

# Grade 4 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

angle  
center (of a circle)  
circle  
compass  
concentric circles  
congruent  
convex  
endpoint  
equilateral triangle  
heptagon  
hexagon  
inscribed square  
interior  
intersect  
kite  
line  
line segment  
n-gon  
nonagon  
nonconvex or concave  
octagon  
parallel line segments  
parallel lines  
parallel rays  
parallelogram  
pentagon  
perpendicular line segments  
point  
polygon  
quadrangle  
quadrilateral  
radius  
ray  
rectangle  
regular polygon  
rhombus  
right angle  
side  
square  
trapezoid  
triangle  
vertex (vertices)

### Unit 2

ballpark estimate  
bar graph  
column-addition method

# Grade 4 Word Bank

counting number  
digit  
equivalent name  
estimate  
guess  
landmark  
line plot  
maximum  
median  
minimum  
mode  
name-collection box  
partial-differences method  
partial-sums method  
place  
range  
tally chart  
trade-first method  
whole number

## Unit 3

dividend  
divisor  
fact family  
factor pair  
factors  
false number sentence  
function machine  
input  
multiples  
multiplication facts  
number sentence  
open sentence  
output  
parentheses  
percent  
products  
quotient  
remainder  
rule  
solution  
solve  
square numbers  
true number sentence  
turn-around facts  
variable  
“What’s My Rule?”

## Unit 4

balance  
centimeter (cm)  
decimal  
decimeter (dm)  
deposit  
hundredth  
interest  
meter (m)  
millimeter (mm)  
ONE  
personal measurement reference  
speedometer  
tenth  
thousandth  
trip meter  
unit  
whole  
withdrawal

## Unit 5

billion  
estimation  
extended multiplication facts  
exponent  
lattice  
lattice method (for multiplication)  
magnitude estimate  
million  
partial product  
partial-products method  
powers of 10  
quadrillion  
quintillion  
rough estimate  
round  
rounding (to a certain place)  
scientific notation  
sextillion  
trillion

## Unit 6

acute angle  
angle  
axis  
base line  
clockwise  
clockwise rotation  
counterclockwise rotation

# Grade 4 Word Bank

degree  
dividend  
divisor  
equal-groups notation  
equator  
full-circle protractor  
half-circle protractor  
hemisphere  
index of locations  
latitude (lines)  
letter-number pair  
longitude (lines)  
map scale  
meridian bar  
mixed number  
Multiplication/Division Diagram  
North Pole  
obtuse angle  
ordered number pair  
parallels  
partial quotient  
prime meridian  
quotient  
reflex angle  
remainder  
right angle  
rotation  
sides (of an angle)  
South Pole  
sphere  
straight angle  
turn  
vertex (of an angle)

## Unit 7

denominator  
equal chance  
equally \*more, less) likely  
equivalent fractions  
Equivalent Fractions Rule  
event  
expect  
fair die  
favorable outcome  
mixed number  
numerator  
outcome  
probability “whole” box  
whole (or ONE or unit)

## Unit 8

area  
base  
equilateral triangle  
formula  
height  
isosceles triangle  
length  
perimeter  
perpendicular  
rough floor plan  
scale  
scale drawing  
square units  
time-and-motion study  
variable  
width  
work triangle

## Unit 9

100% box  
discount  
discounted price  
fraction of discount  
life expectancy  
list price  
percent  
percent of discount  
rank  
regular price  
repeating decimal  
rural  
sale price  
terminating decimal  
urban

## Unit 10

congruent  
credit  
debit  
frieze pattern  
image  
line of reflection  
line of symmetry  
opposite (of a number)  
preimage  
recessed  
reflection

## Grade 4 Word Bank

reflection  
reflection (flip)  
rotation (turn)  
rotation (turn) symmetry  
symmetric  
translation (slide)  
transparent mirror

### Unit 11

capacity  
cone  
congruent  
cube  
cubic units  
cup  
curved surface  
cylinder  
dimensions  
dodecahedron  
edge  
face  
flat surface  
formula  
gallon  
geometric solid  
gram  
ounce  
pint  
polyhedron  
prism  
pyramid  
quart  
rectangular prism  
regular polyhedron  
sphere  
square pyramid  
surface area  
triangular prism  
triangular pyramid (tetrahedron)  
vertex (vertices)  
volume

### Unit 12

comparison shopping  
consumer  
per  
products  
rate  
rate table  
services  
unit price  
unit rate