**Vocabulary for**

**Scientific and Mathematical Knowledge**

**Observation:**

Observe

Hypothesize

Predict

Prediction

Check

Findings

Results

Theory

**Senses:**

See

Sounds

Smell

Taste

Touch

Texture

Hear

**Describe:**

Compare

Contrast

Same

Different

Similarities

Differences

Characteristics

**Investigate:**

Examine

Explore

Explorations

Investigate

Investigation

Discover

Experiment

Fact

Research

Interpret

Test

Try

**Characteristics:**

Shape

Size

Height

Length

Width

Weigh

Weight

Temperature

Volume

**Record and Communicate:**

Record

Journal

Communicate

Documenting

Explain

Demonstrate

Data

**Science Topics:**

Atmosphere

Habitat

Solid/liquid

Funnel

Scale

Gravity

Magnetism

Mass

Matter

Motion

Symmetry

Balance

**Measurement:**

Number

Count

Measure

Volume

Weight

Estimate

Approximately, almost, about, nearly, exactly

Equal

Greater/less/smaller than

Heavier/lighter than

Long/tall/short

High/low

Narrow/wide

Degree

Farenheit/Celcius

Inch/foot/yard/centimeter

More/less

**More Math Words**

Calculate

Cardinal numbers

Circle

Circumference

Compass

Cone

Counting

Cube

Curve

Cylinder

Degrees

Diameter

Difference

Divide

Double

Dozen

Equilateral

Fraction

Half

Isosceles

Larger than

Line

Minus

Multiply

Order

Ordinal

Oval

Parallelogram

Parallel

Pattern

Percent

Perimeter

Perpendicular

Plus

Quarter

Rectangle

Rhombus

Sequence

Sort

Square

Subtract

Symbol

Symmetry

Tally

Total

Triangle

Volume

Counting using cardinal numbers (one, two, three) and ordinal numbers, showing order (first, second, third)

Words showing relative size, weight, distance, showing comparison—big, bigger, biggest; far, farther, farthest

**Spatial Relationships and Prepositions**

About

Above

Across

After

Against

Along

Amid

Among

Around

At

Before

Behind

Below

Beneath

Beside

Between

Down

During

From

In

Into

Near

Next to

Opposite

Over

Past

To

Toward

Under

Underneath

Up

With

Within