

Grade 6 Word Bank

BEST PRACTICE MATH WORD BANK IMPLEMENTATION

1. Best Practices to help children take ownership and internalize these words:

- * Create a natural learning environment with rich oral and written language
- * Repeat and rephrase these words often across the entire school day
- * Use graphic organizers and charts to illustrate conceptual understanding
- * Provide visual support: artifacts/real objects brought by both teacher and students; manipulatives; photographs; illustrations; diagrams, models; multimedia
- * Provide kinesthetic support using pantomime, role-play, gestures, etc.

2. DO NOT use these strategies as they are not best practice:

- * Have students copy a definition from a glossary or other source
- * Teach the vocabulary in isolation

3. Process to begin using Word Banks:

- * Teacher and students create a Word Bank on the classroom wall. Start with Unit 1 words and add words to “similar” banks as you progress through the next units. Involve students in how the words are organized – math strands: algebra, addition, data, etc.
- * Students may have a larger list of words in a Word Bank in a notebook.

4. Look at your Differentiation Handbook on pages 17-19 and at the second page of each Unit in that same book for strategies to help children understand and use these words in their mathematical thinking and talking.

Unit 1

arc
area
bar graph
biased sample
broken-line graph
circle
circle graph
double-stem plot
graph key
interior of a circle
landmark
leaf
line graph
line plot
maximum
median
minimum
mode
mystery plot
Percent Circle
perimeter
precipitation
radius
random sample
range
recall survey
sample
sector
side-by-side bar graph
stacked bar graph
stem
stem-and-leaf plot
step graph

Unit 2

base
dividend
divisor
expanded notation
exponent
exponential notation
factor
negative power of 10
number-and-word notation
partial-quotients division algorithm

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positive power of 10
power key
powers of 10
precise
quotient
remainder
scientific notation
standard notation

Unit 3

algebraic expression
cell
column
Commutative Property of Addition
Commutative Property of Multiplication
evaluate (a formula)
evaluate an expression
formula
general pattern
horizon
line graph
rate
row
special case
speed
spreadsheet
square root
substitute
time graph
unit rate
update (revise) a spreadsheet
variable

Unit 4

common denominator
common factor
discount
equivalent fractions
greatest common factor (GCF)
improper fraction
interest
least common denominator (LCD)
least common multiple (LCM)
mixed number
percent

proper fraction
quick common denominator (QCD)
regular price
sale price
simplest form

Unit 5

accurate drawing
acute angle
adjacent angles
anchor (of a compass)
axis
bisect
compass-and-straightedge construction
concentric circles
congruent
consecutive angles
coordinate
corresponding (sides, angles)
image
inscribed
isometry transformation
line of reflection
midpoint
obtuse angle
ordered number pair
origin
parallel line segments
parallel lines
perpendicular
perpendicular bisector
preimage
rectangular coordinate grid
reflection (flip)
reflex angle
right angle
rotation (turn)
rough sketch
sector
skew
straight angle
supplementary angles
transformation
translation (slide)
transversal vertex (of an angle)
vertical (opposite) angles

Grade 6 Word Bank

Unit 6

Coefficient
Constant term
Counting numbers
Cover-up method
Division of Fractions Property
equation
equivalent equations
inequality
integers
irrational numbers
Multiplication Property of -1
nested parentheses
operation symbol
open sentence
opposite of a number
order of operations
pan balance
rational numbers
real numbers
reciprocal
relation symbol
repeating decimals
solution
solution set
terminating decimals
terms of the equation
trial-and-error method
variable
variable term
whole numbers

Unit 7

actual results
expected outcomes
equally likely
event
fair game
favorable outcomes
generate random numbers
Multiplication Counting Principle
outcomes
possible outcomes
probability
random number
simulate

simulation
tree diagram
unfair game
Venn diagram

Unit 8

balanced diet
calorie
carbohydrate
congruent figures
corresponding angles
corresponding sides
cross multiplication
cross products
enlargement
equivalent rate
equivalent ratios
fat
Golden Ratio
Golden Rectangle n-to-1 ratio
open proportion
part-to-part ratio
part-to-whole ratio
per-unit rate
proportion
protein
rate
rate table
ratio
reduction
similar figures
similar polygons
size-change factor (scale factor or scale)
solution of the proportion

Unit 9

address box
address of cell
cell
combine like terms
display bar
distributive property
equivalent equations
formulas
fulcrum
hypotenuse

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indirect measurement
labels
legs of a right triangle
like terms
mobile
numbers
Pythagorean theorem
right angle
simplify an equation
simplify an expression
spreadsheet program
square of a number
square root of a number
test number
theorem
trial-and-error method

Unit 10

Genus
Möbius strip
order of rotation symmetry
point symmetry
regular polygon
regular tessellation
rotation symmetry
semiregular tessellation
tessellation
topological property
topological transformation
topologically equivalent
topology
translation tessellation
vertex point