



Suggested List of Mathematical Language

Grade 3

Problem Solving

analyze
 approach
 collaborate
 concrete representations
 discuss
 examine
 explore
 graphical representations
 grid
 identify
 interpret
 irrelevant information
 oral representations
 pictorial representations
 problem solving strategies
 make a chart
 make a diagram
 make an organized list
 draw a picture
 process of elimination
 trial and error
 use manipulatives
 real world situation
 recognize
 relevant information
 understand
 verify results
 written representations

Reasoning and Proof

argument
 explain

investigate
 justify
 make conjectures
 mathematical statements
 reasonableness of a solution
 true/false

Communication

answer
 clarify
 explain
 verbal form of reasoning
 written form of reasoning

Connections

apply
 compare
 connect
 contrast
 recognize
 understand

Representation

construct
 differences
 similarities
 types of representations
 charts
 equations
 graphs
 physical models
 symbols

tables
verbal language
written language

Number Sense and Operations

array
associative property
commutative property of addition
commutative property of multiplication
compare
decimal number
denominator
difference
digits
divide
division
dividend
divisor
doubling
equivalent
equivalent fractions
estimate
even number
expanded form
factor
fraction
halving
hundred chart
hundreds place
identity element for multiplication
mental math
multiple
multiplication
multiply
number line
number sentence
numerator
numeric expression
odd number
ones place
operational method/operation
order
place value
product
property
quotient

reasonableness
regroup (regrouping)
related facts
round (rounding)
set of objects
skip count
subtract
subtraction
sum
tens place
three-digit number
unit fraction
value
whole number
zero property of multiplication

Algebra

compare
equal to (=)
geometric pattern
greater than (>)
less than (<)
number line
numeric pattern
pattern
unit fractions
whole numbers

Geometry

angle
attribute
circle
closed figure
congruent
cube
cylinder
edge
face
geometric figure
hexagon
length
line of symmetry
open figure
plane figure
polygon
prism

ray
rectangle
rhombus
shape
side
similar figures
solid figure
sphere
square
three-dimensional figure
trapezoid
triangle
two-dimensional figure

Measurement

analog clock
ante meridian (a.m.)
calendar
capacity
coin
cup (c)
currency symbols
customary measurement system
day
digital clock
dollar (\$)
foot (ft)
gallon (gal)
half hour
hour
inch (in)
mass
minute
nonstandard measure
ounce (oz)
pint (pt)
post meridian (p.m.)
pound (lb)
quart (qt)
scale to measure mass
second
standard measure
time
week
whole unit
yard (yd)

Statistics and Probability

bar graph
conclusion
data
frequency table
key to a graph
pictograph
prediction
probability
survey
table