Grade 3 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
Answer Key
arrow rule
bar graph
calculate
centimeter
Data Bank
decimal
decimal point
difference
elapsed time
equivalent
essay
estimate
estimation
event
frame
Frames-and-Arrows diagram
Glossary
inch
index
line plot
make change
mathematical tools
maximum
median
minimum
mode
museum
name-collection box
number grid
number-grid puzzle
range
regular price
sale price
Table of contents
tally chart
tool kit
units

Unit 2
addend
ballpark estimate
change diagram
change-to-less number story
change-to-more number story
comparison diagram

Grade 3 Word Bank

comparison number story
complement
counting-up method
deposit
fact extension
fact family
function machine
higher-decade facts
inputs
label
measurement unit
number family
number model
output
partial-sums algorithm
partial-sums method
parts-and-total diagram
parts-and-total number story
rule
trade-first algorithm
trade-first method
turn-round rule
unit box
"What's My rule?"

Unit 3
about 3 times circle rule
area
center
centi-
centimeter (cm)
circumference
deci-
diameter
foot
inch (in.)
length
line segment
meter
metric system
milli-
millimeter (mm)
parallelogram
perimeter
personal references
polygon
rectangle
rhombus

square
square feet
square yards
standard unit
tiling
trapezoid
triangle
U.S. customary system
yard

Unit 4
array
as the crow flies
dividend
divisor
equally likely
fact power
factor
fair
heads
map scale
multiples of equal groups
multiplication
multiplication/division diagram
Multiplication/Division Facts Table
product
quotient
remainder
scale factor
square numbers
tails
turn-around shortcut

Unit 5
big cube
census
cube
decimeter
flat
hundred-thousands
hundredths
> (is greater than)
< (is less than)
line graph
long
maximum
median

Grade 3 Word Bank

millimeter
millions
pie graph
population
precipitation
ten-thousands
tenths
thousands
thousandths

Unit 6
2-dimensional (2-D)
3-dimensional (3-D)
AB (use the symbol for line AB)
adjacent sides
angle
angle (of a triangle)
apex
arrowhead
base of a prism
bases of a pyramid
CD (use the symbol for ray CD)
clockwise (right turn)
cone
congruent
counterclockwise (left turn)
cylinder
degree
EF (use the symbol for line segment EF)
edge
endpoint
equilateral triangle
face
full turn
half-turn
hexagonal prism
intersect
kite
line
line of symmetry
line segment
mirror image
parallel
parallelogram
plane figures
polygon
polyhedron

pyramid
quadrangle
quarter-turn
ray
rectangle
rectangular prism
regular polygon
rhombus
right angle
right triangle
rotation
side (of an angle)
side (of a triangle)
sphere
square
symmetric
symmetry
trapezoid
triangle
triangular prism
vertex (of an angle)
vertex (plural: vertices; of a triangle)
vertical

Unit 7
estimate
extended facts
factor
parentheses
product
range
similar figures
square number
square product

Unit 8
denominator
equal
equivalent fractions
mixed number
numerator
random draw
unit fraction
whole (the ONE)

Grade 3 Word Bank

Unit 9
algorithm
Celsius scale
degree Celsius
degree Fahrenheit
equilateral triangle
factors
Fahrenheit scale
lattice multiplication
partial-products algorithm

Unit 10
average
capacity of a container
capacity of a scale
coordinate
coordinate grid
cubic centimeter
frequency table
height of a prism
mean
median
memory
memory keys
mode
ordered pair
plotting the point
precision
square centimeter
square inch
volume
weight

Unit 11
autumnal equinox
summer solstice
vernal equinox
winter solstice