BIBLIOGRAPHY

Al Fraidan, A. A. A. (2010). Test-taking strategies of EFL Saudi university level learners on two varieties of gap-filling vocabulary achievement tests. The University of Essex.

Alhojailan, A. I. (2019). The Effect of Using Academic Vocabulary on Graduate Students' Achievements in Their Assignments. *English Language Teaching*, *12*(9), 33–41.

AlSaif, A. (2011). Investigating vocabulary input and explaining vocabulary uptake among EFL learners in Saudi Arabia. Swansea University.

Astan, C., & Tamah, S. M. (2015). The Correlation Between Vocabulary Size and the Reading Comprehension of the English Education Department Students. *Magister Scientiae*, (38), 123–131. https://doi.org/10.33508/mgs.v0i38.788

Bernhardt, E. B. (1993). *Reading development in a second language: Theoretical, empirical, & classroom perspectives.* ERIC.

Biemiller, A. (2005). Size and Sequence in Vocabulary Development: Implications for Choosing Words for Primary Grade Vocabulary Instruction.

Clarke, P. J., Truelove, E., Hulme, C., & Snowling, M. J. (2013). *Developing reading comprehension. Developing Reading Comprehension.* https://doi.org/10.1002/9781118606711

Collins, M. F. (2004). *ESL preschoolers' English vocabulary acquisition and story comprehension from storybook reading*. Boston University.

Coxhead, A. (n.d.). Academic Word List sublist families | School of Linguistics and Applied Language Studies | Victoria University of Wellington. Retrieved May 21, 2020, from https://www.wgtn.ac.nz/lals/resources/academicwordlist/sublist

Coxhead, A. (2000). A new academic word list. *TESOL Quarterly*, *34*(2), 213–238.

Coxhead, A. (2012). Academic vocabulary, writing and English for academic purposes: Perspectives from second language learners. *RELC Journal*, *43*(1), 137–145.

Cronbach, L. J. (1942). An analysis of techniques for diagnostic vocabulary testing. *The Journal of Educational Research*, *36*(3), 206–217.

Çubukçub, F. (2008). Enhancing vocabulary development and reading comprehension through metacognitive strategies. *Issues in Educational Research*, *18*(1), 1–11.

D.Qian, D. (2002). Investigating the relationship between vocabulary knowledge and academic reading performance: An assessment perspective. *Language Learning*, *52*(3), 513–536.

Davis, F. B. (1944). Fundamental factors of comprehension in reading. *Psychometrika*, *9*(3), 185–197. https://doi.org/10.1007/BF02288722

Delfi, S., & Yamat, H. (2017). An Analysis of reading performances of

  Indonesian EFL Learners for Extensive reading practice. *Journal of*

  Educational Sciences, *1*(1), 35–44.

Djuarsa, H. M. (2017). The Relationship Between Vocabulary Knowledge

  And Reading Comprehension Ability Of Senior High School Students.

  Magister Scientiae, (41), 41–53.

  https://doi.org/10.33508/mgs.v0i41.1563

Furqon, F. (2013). Correlation Between Students` Vocabulary Mastery and

  Their Reading Comprehension. *Journal of English and Education*,

  1(1), 68–80.

Goswami, U. (2001). Early phonological development and the acquisition

  of literacy. *Handbook of Early Literacy Research*, 111–125.

Grabe, W. (2009). *Reading in a second language: Moving from theory to*

  practice. Ernst Klett Sprachen.

Harley, B. (1995). *Lexical issues in language learning*. John Benjamins

  Publishing Company.

Hirsch, E. D. (2003). Reading comprehension requires knowledge of

  words and the world. *American Educator*, *27*(1), 10–13.

It-ngam, T., & Phoocharoensil, S. (2019). The development of science

  academic word list. *Indonesian Journal of Applied Linguistics*, *8*(3),

  657–667. https://doi.org/10.17509/ijal.v8i3.15269

Jun Zhang, L., & Bin Anual, S. (2008). The role of vocabulary in reading

comprehension: The case of secondary school students learning English in Singapore. *RELC Journal, 39*(1), 51–76.

Klingner, J. K., & Vaughn, S. (2007). Boardman.(2007) Teaching Reading Comprehension to Students with Learning Difficulties. New York: The Guilford Press.

Lehr, F., Osborn, J., & Hiebert, E. H. (2004). A focus on vocabulary. *Honolulu, HI: Pacific Resources for Education and Learning*.

Martinez, R. (2014). Vocabulary and formulaic language: Where to begin? In *Debates in modern languages education* (pp. 121–134). Routledge.

Nation, I. S. P. (2001). *Learning vocabulary in another language*. Ernst Klett Sprachen.

Nation, P., & Newton, J. (1997). In J. Coady and T. Huckin,(eds.). Secondary language vocabulary acquisition (238-254). New York: Cambridge University Press.

Nurweni, A., & Read, J. (1999). The English Vocabulary Knowledge of Indonesian University Students. *English for Specific Purposes, 18*(2), 161–175. https://doi.org/https://doi.org/10.1016/S0889-4906(98)00005-2

Ocampo, R., Mcneill, A., & Sawatsupaphon, S. (2019). *THE RELATIONSHIP BETWEEN VOCABULARY SIZE AND READING COMPREHENSION PERFORMANCE OF 12 TH GRADE THAI EFL LEARNERS*.

Putra, K. A. (2014). The implication of curriculum renewal on ELT in

Indonesia. *PAROLE: Journal of Linguistics and Education*, *4*(1 April),

63–75.

Qian, D. D. (2005). Demystifying Lexical Inferencing: The Role of Aspects

of Vocabulary Knowledge. *TESL Canada Journal*.

https://doi.org/10.18806/tesl.v22i2.86

Rasinski, T., Padak, N., Newton, R. M., & Newton, E. (2008). *Greek and

Latin roots: Keys to building vocabulary*. Teacher Created Materials.

Read, J. (2000). Assessing Vocabulary. *Assessing Vocabulary*.

https://doi.org/10.1017/cbo9780511732942

Schneider, W., Garner, R., Körkel, J., & Korkel, J. (1988). *Cognition,

Metacognition, and Reading. Educational Researcher* (Vol. 17).

https://doi.org/10.2307/1174835

Sousa, D. A. (2010). *How the ELL brain learns*. Corwin Press.

Stæhr, L. S. (2008). Vocabulary size and the skills of listening, reading

and writing. *Language Learning Journal*, *36*(2), 139–152.

Stanovich, K. E. (1986). Matthew Effects in Reading: Some

Consequences of Individual Differences in the Acquisition of Literacy.

Reading Research Quarterly, *21*(4), 360–407.

https://doi.org/10.1598/rrq.21.4.1

Susanto, A. (2017). Assessing the relationship between Vocabulary Level

Test (VLT) and reading comprehension. *Studies in English Language*

and Education, *4*, 157. https://doi.org/10.24815/siele.v4i2.5118

Wagner, R. K., Schatschneider, C., & Phythian-Sence, C. (2009). *Beyond decoding: The behavioral and biological foundations of reading comprehension*. Guilford Press.

Wolf, M., & Gottwald, S. (2016). *Tales of literacy for the 21st century*. Oxford University Press.

Yarkoni, T., Speer, N. K., & Zacks, J. M. (2008). Neural substrates of narrative comprehension and memory. *Neuroimage*, *41*(4), 1408–1425.

Yovanoff, P., Duesbery, L., Alonzo, J., & Tindal, G. (2005). Grade-level invariance of a theoretical causal structure predicting reading comprehension with vocabulary and oral reading fluency. *Educational Measurement: Issues and Practice*, *24*(3), 4–12.

APPENDICES

Appendix 1: Academic Word List

Sublists of the Academic Word List

The Academic Word List (AWL) was developed by Coxhead, n.d. as her MA thesis at the School of Linguistics and Applied Language Studies at Victoria University of Wellington, New Zealand.

Each word in italics is the most frequently occurring member of the word family in the Academic Corpus. For example, *analysis* is the most common form of the word family analyze. British and American spelling is included in the word families, so contextualize and contextualize are both included in the family *context*.

Sublist 1 contains the most common words in the AWL. Sublist 2 contains the following most common words, and so on. There are 60 families in each sublist, except for sublist 10, which has 30.

Sublist 1 of the Academic Word List.

This sublist contains the most frequent words of the Academic Word List in the Academic Corpus. The most frequent members of the word families in Sublist 1 are listed below.

analysis	*established*	*occur*
approach	*estimate*	*percent*
area	*evidence*	*period*
assessment	*export*	*policy*
assume	*factors*	*principle*
authority	*financial*	*procedure*
available	*formula*	*process*
benefit	*function*	*required*
concept	*identified*	*research*
consistent	*income*	*response*
constitutional	*indicate*	*role*
context	*individual*	*section*
contract	*interpretation*	*sector*
create	*involved*	*significant*
data	*issues*	*similar*
definition	*labour*	*source*
derived	*legal*	*specific*
distribution	*legislation*	*structure*
economic	*major*	*theory*
environment	*method*	*variables*

Sublist 2 of Academic Word List

This sublist contains the second most frequent words in the Academic Word List from the Academic Corpus. The most frequent members of the word families in Sublist 2 are listed below.

achieve	*design*	*potential*
acquisition	*distinction*	*previous*
administration	*elements*	*primary*
affect	*equation*	*purchase*
appropriate	*evaluation*	*range*
aspects	*features*	*region*
assistance	*final*	*regulations*
categories	*focus*	*relevant*
chapter	*impact*	*resident*
commission	*injury*	*resources*
community	*institute*	*restricted*
complex	*investment*	*security*
computer	*items*	*sought*
conclusion	*journal*	*select*
conduct	*maintenance*	*site*
consequences	*normal*	*strategies*
construction	*obtained*	*survey*
consumer	*participation*	*text*
credit	*perceived*	*traditional*
cultural	*positive*	*transfer*

Sublist 3 of Academic Word List.

This sublist contains the third most frequent words of the Academic Word List in the Academic Corpus. The most frequent members of the word families in Sublist 3 are listed below.

alternative	*emphasis*	*philosophy*
circumstances	*ensure*	*physical*
comments	*excluded*	*proportion*
compensation	*framework*	*published*
components	*funds*	*reaction*
consent	*illustrated*	*registered*
considerable	*immigration*	*reliance*
constant	*implies*	*removed*
constraints	*initial*	*scheme*
contribution	*instance*	*sequence*
convention	*interaction*	*sex*
coordination	*justification*	*shift*
core	*layer*	*specified*
corporate	*link*	*sufficient*
corresponding	*location*	*task*
criteria	*maximum*	*technical*
deduction	*minorities*	*techniques*
demonstrate	*negative*	*technology*
document	*outcomes*	*validity*
dominant	*partnership*	*volume*

Sublist 4 of Academic Word List

This sublist contains the fourth most frequent words of the Academic Word List in the Academic Corpus. The most frequent members of the word families in Sublist 4 are listed below.

access	*error*	*parallel*
adequate	*ethnic*	*parameters*
annual	*goals*	*phase*
apparent	*granted*	*predicted*
approximated	*hence*	*principal*
attitudes	*hypothesis*	*prior*
attributed	*implementation*	*professional*
civil	*implications*	*project*
code	*imposed*	*promote*
commitment	*integration*	*regime*
communication	*internal*	*resolution*
concentration	*investigation*	*retained*
conference	*job*	*series*
contrast	*label*	*statistics*
cycle	*mechanism*	*status*
debate	*obvious*	*stress*
despite	*occupational*	*subsequent*
dimensions	*option*	*sum*
domestic	*output*	*summary*
emerged	*overall*	*undertaken*

Sublist 5 of Academic Word List

This sublist contains the fifth most frequent words in the Academic Word List from the Academic Corpus. The most frequent members of the word families in Sublist 5 are listed below.

academic	*evolution*	*orientation*
adjustment	*expansion*	*perspective*
alter	*exposure*	*precise*
amendment	*external*	*prime*
aware	*facilitate*	*psychology*
capacity	*fundamental*	*pursue*
challenge	*generated*	*ratio*
clause	*generation*	*rejected*
compounds	*image*	*revenue*
conflict	*liberal*	*stability*
consultation	*licence*	*styles*
contact	*logic*	*substitution*
decline	*marginal*	*sustainable*
discretion	*medical*	*symbolic*
draft	*mental*	*target*
enable	*modified*	*transition*
energy	*monitoring*	*trend*
enforcement	*network*	*version*
entities	*notion*	*welfare*
equivalent	*objective*	*whereas*

Sublist 6 of Academic Word List - most frequent words in families

This sublist contains the sixth most frequent words in the Academic Word List from the Academic Corpus. The most frequent members of the word families in Sublist 6 are listed below.

abstract	*exceed*	*migration*
accurate	*expert*	*minimum*
acknowledged	*explicit*	*ministry*
aggregate	*federal*	*motivation*
allocation	*fees*	*neutral*
assigned	*flexibility*	*nevertheless*
attached	*furthermore*	*overseas*
author	*gender*	*preceding*
bond	*ignored*	*presumption*
brief	*incentive*	*rational*
capable	*incidence*	*recovery*
cited	*incorporated*	*revealed*
cooperative	*index*	*scope*
discrimination	*inhibition*	*subsidiary*
display	*initiatives*	*tapes*
diversity	*input*	*trace*
domain	*instructions*	*transformation*
edition	*intelligence*	*transport*
enhanced	*interval*	*underlying*
estate	*lecture*	*utility*

Sublist 7 of Academic Word List - most freq words in families

This sublist contains the seventh most frequent words in the Academic Word List from the Academic Corpus. The most frequent members of the word families in Sublist 7 are listed below.

adaptation	*empirical*	*phenomenon*
adults	*equipment*	*priority*
advocate	*extract*	*prohibited*
aid	*file*	*publication*
channel	*finite*	*quotation*
chemical	*foundation*	*release*
classical	*global*	*reverse*
comprehensive	*grade*	*simulation*
comprise	*guarantee*	*solely*
confirmed	*hierarchical*	*somewhat*
contrary	*identical*	*submitted*
converted	*ideology*	*successive*
couple	*inferred*	*survive*
decades	*innovation*	*thesis*
definite	*insert*	*topic*
deny	*intervention*	*transmission*
differentiation	*isolated*	*ultimately*
disposal	*media*	*unique*
dynamic	*mode*	*visible*
eliminate	*paradigm*	*voluntary*

Sublist 8 of Academic Word List - most freq words in families

This sublist contains the eigth most frequent words in the Academic Word List from the Academic Corpus. The most frequent members of the word families in Sublist 8 are listed below.

abandon	*deviation*	*plus*
accompanied	*displacement*	*practitioners*
accumulation	*dramatic*	*predominantly*
ambiguous	*eventually*	*prospect*
appendix	*exhibit*	*radical*
appreciation	*exploitation*	*random*
arbitrary	*fluctuations*	*reinforced*
automatically	*guidelines*	*restore*
bias	*highlighted*	*revision*
chart	*implicit*	*schedule*
clarity	*induced*	*tension*
conformity	*inevitably*	*termination*
commodity	*infrastructure*	*theme*
complement	*inspection*	*thereby*
contemporary	*intensity*	*uniform*
contradiction	*manipulation*	*vehicle*
crucial	*minimised*	*via*
currency	*nuclear*	*virtually*
denote	*offset*	*widespread*
detected	*paragraph*	*visual*

Sublist 9 of Academic Word List - most freq words in families

This sublist contains the ninth most frequent words in the Academic Word List from the Academic Corpus. The most frequent members of the word families in Sublist 9 are listed below.

accommodation	*duration*	*protocol*
analogous	*erosion*	*qualitative*
anticipated	*ethical*	*refine*
assurance	*format*	*relaxed*
attained	*founded*	*restraints*
behalf	*inherent*	*revolution*
bulk	*insights*	*rigid*
ceases	*integral*	*route*
coherence	*intermediate*	*scenario*
coincide	*manual*	*sphere*
commenced	*mature*	*subordinate*
incompatible	*mediation*	*supplementary*
concurrent	*medium*	*suspended*
confined	*military*	*team*
controversy	*minimal*	*temporary*
conversely	*mutual*	*trigger*
device	*norms*	*unified*
devoted	*overlap*	*violation*
diminished	*passive*	*vision*
distorted/distortion - equal figures	*portion*	
	preliminary	

Sublist 10 of the Academic Word List.

This sublist contains the least frequent words of the Academic Word List in the Academic Corpus. The most frequent members of the word families in Sublist 10 are listed below.

adjacent	*invoked*
albeit	*levy*
assembly	*likewise*
collapse	*nonetheless*
colleagues	*notwithstanding*
compiled	*odd*
conceived	*ongoing*
convinced	*panel*
depression	*persistent*
encountered	*posed*
enormous	*reluctant*
forthcoming	*so-called*
inclination	*straightforward*
integrity	*undergo*
intrinsic	*whereby*

1. environment
2. principle   ____   the close study of something
3. response   ____   money received
4. assumption   ____   the surrounding conditions and influences
5. analysis
6. income

1. similarity
2. data   ____   something that can change
3. variable   ____   a problem
4. method   ____   a way of doing something
5. section
6. issue

1. site
2. commission   ____   a place
3. definition   ____   keeping in the same condition
4. maintenance   ____   a group with a special job to do
5. achievement
6. conduct

1. authority
2. culture   ____   the language, art and behavior of a society
3. injury   ____   something valuable that can be used
4. range   ____   deciding if something is good enough
5. evaluation
6. resource

1. location
2. partnership   ____   the amount a container can hold
3. exclusion   ____   one thing coming after another
4. fund   ____   money kept for a special purpose
5. sequence
6. volume

1. contribution
2. alternative   ____   another choice
3. task   ____   something given to help
4. instance   ____   piece of work to do
5. component
6. reaction

1. regime
2. status   ____   something that regularly goes around
3. summary   ____   a system of government
4. prediction   ____   the present condition of something
5. approximation
6. cycle

1. commit
2. predict   ____   to agree to do some work
3. access   ____   to find a way in
4. emerge   ____   to come out
5. modify
6. mechanise

1. licence
2. draft   ____   a fight or disagreement
3. conflict   ____   a purpose or aim
4. stability   ____   the study of the mind
5. psychology
6. objective

1. academic
2. liberal   ____   the same
3. precise   ____   involving the brain or thought
4. mental   ____   involving the study of ideas
5. equivalent
6. transitory

1. expert
2. brief   ____   a talk at a university
3. abstract   ____   based on ideas not on real things
4. lecture   ____   amount of money paid
5. ministry
6. fee

1. incentive
2. display   ____   all of someone's possessions
3. allocation   ____   an encouragement
4. estate   ____   an amount given out
5. utility
6. tape

1. global
2. definite   ____   freely decided, not forced
3. hierarchical   ____   clear, sure
4. classical   ____   in a system from highest to lowest
5. reversed
6. voluntary

1. confirm
2. insert   ____   to take away something that is not needed
3. transmit   ____   to say for certain
4. eliminate   ____   to put in
5. quote
6. isolate

1. paragraph
2. contradiction   ____   strength or great feeling
3. schedule   ____   extra information at the end of a book
4. intensity   ____   a program of work
5. exhibit
6. appendix

1. radical
2. uniform   ____   extreme
3. contemporary   ____   at the present time
4. crucial   ____   not said directly
5. implicit
6. widespread

1. minimise
2. relax   ____   to reach
3. found   ____   to happen at the same time
4. coincide   ____   to badly change the shape
5. attain
6. distort

1. accommodation
2. team   ____   something that people do not agree about
3. controversy   ____   a group of people working together
4. vision   ____   a place to stay
5. portion
6. manual

1. forthcoming
2. straightforward   ____   not wanting to do something
3. odd   ____   unusual
4. persistent   ____   very large
5. enormous
6. reluctant

Appendix 3: Test of Academic Word List – Answer Key

Table 8. AWL Answer Key

5 analysis 6 income 1 environment	3 variable 6 issue 4 method	1 site 4 maintenance 2 commission	2 culture 6 resource 5 evaluation	6 volume 5 sequence 4 fund
2 alternative 1 contribution 3 task	6 cyle 1 regime 2 status	1 commit 3 access 4 emerge	3 conflict 6 objective 5 psychology	5 equivalent 4 mental 1 academic
4 lecture 3 abstract 6 fee	4 estate 1 incentive 3 allocation	6 voluntary 2 definite 3 hierarchical	4 eliminate 1 confirm 2 insert	4 intensity 6 appendix 3 schedule
1 radical 3 contemporary 5 implicit	5 attain 4 coincide 6 distort	3 controversy 2 team 1 accommodation	6 reluctant 3 odd 5 enormous	