

Appendix E: Reading Foundations

Introduction

English is an alphabetic language. It has 26 letters and 44 sounds. The alphabetic principle is that students need to know there is a sound/symbol relationship before they can learn to read. It is important to teach phonological awareness, phonics, morphology and etymology (history of origin), syntax, text reading fluency, vocabulary, semantics, and written expression in an explicit, sequential, systematic, and cumulative manner. Explicit means that the initial introduction of a sound/symbol relationship should be directly stated. Sequential and systematic means that instruction should be from the easiest to the more difficult skills with much repetition and review. Cumulative means instruction builds upon prior learning. Learning is multisensory in that it involves the use of **visual, auditory, and kinesthetic-tactile** pathways simultaneously to enhance memory and learning of written language.

Phonological awareness, alphabetic skills, and language skills are the best predictors of early reading success. Phonological awareness is the ability to segment sounds in speech at the syllable, onset-rime, and phoneme level. Alphabetic skills are knowledge of letter names and sounds, the ability to identify and recognize words as well as spell them correctly. Words vary in the consistency of their sound-spelling patterns, with some words being highly inconsistent or irregular. Learning to automatically recognize irregular words and regular words makes them "sight" words that can support fluency development. Practicing reading using decodable texts with some irregular words is important. As students consolidate their alphabetic skills, they should practice reading familiar text to build fluency.

When readers who are not fluent attend to each letter of a word instead of reading with automaticity, valuable working memory is being used. With reduced working memory bandwidth, comprehension is negatively impacted. Because this link is so strong, any work with fluency should also include a comprehension component.

When older readers who are not fluent learn how to decode words, their fluency rate and comprehension are paradoxically reduced. This is because instead of skipping unknown words, they are using their newly acquired skill of decoding, which slows them down initially until they decode with automaticity. Increased time on text with independent level materials as well as engaging in repeated readings help develop automaticity and fluency.

Students who are not proficient in reading should be assessed and progress monitored for their foundational skill strengths and weaknesses in the components of reading (phonological awareness, phonics/morphology, syntactic knowledge, fluency, vocabulary, and comprehension). Secondary teachers should use the assessment data to determine which of the Reading Foundational benchmarks must be addressed and select appropriate interventions.

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Fluency Dolch Word Lists

Dolch Pre-Primer Word List

| а | can | funny | in | look | one | see | up |
|------|------|-------|--------|------|------|-------|--------|
| and | come | go | is | make | play | the | we |
| away | down | help | it | me | red | three | where |
| big | find | here | jump | my | run | to | yellow |
| blue | for | Ι | little | not | said | two | you |

Dolch Primer Word List

| all | black | eat | into | on | ride | that | want | who | |
|-----|-------|------|------|--------|------|-------|-------|------|--|
| am | brown | four | like | our | saw | there | was | will | |
| are | but | get | must | out | say | they | well | with | |
| at | came | good | new | please | she | this | went | yes | |
| ate | did | have | no | pretty | SO | too | what | | |
| be | do | he | now | ran | soon | under | white | | |

Dolch 1st Grade Word List

| after | by | going | how | of | round | then |
|-------|-------|-------|------|------|-------|-------|
| again | could | had | just | old | some | think |
| an | every | has | know | once | stop | walk |
| any | fly | her | let | open | take | were |
| ask | from | him | live | over | thank | when |
| as | give | his | may | put | them | |

Dolch 2nd Grade Word List

| always | both | fast | green | pull | tell | use | work |
|---------|-------|-------|-------|-------|-------|-------|-------|
| around | buy | first | its | read | their | very | would |
| because | call | five | made | right | these | wash | write |
| been | cold | found | many | sing | those | which | your |
| before | does | gave | off | sit | upon | why | |
| best | don't | goes | or | sleep | us | wish | |

Fry Word Lists

| Fry Word Lists | | | | | | |
|-------------------|---------------|--------------|----------------|--------------|--|--|
| 1st hundred words | | | | | | |
| 1. the | 21.at | 41. there | 61. some | 81. my | | |
| 2. of | 22. be | 42. use | 62. her | 82. than | | |
| 3. and | 23. this | 43. an | 63. would | 83. first | | |
| 4. a | 24. have | 44. each | 64. make | 84. water | | |
| 5. to | 25. from | 45. which | 65. like | 85. been | | |
| 6. in | 26. or | 46. she | 66. him | 86. call | | |
| 7. is | 27. one | 47. do | 67. into | 87. who | | |
| 8. you | 28. had | 48. how | 68. time | 88. am | | |
| 9. that | 29. by | 49. their | 69. has | 89. its | | |
| 10. it | 30. word | 50. if | 70. look | 90. now | | |
| 11. he | 31. but | 51. will | 71. two | 91. find | | |
| 12. was | 32. not | 52. up | 72. more | 92. long | | |
| 13. for | 33. what | 53. other | 73. write | 93. down | | |
| 14. on | 34. all | 54. about | 74. go | 94. day | | |
| 15. are | 35. were | 55. out | 75. see | 95. did | | |
| 16. as | 36. we | 56. many | 76. number | 96. get | | |
| 17. with | 37. when | 57. then | 77. no | 97. come | | |
| 18. his | 38. your | 58. them | 78. way | 98. made | | |
| 19. they | 39. can | 59. these | 79. could | 99. may | | |
| 20. I | 40. said | 60. so | 80. people | 100. part | | |
| | | | | | | |
| 2nd hundred words | | 1 | I | 1 | | |
| 101. over | 121. name | 141. boy | 161. such | 181. change | | |
| 102. new | 122. good | 142. follow | 162. because | 182. off | | |
| 103. sound | 123. sentence | 143. came | 163. turn | 183. play | | |
| 104. take | 124. man | 144. want | 164. here | 184. spell | | |
| 105. only | 125. think | 145. show | 165. why | 185. air | | |
| 106. little | 126. say | 146. also | 166. ask | 186. away | | |
| 107. work | 127. great | 147. around | 167. went | 187. animal | | |
| 108. know | 128. where | 148. farm | 168. men | 188. house | | |
| 109. place | 129. help | 149. three | 169. read | 189. point | | |
| 110. year | 130. through | 150. small | 170. need | 190. page | | |
| 111. live | 131. much | 151. set | 171. land | 191. letter | | |
| 112. me | 132. before | 152. put | 172. different | 192. mother | | |
| 113. back | 133. line | 153. end | 173. home | 193. answer | | |
| 114. give | 134. right | 154. does | 174. us | 194. found | | |
| 115. most | 135. too | 155. another | 175. move | 195. study | | |
| 116. very | 136. mean | 156. well | 176. try | 196. still | | |
| 117. after | 137. old | 157. large | 177. kind | 197. learn | | |
| 118. thing | 138. any | 158. must | 178. hand | 198. should | | |
| 119. our | 139. same | 159. big | 179. picture | 199. America | | |
| 120. just | 140. tell | 160. even | 180. again | 200. world | | |

Measures of Fluency

Fluency Norms

The Hasbrouck-Tindal Norms Chart indicates words correct per minute by grade level, time of year, and percentile rank. Fluency measures should always be combined with comprehension checks such as a retelling of the passage or comprehension questions to strengthen the link between fluency and comprehension. Oral reading fluency rubrics that consider other factors of fluency should also be considered.

From Hasbrouck, J. & Tindal, G. (2017). An update on compiled ORF norms (Technical Report No. 1702). Eugene, OR. Behavioral Research and Teaching. University of Oregon.

| Grade | Percentile | Fall WCPM | Winter WCPM | Spring WCPM | Grade | Percentile | Fall WCPM | Winter WCPM | Spring WCPM |
|-------|------------|--------------|----------------|----------------|-------|------------|--------------|----------------|----------------|
| | 90 | | 97 | 116 | | 90 | 153 | 168 | 184 |
| | 75 | | 59 | 91 | | 75 | 125 | 143 | 160 |
| 1 | 50 | | 29 | 60 | 4 | 50 | 94 | 120 | 133 |
| | 25 | | 16 | 34 | | 25 | 75 | 95 | 105 |
| | 10 | | 9 | 18 | | 10 | 60 | 71 | 83 |
| | 90 | 111 | 131 | 148 | | 90 | 179 | 183 | 195 |
| | 75 | 84 | 109 | 124 | | 75 | 153 | 160 | 169 |
| 2 | 50 | 50 | 84 | 100 | 5 | 50 | 121 | 133 | 146 |
| | 25 | 36 | 59 | 72 | | 25 | 87 | 109 | 119 |
| | 10 | 23 | 35 | 43 | | 10 | 64 | 84 | 102 |
| | 90 | 134 | 161 | 166 | | 90 | 185 | 195 | 204 |
| | 75 | 104 | 137 | 139 | | 75 | 159 | 166 | 173 |
| 3 | 50 | 83 | 97 | 112 | 6 | 50 | 132 | 145 | 146 |
| | 25 | 59 | 79 | 91 | | 25 | 112 | 116 | 122 |
| | 10 | 40 | 62 | 63 | | 10 | 89 | 91 | 91 |



Sample Oral Reading Fluency Rubrics

NAEP Fluency Scale

| Level | Reads primarily in larger, meaningful phrase groups. Although some regressions, |
|---|--|
| 4 | repetitions, and deviations from text may be present, these do not appear to detract from the overall structure of the story. Preservation of the author's syntax is consistent. Some or most of the story is read with expressive interpretation. |
| Level 3 | Reads primarily in three- or four-word phrase groups. Some small groupings may be present. However, the majority of phrasing seems appropriate and preserves the syntax of the author. Little or no expressive interpretation is present. |
| Non- fluentLevel 2Reads primarily in two-word phrases with some three- or four-word groupings. word-by-word reading may be present. Word groupings may seem awkward and unrelated to larger context of sentence or passage. | |
| Level 1 | Reads primarily word-by-word. Occasional two-word or three-word phrases may occur — but these are infrequent and/or they do not preserve meaningful syntax. |
| | Level 3 Level 2 Level 1 |

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2002 Oral Reading Study.

Multidimensional Fluency Scale

| | 1 | 2 | 3 | 4 | |
|------------------------|---|--|---|--|--|
| EXPRESSION & VOLUME | Reads words as if simply to get them out. Little sense of trying to make text sound like natural language. Tends to read in a quiet voice. | Begins to use voice to make text sound like natural language in some areas of the text but not in others. Focus remains largely on pronouncing the word. Still reads in a quiet voice. | Make text sound like natural language throughout the better part of the passage. Occasionally slips into expressionless reading. Voice volume is generally appropriate throughout the text. | Reads with good expression and enthusiasm throughout the text. Varies expression and volume to match his or her interpretation of the passage. | |
| PHRASING | Reads in a monotone with little sense of boundaries: Frequently reads in two- and three-word phrases, giving the | | Reads with a mixture of run-ons, mid-sentence pauses for breath, and some choppiness, reasonable stress and intonation. | Generally reads with good phrasing, mostly in clause and sentence units, with adequate attention to expression. | |
| SMOOTHNESS | Makes frequent extended pauses, hesitations, false starts, sound-outs, repetitions, and/or multiple attempts. | Experiences several "rough spots" in text where extended pauses or hesitations are more frequent and disruptive. | Occasionally breaks smooth rhythm because of difficulties with specific words and/or structures. | Generally reads smoothly with some breaks, but resolves word and structure difficulties quickly, usually through self- correction. | |
| PACE | Reads slowly and laboriously. | Reads moderately slowly. | Reads with an uneven mixture of fast and slow pace. | Consistently reads at conversational pace; appropriate rate throughout reading. | |

Source: Zutell, J., & Rasinski, T. V. (1991). Training teachers to attend to their students' oral reading fluency. *Theory Into Practice*, *30*, 211–217.

Interventions for Secondary Students

Reading Intervention must target the area(s) of need as determined by diagnostic assessment data on the components of reading and progress monitored with an appropriate assessment tool that measures growth in the target area(s) until the student becomes proficient.

Learner Profiles

There are three common profiles of non-proficient decoders in the secondary grades. Some students may fit more than one profile. Educators should conduct regular collaborative problem-solving meetings to consider additional factors such as vision, hearing, attention, memory, health concerns, years in an English language program, and home life.

Profile 1 consists of students who have irregular gaps in their foundational reading skills sometimes due to interrupted schooling. This might mean a gap in knowledge of vowel sounds for one student, blends for another, and decoding multisyllabic words for another. Once the specific gap(s) is/are identified and addressed, these students often quickly catch up to their peers.

Profile 2 consists of students who are English Language Learners. These students can further be divided: *Profile 2A*: Students who have a strong background in literacy in their home language and can apply that knowledge to English with the support of ESOL strategies in the general curriculum. *Profile 2B*: Students without a strong background in literacy in any language and may need support beyond ESOL strategies and could have an unidentified learning disability.

Profile 3 consists of students with persistent reading difficulties and may include students with phonological processing deficiencies or those with learning disabilities.

Students with Profile 1, 2, or 3 require systematic, explicit, differentiated, and multisensory instruction in order to become proficient readers regardless of age or grade level.

Learning Environment Considerations

- 1. Non-proficient readers are given opportunities to practice foundational skills in reading of independent-level text and instructional-level text.
- 2. The teacher preserves the dignity of adolescent, non-proficient readers by using developmentally appropriate materials, instruction, and assessment.
- 3. The teacher has a growth mindset toward adolescent, non-proficient readers and develops a growth mindset in the students by providing appropriate scaffolding.
- 4. Strategies and supports are removed as students become proficient in decoding and fluently reading grade level text.

| Glossary of Terms | | | | | |
|-------------------------|---|---|--|--|--|
| Key Word | Definition | Synonyms | | | |
| accuracy | freedom from mistake or error | correctness, exactness, precision, veracity | | | |
| | conformity to truth or to a standard or model | | | | |
| affix | a letter or group of letters added to the beginning or end of a word to change its meaning : a prefix or suffix | prefix, suffix | | | |
| allegory | the expression by means of symbolic fictional figures and actions of truths or generalizations about human existence | apologue, fable, parable | | | |
| | a symbolic representation | | | | |
| alliterative | repetition of initial consonant sounds in two or more words | | | | |
| allusion | an implied or indirect reference especially in literature | | | | |
| | the act of making an indirect reference to something : the act of alluding to something | | | | |
| alphabetic principle | the concept that letters and letter combinations represent individual phonemes in written words | | | | |
| ambiguity | the quality or state of being understood in two or more possible ways | | | | |
| | a word or expression that can be understood in two or more possible ways | | | | |
| analyze | to study or examine something in detail, in order to discover more about it | breakdown, deconstruct, dissect | | | |
| archetype | the original pattern or model of which all things of the same type are representations or copies | | | | |
| argument | a coherent series of reasons, statements, or facts intended to support or establish a point of view | claim, dispute, assertion | | | |
| audience | the people who watch, read, or listen to something | readers, public, following, listenership, readership, viewership, followers | | | |
| author's perspective | in informational text, the author's attitude toward a topic or subject | | | | |

in literary text, a character's attitude

| Key Word | Definition | Synonyms |
|----------------------------|--|--|
| author's purpose | Persuade: argument/opinion texts present information in a reasoned, logical way demonstrating that the writer's opinion or claim is valid. | writer's purpose, author's intent |
| | Inform: expository texts convey information accurately and serve one or more closely related purposes: to increase readers' knowledge of a subject, to help readers better understand a procedure or process, or to provide readers with an enhanced comprehension of a concept. | |
| | Entertain: texts intended to engage readers emphasize writing that is interesting, amusing, and captivating. | |
| | Note: Authors have many reasons for writing a text and they often overlap. | |
| automaticity | in reading, fast, accurate word recognition | |
| base word | the part of the word that cannot be broken down | root |
| bias | cause to feel or show inclination or prejudice for or against someone or something | favor, subjectivity, one- sidedness, partiality, partisanship, prejudice, preference |
| blending | reading a word systematically from left to right by combining the sounds of each successive letter or combination of letters | |
| cause and effect | noting a relationship between actions or events such that one or more are the result of the other or others. | |
| central idea | the most important or central thoughts unifying elements of a text | |
| character | one of the individuals in a work of fiction | role, part, person, individual |
| character's perspective | a particular attitude toward or way of regarding something | |
| cite | to speak or write words taken from a particular writer or written work, giving credit to the original source to refer specifically to a source | quote, reference, attribution, credit |
| claim | to say that something is true or is a fact, although you cannot prove it and other people might not believe it a statement that something is true or is a fact, although other people might not believe it | assertion, argument |
| clarify | to make or become more easily understood | clear up, construe, explain, explicate, expound, get across, illuminate, simplify |
| coherent | logical and well-organized easy to understand able to talk or express yourself in a clear way that can be easily understood | logical, rational, reasonable, sensible, sound, valid, well-founded, well- grounded, clear, understandable |



| Key Word | Definition | Synonyms |
|---|--|---|
| cohesive | naturally or logically connected holding together | connected, close-knit, united |
| compare and contrast | to note what is similar and different about two or more things | |
| complex | consisting of many different and connected parts | complicated, detailed, involved, elaborate |
| comprehend | to understand fully | apprehend, catch on (to), decipher, get, grasp, perceive, understand |
| conclusion | to end something such as a speech, conversation, or piece of writing to have a particular opinion about something after thinking carefully about it | closure, completion, consequence, denouement, development, ending, outcome, result |
| conflation | the merging of two or more ideas or sets of information into one | |
| connotation/ connotative language | language that communicates a feeling or idea that is suggested by a word in addition to its basic meaning, or something suggested by an object or situation | overtone, significance, undertone, association, essence, hint, nuance, suggestion |
| consonant blend | two or more consecutive consonants that retain their individual sounds (e.g., /bl/ in block or /str/ in string) | |
| contemporaneous | existing, occurring, or originating during the same time | contemporary |
| context | the situation within which something exists or happens, and that can help explain it the text or speech that comes immediately before and after a particular phrase or piece of text and helps to explain its meaning | background, situation, text, frame of reference |
| conventions | commonly accepted rules of written English, e.g., spelling, usage, punctuation, capitalization, and sentence formation | custom, rule, tradition, norm |
| counterclaim | an opposing claim; a claim made in reply to another claim and different from it | rebuttal, reply, counterargument |
| credible | capable of being believed | believable |
| decoding | translating a word from print to speech, usually by employing knowledge of letter sound relationships; also, the act of deciphering a new word by sounding it out | |
| demonstrate | to show or make something clear to show something and explain how it works | establish, prove, show, substantiate, validate |
| denotation | the meaning of a word or phrase, usually as defined by a dictionary | meaning, name, definition |
| develop | to bring out the possibilities of to begin to exist or be present gradually to create over time | elaborate, evolve, unfold, open, evolve, progress, expand upon |
| | to grow or cause to grow more mature, or more advanced | |

| legendary or historical hero extending beyond the usual or ordinary especially in size or scopeheroic poemevaluateto judge or calculate the quality, importance, amount, or value of somethingappraise, assess, rate, valueevidencesource-based information including facts, figures, and details used to support the writer or speaker's central idea or claimindication, proof, substantiationexplainto make clear to give the reasons for or cause ofclear up, demonstrate, explicit, explicitclear-ut, definite, definitive, specific, unambiguous, unequivocalexportpublishclear-cut, definite, definitingexplanatory, explicatoryfigurative languagelanguage expressing one thing in terms normally denoting another with which it may be regarded as analogous language characterized by figures of speechmetaphor, allegory, emblem, symbolism, euphemism, nonliteral languageformalfollowing established form, custom, or rule suitable for a proper occasionaccepted, decorous, genteel, polite, proper, respectable, conventional, orthodox | Key Word | Definition | Synonyms |
|--|-------------------|---|--|
| articulationarticulationNote: The vowel feels as if it has two parts, as the sound begins with one vowel and gradually changes to another vowel within the same syllable (e.g. ow, oy, ou, o)differentiate, discern, discriminate, separatedistinguishto notice or recognize a difference between people or things to know the differencedifferentiate, discern, discriminate, separateencodingdetermining the spelling of a word based on the sounds in the worddifferentiate, discern, discriminate, separateepica long narrative poem in elevated style recounting the deeds of a legendary or historical hero extending beyond the usual or ordinary especially in size or scopelegend, narrative, tale, saga heroic poemevidencesomethingsomethingappraise, assess, rate, value somethingevidencesomethingclear to support the writer or speaker's central idea or claimindication, proof, substantiationexplainto make clear to give the reasons for or cause of somethingclear-cut, definite, definitive, specific, unambiguous, unequivocal across, simplifyexplicitso clearly expressed as to leave no doubt about the meaning of, relating to, or containing exposition; explaining or describing somethingexplanatory, explicatory emblem, symbolism, euphemism, onliteral language characterized by figures of speech language characterized by figures of speech langua | digraph | | |
| with one vowel and gradually changes to another vowel within the same syllable (e.g., ow, oy, ou, oi)distinguishto notice or recognize a difference between people or things to know the difference at or something clearly some or something to a word based on the sounds in the worddifferentiate, discern, discriminate, separateencoding epicdetermining the spelling of a word based on the sounds in the worddetermining the spelling of a word based on the sounds in the wordlegend, narrative, tale, saga heroic poemepica long narrative poem in elevated style recounting the decds of a legendary or historical hero extending beyond the usual or ordinary especially in size or scopelegend, narrative, tale, saga heroic poemevidencesource-based information including facts, figures, and details used to give the reasons for or cause of to give the reasons for or cause of soustantiationclear up, demonstrate, explicate, exploare, exploare, exploare, across, simplifyexplicitso clearly expressed as to leave no doubt about the meaning somethingclear-cut, definite, definitive, specific, unambiguous, unequivocal across, simplifyfigurative language characterized by figures of speechmetaphor, allegory, emphodixfigurative language characterized by figures of speechmetaphor, allegory, emphodixgraphemesmallest written unit corresponding to a sound or phonemeidentifyproper occasiondistinguish, pinpoint, single out, determinefigurative languagea jeiture or diagram that explains or decorates an allegar with which it may be regarded as analogous languageaccepted, decorous, emphenis | diphthong | | |
| to know the difference to make someone or something different or special in some way to see or hear someone or something clearlydiscriminate, separateencodingdetermining the spelling of a word based on the sounds in the wordlegend, narrative, tale, saga heroic poemepica long narrative poem in elevated style recounting the deeds of a legendary or historical hero extending beyond the usual or ordinary especially in size or scopelegend, narrative, tale, saga heroic poemevaluateto judge or calculate the quality, importance, amount, or value of somethingappraise, assess, rate, valueevidencesource-based information including facts, figures, and details used to support the writer or speaker's central idea or claimindication, prof, substantiationexplainto make clear to give the reasons for or cause of to give the reasons for or cause ofclear up, demonstrate, explicate, expound, get across, simplifyexplcitso clearly expressed as to leave no doubt about the meaning of, relating to, or containing exposition; explaining or describing somethingclear-cut, definite, definitive, specific, uambiguous, unequivocal languagefigurative languagelanguage expressing one thing in terms normally denoting another suitable for a proper occasionmetaphor, allegory, emblem, symbolism, euphemism, nonliteral languageformalfollowing established form, custom, or rule suitable for a proper occasionaccepted, decorous, genteel, polite, proper, respectable, conventional, orthodoxgraphemesmallest written unit corresponding to a sound or phonemedistinguish, pinpoint, single out, determine <br< td=""><td></td><td>with one vowel and gradually changes to another vowel within</td><td></td></br<> | | with one vowel and gradually changes to another vowel within | |
| wordwordepica long narrative poem in elevated style recounting the deeds of a legendary or historical hero extending beyond the usual or ordinary especially in size or scopelegend, narrative, tale, saga heroic poemevaluateto judge or calculate the quality, importance, amount, or value of somethingappraise, assess, rate, valueevidencesource-based information including facts, figures, and details used to support the writer or speaker's central idea or claimindication, prof, substantiationexplainto make clear to give the reasons for or cause ofclear up, demonstrate, exploid, get across, simplifyexplicitso clearly expressed as to leave no doubt about the meaning of, relating to, or containing exposition; explaining or describing somethingclear-cut, definite, definitive, specific, unambiguous, unequivocal exploratoryfigurative language expressing one thing in terms normally denoting another with which it may be regarded as analogous language characterized by figures of speechmetaphor, allegory, emblem, symbolism, euphemism, nonliteral languageformalfollowing established form, custom, or rule suitable for a proper occasionaccepted, decorous, genteel, polite, popier, respectable, conventional, orthodoxgraphemesmallest written unit corresponding to a sound or phoneme is dentifydistinguish, pinpoint, single out, determineillustrationa picture or diagram that explains or decorates an example or instance used to make something cleardistinguish, pinpoint, single out, determine | distinguish | to know the difference to make someone or something different or special in some way | |
| legendary or historical hero extending beyond the usual or ordinary especially in size or scopeheroic poemevaluateto judge or calculate the quality, importance, amount, or value of somethingappraise, assess, rate, valueevidencesource-based information including facts, figures, and details used to support the writer or speaker's central idea or claimindication, | encoding | | |
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| to support the writer or speaker's central idea or claimproof, substantiationexplainto make clear to give the reasons for or cause ofclear up, demonstrate, explicate, expound, get | evaluate | | appraise, assess, rate, value |
| Image: to give the reasons for or cause ofexplicate, expound, get across, simplifyexplicitso clearly expressed as to leave no doubt about the meaningclear-cut, definite, definitive, specific, unambiguous, unequivocalexportpublishexpositoryof, relating to, or containing exposition; explaining or describing somethingexplanatory, explicatoryfigurative language expressing one thing in terms normally denoting another language characterized by figures of speechmetaphor, allegory, emblem, symbolism, euphemism, nonliteral languageformalfollowing established form, custom, or rule suitable for a proper occasionaccepted, decorous, genteel, polite, proper, respectable, conventional, orthodoxgraphemesmallest written unit corresponding to a sound or phonemedistinguish, pinpoint, single out, determineillustrationa picture or diagram that explains or decorates an example or instance used to make something cleardiagram, figure, graphic, visual, drawing, picture | evidence | | proof, |
| Image: Constraint of the second sec | explain | | explicate, expound, get |
| expositoryof, relating to, or containing exposition; explaining or describing somethingexplanatory, explicatoryfigurative languagelanguage expressing one thing in terms normally denoting another with which it may be regarded as analogous language characterized by figures of speechmetaphor, allegory, emblem, symbolism, euphemism, nonliteral languageformalfollowing established form, custom, or rule suitable for a proper occasionaccepted, decorous, genteel, polite, proper, respectable, conventional, orthodoxgraphemesmallest written unit corresponding to a sound or phoneme identifydistinguish, pinpoint, single out, determineillustrationa picture or diagram that explains or decorates an example or instance used to make something cleardiagram, figure, graphic, visual, drawing, illumination, image, pictogram, pictograph, picture | explicit | so clearly expressed as to leave no doubt about the meaning | definitive, specific, |
| somethingintervalfigurative languagelanguage expressing one thing in terms normally denoting another with which it may be regarded as analogous language characterized by figures of speechmetaphor, allegory, emblem, symbolism, euphemism, nonliteral languageformalfollowing established form, custom, or rule suitable for a proper occasionaccepted, decorous, genteel, polite, proper, respectable, conventional, orthodoxgraphemesmallest written unit corresponding to a sound or phonemedistinguish, pinpoint, single out, determineidentifyto recognize or be able to name someone or something, or to prove who or what someone or something isdiagram, figure, graphic, visual, drawing, illumination, image, pictogram, pictograph, picture | export | publish | |
| languagewith which it may be regarded as analogous language characterized by figures of speechemblem, symbolism, euphemism, nonliteral languageformalfollowing established form, custom, or rule suitable for a proper occasionaccepted, decorous, genteel, polite, proper, respectable, conventional, orthodoxgraphemesmallest written unit corresponding to a sound or phonemedistinguish, pinpoint, single out, determineidentifyto recognize or be able to name someone or something, or to prove who or what someone or something isdistinguish, pinpoint, single out, determineillustrationa picture or diagram that explains or decorates an example or instance used to make something cleardiagram, figure, graphic, visual, drawing, illumination, image, pictogram, pictograph, picture | expository | | explanatory, explicatory |
| suitable for a proper occasiongenteel, polite, proper, respectable, conventional, orthodoxgraphemesmallest written unit corresponding to a sound or phonemeidentifyto recognize or be able to name someone or something, or to prove who or what someone or something isdistinguish, pinpoint, single out, determineillustrationa picture or diagram that explains or decorates an example or instance used to make something cleardiagram, figure, graphic, visual, drawing, illumination, image, pictogram, pictograph, picture | | with which it may be regarded as analogous | emblem, symbolism, euphemism, nonliteral |
| identifyto recognize or be able to name someone or something, or to prove who or what someone or something isdistinguish, pinpoint, single out, determineillustrationa picture or diagram that explains or decorates an example or instance used to make something cleardiagram, figure, graphic, | formal | | genteel, polite, proper, respectable, conventional, |
| prove who or what someone or something isout, determineillustrationa picture or diagram that explains or decorates an example or instance used to make something cleardiagram, figure, graphic, visual, drawing, illumination, image, pictogram, pictograph, picture | grapheme | smallest written unit corresponding to a sound or phoneme | |
| an example or instance used to make something clear visual, drawing, illumination, image, pictogram, pictograph, picture | identify | | distinguish, pinpoint, single out, determine |
| important details information in a text that supports the central idea | illustration | | visual, drawing, illumination, image, pictogram, pictograph, |
| | important details | information in a text that supports the central idea | |



| Key Word | Definition | Synonyms |
|------------------|---|--|
| infer | to form an opinion from evidence to reach a conclusion based on known facts | decide, deduce, derive, extrapolate, gather, judge |
| integrate | to combine two or more things in order to become more effective to combine ideas from sources with one's own ideas | amalgamate, blend, combine, conflate, fuse, incorporate, meld, merge, mingle, mix |
| interpretation | an explanation or opinion of what something means | meaning, understanding |
| introduce | to bring forward for discussion or consideration to put in | begin, establish, initiate, institute, launch, set up, start |
| irregular words | words that have exceptions to the typical sound–spelling patterns | |
| | Note: Irregular words are difficult to decode because the sounds of the letters in the word do not add up to the correct pronunciation. | |
| juxtaposition | the technique of putting two or more elements side by side to invite comparison or contrast | |
| LAN | a Local Area Network such as home router | |
| legible | handwriting clear enough to read | |
| lexicon | all words known to an individual | |
| logical | according to a proper or reasonable way of thinking according to what is reasonably expected | rational, reasonable, sensible, sound, valid, well- founded, well-grounded |
| mood | the atmosphere of a piece of writing; it's the emotions a selection arouses in a reader through diction, figurative language, and other choices | |
| | Note: Although both mood and tone are developed through diction, they are not synonymous. | |
| morpheme | smallest meaningful unit in a writing system | |
| morphology | the system of word-forming elements and processes in a language | |
| morphology | the knowledge of meaningful word parts in a language (typically the knowledge of prefixes, suffixes, and/or base words) | |
| multimedia | using, involving, or encompassing several media such as text, image, audio, video, and/or animation | mixed media |
| narrative | something (as a story) that is told in full detail | account, chronicle, chronology, commentary, history, record, report, story |
| onset-rime pairs | two parts of a syllable: the onset consists of the initial consonant(s), and the rime consists of the vowel and any consonants that follow it. (For example, in the word sat, the onset is s and the rime is at. In the word flip, the onset is fl and the rime is ip.) | |
| opposing | disagreeing or disapproving | conflicting, contending, rival |



| Key Word | Definition | Synonyms |
|---------------------------|---|--|
| organize | to put things into a particular arrangement, order, or structure | arrange, array, classify, draw up, lay out, order, systematize |
| orthography | system of written language | |
| paraphrase | to say something that someone else has said or written using different words | rephrasing, restatement, restating, rewording, translation |
| perspective | a particular attitude toward or way of regarding something | outlook, perspective, position, standpoint, view |
| phoneme | the smallest unit of sound within a language system | |
| | Note: A phoneme may be a word by itself, or it may be combined with other phonemes to make a word. | |
| phonemic awareness | a subcategory of phonological awareness essential for reading, including the awareness of individual sounds/phonemes in spoken words | |
| phonological awareness | awareness of all levels of the speech sound system | |
| phonology | system of rules dealing with the sounds in a language | |
| phrase | a group of two or more words that express a single idea but do not usually form a complete sentence a brief expression that is commonly used | expression, idiom, motto, remark, saying, wording |
| plagiarism | an act of copying the ideas or words of another person without giving credit to that person | copying, falsification, literary theft, fraud, appropriation |
| plot | the plan of main story (as of a dramatic or literary work) | scheme, plan, framework, story structure |
| point of view | in literary texts, the type of narration used (as in first-, second-, or third-person narration); a way of looking at or thinking about something | outlook, position, standpoint |
| position | an arguable opinion that can be defended by evidence | |
| primary source | Sources, such as diaries, speeches, interviews, letters, official records, that provide first-hand testimony or direct evidence witnessed or recorded by someone who experienced the event(s) or condition(s) being documented | |
| prosody | the rhythmic and intentional aspect of language | |
| reasoning | the process of thinking about something in a logical way in order to form a conclusion or judgment | interpretation, thinking, rationale, proposition, premise |
| relationship | the way in which two or more people or things are connected | link, connection, affiliation, tie, correlation |
| relevant | related to a subject or to something happening or being discussed | applicable, germane, pertinent, related, suited |
| reliable | of a source, trustworthy without any biases or conflict of interest related to the topic | trustworthy |



| Key Word | Definition | Synonyms |
|--------------------------|---|---|
| research | careful study that is done to find and report new knowledge about something the activity of getting information about a subject | exploration, inquiry, investigation, probe |
| revise | dealing with the text as a whole, addressing strengths and weaknesses, arguments, focus, support, evidence, voice, and mechanical issues | alter, improve, modify, overhaul, rework, rewrite, revamp |
| | Note: Revise does not mean to rewrite the entire piece of writing. | |
| rhetoric | the art or skill of speaking or writing formally and effectively especially as a way to persuade or influence people | oratory, oration, eloquence, elocution, flowery language |
| root | a word or part of a word from which other words are obtained by adding a prefix or suffix | base, base word |
| secondary source | sources created by someone who did not experience firsthand or participate in the event(s) Examples: textbooks, journal articles, criticisms | |
| semantics | study of word and phrase meanings | |
| sequence | a series of related things or events, or the order in which things or events follow each other | progression, procession, succession, cycle |
| setting | the time, place, and circumstances in which something occurs or develops the time and place of the action of a literary, dramatic, or cinematic work the scenery used in a theatrical or film production | background, environment, environs, milieu, context |
| sight word vocabulary | words that can be recognized efficiently at a glance. Note: The goal is that all words eventually become sight words. | |
| source | a person, text, document, or primary reference work that provides information | author, origin, text |
| structure | to plan, organize, or arrange the parts of something the way that something is arranged or organized | format, framework, organization |
| style | the writer's way of writing using various techniques the way in which a writer creates voice | |
| summarize | to express or cover the main points briefly | abstract, boil down, brief, digest, encapsulate, outline, recap, recapitulate, sum up, wrap up |
| support | information and evidence used to prove or corroborate something using information or evidence to show or seem to prove | uphold, back, corroborate, help |
| | something to be true | |
| syllable | any one of the parts into which a word is naturally divided when it is pronounced a unit of spoken language that consists of one or more vowel sounds alone or with one or more consonant sounds coming before or following | |
| syntax | the formation of sentences and the associated grammatical rules. | |
| synthesize | to make something by combining different things to combine things in order to make something new | incorporate, amalgamate, blend, unify |



| Key Word | Definition | Synonyms |
|-----------------|---|--|
| technique | a way of performing a skillful activity, or the skill needed to do it | approach, means, tactic, procedure, facility |
| text features | the components of a story or article that are not the main body of text, including the table of contents, index, glossary, headings, bold words, sidebars, pictures and captions, and labeled diagrams | |
| text structures | structures used to organize information in a text Examples: chronology, comparison, and cause and effect | |
| theme | the underlying message or big idea of a talk, book, film, or other work | message, purpose, essence, lesson |
| tone | the author or speaker's attitude toward a subject, evident through diction or the viewpoint of an author or speaker on a particular subject. Tone can be formal, informal, serious, comic, sarcastic, pedantic, sad, cheerful, or any other attitude. | manner, style, character, nature, vein, mode |
| | Note: Although both mood and tone are developed through diction, they are not synonymous. | |
| topic | someone or something that people talk or write about | subject, matter, subject matter, content |
| track | to follow something that moves or changes by noticing elements it leaves behind | trace, follow |
| transition | to shift from one thing to another smoothly and without interruption words, phrases, clauses, or sentences used to connect ideas and move the reader or listener through a response | change, segue, shift, pivot, continuation, juncture |
| trigraph | group of three consecutive letters that are read as a single sound (e.g., -tch in catch; -igh in night; -ure in closure) | |
| universal theme | an idea that applies to anyone, anywhere, regardless of cultural differences | common theme, global theme |
| valid | of a source, truthful in respect to the information presented | truthful |
| visual element | visual aid that assist the reader with pictures, colors, and imagery | |
| voice | Literature: the individual style in which a certain author writes his or her works Grammar: the relationship between the action/state of being expressed by the verb and the participants related to that action (subject, direct object, indirect object.) | |
| vowel team | two or more vowels that make one sound (e.g., ea, ou, ie, oo) | |
| word analysis | analyzing morphemic units in words | |