other languages in a straightforward way.

as: book, write, read, desk, letter, secretary and scribe. These words are all Consider, for example, the set of objects and actions that in English are labelled to tell this simply by looking at the words. They share no physical similarities related semantically in that they refer to written language, but it is impossible words to cover all these meanings. In other languages, this is not always the at all, and this means that learners of English have to acquire seven separate marked as belonging to the same semantic set, and the learning load is of vowels. This means that in Arabic all seven English words are clearly which contain a shared set of three consonants - in this case k-t-b. The case. In Arabic, for example, all seven meanings are represented by words different meanings are signalled in a systematic way by different combinations The chief characteristic of English vocabulary is that it is very large.

correspondingly reduced. of English vocabulary. A substantial proportion of English vocabulary is numbers of Norman French words found their way into English, and these basically Anglo-Saxon in origin, but after the Norman invasion in 1066, huge words often co-existed side-by-side with already existing native English words based on Latin and Greek. This means that English vocabulary is made up of when scholars deliberately expanded the vocabulary by introducing words English vocabulary was again very heavily influenced in the eighteenth centural layers of words, which are heavily marked from the stylistic point of view Some examples of this are: There are also some historical reasons which contributed to the complexing

horse cow pork beef mutton porcine equine ovine bovine

> examples of the same process operating in other lexical fields as well, since it is animals as you might find them in an anatomy text book. It is very easy to find parallel forms based on Latin or Greek, which are used in particular, specialist very widespread in English. Almost all the basic Anglo-Saxon words have find them in a feast, whereas the third column (learned words) describes the second column (Norman French derivatives) describe the animals as you might The first column (Anglo-Saxon words), describes animals in the field, the

these expressions are composed. they could easily be understood by people who knew the easy words of which these languages, the meaning of these expressions is entirely transparent, and literally translate as stealing writing or stealing cows or stealing aircraft. In languages, these ideas would often be described by words or expressions that in English: the words themselves contain no clues as to their meaning. In other works, rustling to describe stealing other people's cows and hijacking to uses plagiarism to describe stealing quotations from other people's literary languages often use circumlocutions based on simpler items. Thus, English describe stealing other people's airplanes. These terms are completely opaque English also has a tendency to use rare and unusual words where other

The Lexical Bar

quite the same extent in other languages. learning burden for non-native speakers, and one which is not always found to cause you to be completely misunderstood. All this represents a significant a word in the wrong context can cause offence, make you look like an idiot or night be appropriately used in a conversation with a medical colleague. Using priately used with children, others will only appear in written reports, others words will only occur in speech with patients, some would only be approwords for the same body parts (ocular, auricular, lumbar, etc.) They may also words for body parts (eye, ear, back, etc.) as well as a set of formal learned regarded as taboo (stomach/belly, bum, arse, bottom, etc.). Some of these need to acquire a set of familiar words which refer to body parts which are appropriately. Trainee doctors, for example, need to master a set of familiar extra. A large part of English education is about learning this difficult vocabu-English speakers are expected to know these words and to be able to use them lary, which Corson (1995) called the 'lexical bar' or barrier, and educated Unfortunately for EFL learners, the opaque terms are not just an optional

this easily in English. In some other languages - German is a good example - it Yerb out of any noun by adding the appropriate verbal ending, or to make an adjective by adding an appropriate adjectival ending. You cannot always do languages with a rich morphology, for example, it is often possible to make a but there is more of a 'system' for inventing new words (Ringbom, 1983). In in which they appear. In other languages, the number of basic items is smaller, large number of different 'items', which are layered according to the contexts The basic problem here seems to be that English vocabulary consists of a

is possible to create new words by combining simple words into novel, compound forms. Native speakers learn these systems, and develop the ability to pound forms. Native speakers learn these systems, and develop the ability to create new words as they need them, and to easily decode new words created by other speakers when they hear them. In these languages, having a large vocabulary may be less important than having an understanding of the process of word formation and having the ability to use these processes effectively and

efficiently as the need arises. An important consequence of this is that some of the statistical claims put An important consequence of this is that some of the statistical claims put An important consequence of this is that some of the languages. In forward for English will not apply straightforwardly to other languages. It is possible, for example, we would normally consider a vocabulary of 4000–5000 English, for example, we would normally consider a vocabule, for example that in a may not be the case for other languages. It is possible, for example that in a may not be the case for other languages. It is possible, for example that in a may not be the case for other languages. It is possible, for example that in a may not be the case extensive use of compounding, and has a highly language which makes extensive use of 2000–3000 words might developed morphological system, a vocabulary of 2000–3000 words might developed morphological system, a vocabulary which could be constructed give you access to a very much larger vocabulary which could be constructed give you access to a very much larger vocabulary which could be constructed give you access to a very much larger vocabulary which could be constructed give you access to a very much larger vocabulary which could be constructed give you access to a very much larger vocabulary of 2000–3000 words might developed morphological system, a vocabulary of 2000–3000 words might developed morphological system, a vocabulary of 2000–3000 words might developed morphological system, a vocabulary of 2000–3000 words might developed morphological system, a vocabulary of 2000–3000 words might developed morphological system, a vocabulary of 2000–3000 words might developed morphological system, a vocabulary of 2000–3000 words might developed morphological system, a vocabulary of 2000–3000 words might developed morphological system, a vocabulary of 2000–3000 words might developed morphological system, a vocabulary of 2000–3000 words might developed morphological system, a vocabular

Vocabulary Size and Language Proficiency

ability may differ from one language to another. In English, there is a relatively standard vocabulary tests, and how well you perform on reading tests, listenclose relationship between how many words you know, as measured on the imagine, for example, a language which had a relatively small core vocabulary much less clear that this relationship holds up in a straightforward way. Let us ing tests and other formal tests of your English ability. In other languages, it is This means that the relationship between vocabulary size and overall linguistic compounding. In Simplish, anyone who had acquired the basic vocabulary and about 2000 core words but makes up for this by making very extensive use of - let's call it 'Simplish' - and let us say that Simplish has a core vocabulary of words that are infrequent - would exist in Simplish, but they would not be the other words in the vocabulary as well. 'Difficult words' - in the sense of understood the rules of compounding would automatically have access to all problem for learners. These infrequent words would probably be long because familiar at some level. It might be difficult to unwrap the words at first, but in they were made up of many components, but the components would all be encountered; they would be able to construct new vocabulary as it was needed principle, even the most difficult word would be amenable to analysis. For I important to know how much of the core vocabulary their students could rather than learning it by rote in advance. For teachers of Simplish, it would English speakers face. They would be able to read almost everything the had mastered the core items, they would face few of the problems that learners of Simplish, the vocabulary learning load would be tiny, and once the handle with ease and familiarity, but beyond that, the notion of 'vocabular

size' would be completely irrelevant. It would be useful to know whether your class had a vocabulary of 500 words or 1500 words, but once the learners had their vocabulary was. It would also not make much sense to ask how big we need to teach: the obvious strategy would be to get students familiar with concentrate on teaching learners how to unpack unfamiliar vocabulary and effective.

English and so on: in other languages, these special vocabularies may not be so acquire academic vocabulary, legal vocabulary, the vocabulary of business for special areas of discourse and this makes it important for learners to by learners of these languages. English has very different vocabulary registers and this might have implications for the ways examiners evaluate texts written extensive use of a core vocabulary this relationship might not be so obvious, their writing than less advanced learners do: in a language that makes more fied readers. Advanced learners of English tend to exhibit richer vocabulary in languages, and this would make it unnecessary for teachers to invest in simplisorts of texts that you can read with ease: this might not be case in other languages as it does in English. Vocabulary size in English strongly limits the teach are much more like Simplish than English. This means that we would not always expect to find that vocabulary plays the same role in learning these concerned then it seems likely that many of the languages that we commonly we think of English as being especially difficult as far as vocabulary is Unfortunately, not many languages are as elegant as Simplish. However, if

The general point here is that the sheer size of English vocabulary has a very marked effect on the way we teach English, and severely constrains the level of speakers need very large vocabularies, that it makes sense to pace the learning of this vocabulary over a long time and that we should rely principally on the knowledge. However, this would not be the best set of strategies to adopt if these cases, it would be worth putting a lot of effort into getting students learn effort would be very great.

Our guess is that very many languages are much simpler than English is as far as their vocabulary structure is concerned, and that it would be wrong to assume that research findings based on English will generalize automatically to these languages. This means that teaching methods that take English vocabulary structure for granted will not always be the best way for us to approach the teaching of vocabulary in other languages.

This comparison underlines the importance of having a well-thought-out plan for helping learners with English vocabulary. The basis for this plan is an awareness of the distinction between high-frequency and low-frequency

words, and of the strands and strategies which are the means of dealing with these words.

4

Further Reading

• Nagy, W.E., Herman, P., Anderson, R.C. (1985) Learning words from context. Reading Research Quarterly 20: 233-253. The classic first language study of guessing from context.

• Nation, I.S.P. (2001) Learning Vocabulary in Another Language. Cambridge: Cambridge University Press. A substantial recent survey of

vocabulary teaching and learning.

• Read, J. (2000) Assessing Vocabulary. Cambridge: Cambridge University Press. A clear, well-informed study of vocabulary testing-

 Schmitt, N. (2000) Vocabulary in Language Teaching. Cambridge: Cambridge University Press. An accessible introduction to vocabulary

teaching and learning.

• Schmitt, N., McCarthy, M. (eds) (1997) Vocabulary: Description, Acquisition and Pedagogy. Cambridge: Cambridge University Press. An authoritative and accessible collection of articles on vocabulary.

West, M. (1953) A General Service List of English Words. London: Longman. The classic second language 2000 word list. A model for future lists

Hands-on Activity

in order of frequency, starting with common words and going down to some sample of all the words in the language. The words are arranged more or less families you know. You will find below a list of 50 words which is part of a very unusual ones. Take this test (Goulden, Nation and Read, 1990) to estimate how many word

Procedure

Read through the whole list. Put a tick next to each word you know, that is, you have seen the word before and can express at least one meaning for not sure about. Do not mark the words you do not know. it. Put a question mark next to each word that you think you know but are

with question marks to see whether you can change the question mark to When you have been through the whole list, go back and check the words

'n

ယ synonym or definition or by using it in a sentence or drawing a diagram. down the list). Show you know the meaning of each one by giving Then find the last five words you ticked (that is, the ones that are further appropriate

> Calculate your score by multiplying the total number of known words by sequence of four words (which may include some of the original five you checked) that you have explained correctly. word and check it in the dictionary. Continue this process until you have a Check your explanations of the five words in a dictionary. If more than one beginning with the sixth to last word you ticked. Write the meaning of this of the explanations is not correct, you need to work back through the list,

500. Do not include the words with a question mark in your scoring.

est

	_	24 meerschaum	 _				18 marquise				14 atrophy	_			8 mortgage	7 cavalry	6 jersey	5 tap	4 approve	3 entire	2 face	1 bag
30				45	14	4.5	42	-4-	4	٠ (د	ب د											
Polybrid	hematoid	masonite	goldenhair			_					38 brazenfaced		 5 permutate	53 glaucoma	32 draconic	_	30 bioenvironmental	29 weta	28 curricle	asphyxiate	26 regatta	,

You think it takes to accomplish the following things? vocabulary it takes to use English in various ways. How much vocabulary do An estimate of vocabulary size is most informative if we know how much

Begin to move from graded readers to authentic texts Engage in everyday conversations with your friends prov

p.rom

Read common authentic texts (newspapers, magazines, novels) without unknown words being a problem ______ word families unknown words being a problem _____ word families Engage in sophisticated language use, such as studying at an Englishmedium university _____ word families