

Glossary of Terms for Fifth Grade Standards

Reading

fluently

Reading smoothly, accurately and with expression

structural features of informational text

Students analyze text features such as:
format, graphics, sequence, diagrams, illustrations, charts, maps

strategies to comprehend text

Students think as they read to make sure they understand the text. They can:
discern main ideas and concepts presented in texts and identify evidence that supports those ideas; draw inferences, conclusions, or generalizations about text and support them with evidence from the text and prior knowledge; distinguish facts, supported inferences and opinions in text

literary forms

Different styles and types of texts
poetry, drama, essay, fiction, non-fiction

plot

Sequence of actions in a story

theme

The author's message or main idea in literature
friendship, perseverance.

literary devices

Author's techniques like surprise endings and figurative language
metaphors - He was an angry bear of a man.
similes - The announcement was like music to my ears.
hyperbole - There were at least a million questions on the test!
alliteration - She shyly shooed the boy away.

Writing

writing process

Planning, drafting, revising, editing and publishing a piece of writing

narrative

A sequenced story of actual or fictional events

conjunctions

Words used in writing to connect ideas and sentences such as:
but, and, if, or

capitalization

At fifth grade, students are expected to correctly use capitalization in all appropriate circumstances including proper names, initials, titles, events, days of week and months of year, geographic names, titles of events, holidays, historic eras, etc.

punctuation

At fifth grade this includes the use of a colon to separate hours and minutes and to introduce a list, the use of quotation marks around the exact words of a speaker and in titles of poems, songs, short stories

At 6:35, they announced the award winners: John, Maria, Nathan and Carlos.
"Go away," said the woman when she heard us sing "Frosty the Snowman."

spelling grade level words

At fifth grade, this includes roots, inflections (endings), suffixes, prefixes and contractions
rotate, rotated, rotating, rotation; appoint, disappoint, appointment, doesn't, hasn't

Mathematics

positive powers of non-negative numbers

Use of exponents to determine value of positive numbers
 $5^3 = 5 \times 5 \times 5 = 125$ $10^5 = 10 \times 10 \times 10 \times 10 \times 10 = 100,000$

prime factors

Numbers only divisible by one and themselves that are factors of another number
2 and 5 are the prime factors of 25

integer

A whole number (positive or negative) that is not a fraction

37 -5 453,872 -821

divisor

A number by which another number is to be divided

In the problem below, 25 is the divisor.

$$\begin{array}{r}
 017 \\
 25 \overline{) 425} \\
 \underline{00} \\
 42 \\
 \underline{25} \\
 175 \\
 \underline{175} \\
 000
 \end{array}$$

algebraic expression

An expression that uses symbols and numbers to represent a quantity

$3X + 27$

distributive property

When a number is multiplied by the sum of two other numbers, the first number can be handed out or distributed to both of those two numbers and multiplied by each of them separately.

$5 \times (2 + 8)$ is the same as $(5 \times 2) + (5 \times 8)$

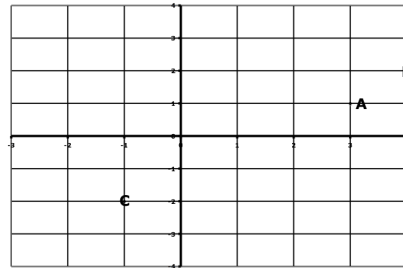
ordered pairs

Numbers used to represent points on a coordinate plane

Point A is represented by the pair (3,1).

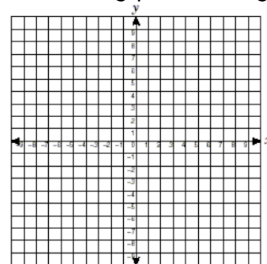
Point B is represented by the pair (4,2).

Point C is represented by the pair (-1,-2).



coordinate plane

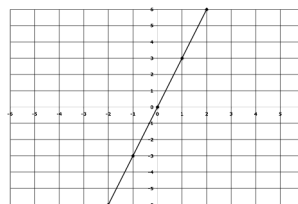
A system of locating points and graphing lines in two dimensions.



linear functions

A function in which the output is proportional to the input, or one whose graph is a straight line (hence the term "linear").

X	Y
-2	-6
-1	-3
0	0
1	3
2	6



area

The amount of space a figure covers in terms of square units



The area of the figure is 6 square units.

mean, median and mode

Different mathematical forms of “average”

variable

A symbol used to assume different numerical values

$$X + 3 = 25 \text{ (here, the variable } X = 22)$$

Science

Physical Science

In fifth grade, topics may include: the periodic table of chemical elements; atoms and molecules; properties of metals.

Life Science

In fifth grade, topics may include: structures of plants and animals; the circulatory system; the digestive system; how plants use carbon dioxide and energy from the sun.

Earth Science

In fifth grade, topics may include: evaporation and condensation of the Earth’s water; conservation and recycling of water; causes and effects of severe weather; the solar system.