

Everyday Mathematics, Grade 2: Key Vocabulary

See *Differentiation Handbook*, Vocabulary Development section in each unit.

Best Practice Math Word Bank Implementation

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

2. DO NOT use the following strategies as they are not best practice and waste valuable instruction/learning time:
 - a. Have students copy a definition from a glossary or other source
 - b. Teach the vocabulary in isolation

3. Process to begin using Word Banks:
 - a. 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. Use words from the file “Vocabulary – big cards”. Words may be rotated over the year, but students need to be secure with math vocabulary.
 - b. Involve students in how the words are organized – math strands: algebra, addition, data, etc.
 - c. Students may keep a list of Word Bank words 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					
<u>Lesson</u>	<u>Word</u>				
1-1	Math Message	1-12	Explorations	2-3	doubles facts
1-1	number line	1-12	Fahrenheit	2-3	Facts Table
1-2	Lost and Found Box	1-12	flat*	2-3	column*
1-2	Pattern-Block	1-12	long*	2-3	diagonal
1-2	Template	1-12	temperature	2-3	doubles facts
1-2	slate*	1-12	thermometer	2-3	Facts Table
1-2	tool kit			2-3	row*
1-3	calendar			2-3	sum
1-3	ordinal numbers			2-4	turn-around facts
1-6	Math Boxes			2-4	+9 facts
1-6	My Reference Book			2-4	+9 shortcut
1-6	Table of Contents			2-5	doubles-plus-1 facts
1-7	even number			2-5	doubles-plus-2 facts
1-7	number scroll			2-5	doubles-plus-1 facts
1-7	odd number			2-5	doubles-plus-2 facts
1-9	equivalent names			2-5	subtraction number
1-9	program			2-6	story
1-11	is equal to			2-6	-0 facts
1-11	is greater than			2-6	-0 shortcut
1-11	is less than			2-6	-1 facts
1-12	base-10 blocks			2-6	-1 shortcut
1-12	cube*			2-7	fact family
				2-7	Fact Triangle
				2-7	fact family

* Discuss the everyday and mathematical meanings of the words that are marked with an asterisk.

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See *Differentiation Handbook*, Vocabulary Development section in each unit.

2-7	Fact Triangle
2-8	heavier
2-8	in balance (balanced)
2-8	lighter*
2-8	ounce
2-8	pan balance
2-8	pound*
2-8	spring scale
2-9	name-collection box
2-10	arrow
2-10	arrow rule
2-10	frame*
2-10	arrow
2-10	arrow rule
	Frames-and-Arrows
2-10	diagrams
2-11	function machine
2-11	"What's My Rule?"
2-12	difference*

Unit 3

<u>Lesson</u>	<u>Word</u>
3-1	base-10 system
3-2	dime
3-2	nickel
3-2	penny
3-2	quarter*
3-2	\$1 bill
3-3	analog clock
3-3	clock face
3-3	digital clock
3-3	hour hand
3-3	minute hand
3-5	bar graph
3-5	middle number
3-5	predict
3-5	range*
	making change by
3-7	counting up
3-8	exact change light

Unit 4

<u>Lesson</u>	<u>Word</u>
	change-to-more
4-1	number story
4-1	change diagram
4-1	mental arithmetic
4-2	parts-and-total

	diagram
	parts-and-total number
4-2	story
4-3	degrees Celsius
4-3	degrees Fahrenheit
4-3	degree marks
4-3	thermometer
4-5	estimate
4-7	attribute blocks
4-7	centimeter (cm)
4-7	inch (in.)
4-7	tiling
4-8	ballpark estimate
4-9	algorithm

Unit 5

<u>Lesson</u>	<u>Word</u>
5-2	endpoint
5-2	line segment
5-2	point*
5-2	straightedge
5-3	parallel
5-4	angle
5-4	heptagon
5-4	hexagon
5-4	octagon
5-4	pentagon
5-4	polygon
5-4	quadrangle
5-4	rhombus
5-4	side*
5-4	trapezoid
5-4	triangle
5-4	vertex
5-4	vertices
5-5	kite*
5-5	parallelogram
5-5	rectangle
5-5	square
5-5	square corner
5-6	cone
5-6	congruent
5-6	cube
5-6	curved surface
5-6	cylinder
5-6	edge*
5-6	face*

5-6	flat surface
5-6	pyramid
5-6	rectangular prism
5-6	sphere
5-7	apex
5-7	base*
5-7	hexagonal pyramid
5-7	pentagonal pyramid
5-7	rectangular pyramid
5-7	square pyramid
5-7	triangular pyramid
5-8	line of symmetry
5-8	line symmetry
5-8	symmetrical

Unit 6

<u>Lesson</u>	<u>Word</u>
6-2	comparison diagram
	comparison number
6-2	story
6-2	difference*
6-3	bar graph
6-3	basic food groups
6-3	data table
	trade (a base-10 long
6-5	for 10 cubes)
6-7	equal groups
6-7	multiplication
6-7	multiplied by
6-7	times*
6-8	multiplication diagram
6-8	x-by-y array
6-10	equal grouping
6-10	equal sharing
6-10	remainder

Unit 7

<u>Lesson</u>	<u>Word</u>
7-1	multiple of 10
7-4	double
7-4	half
7-6	arm span
7-7	median*
7-7	middle value
7-7	sort (the data)
7-8	line plot range

Unit 8

* Discuss the everyday and mathematical meanings of the words that are marked with an asterisk.

