## **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	1-12	Explorations	2-3	doubles facts
Lesson	<u>Word</u>	1-12	Fahrenheit	2-3	Facts Table
1-1	Math Message	1-12	flat*	2-3	column*
1-1	number line	1-12	long*	2-3	diagonal
1-2	Lost and Found Box	1-12	temperature	2-3	doubles facts
4.0	Pattern-Block	1-12	thermometer	2-3	Facts Table
1-2	Template			2-3	row*
1-2	slate*		Unit 2	2-3	sum
1-2	tool kit	Lesson	<u>Word</u>	2-4	turn-around facts
1-3	calendar	2-1	addition number story	2-4	+9 facts
1-3	ordinal numbers	2-1	addition number story	2-4	+9 shortcut
1-6	Math Boxes	2-1	label*	2-5	doubles-plus-1 facts
1-6	My Reference Book	2-1	number model	2-5	doubles-plus-2 facts
1-6	Table of Contents	2-1	unit box	2-5	doubles-plus-1 facts
1-7	even number	2-2	addition fact	2-5	doubles-plus-2 facts
1-7	number scroll	2-2	fact power		subtraction number
1-7	odd number	2-2	addition fact	2-6	story
1-9	equivalent names	2-2	fact power	2-6	-0 facts
1-9	program	2-2	+0 facts	2-6	-0 shortcut
1-11	is equal to	2-2	+0 shortcut	2-6	-1 facts
1-11	is greater than	2-2	+1 facts	2-6	-1 shortcut
1-11	is less than	2-2	+1 shortcut	2-7	fact family
1-12	base-10 blocks	2-3	column*	2-7	Fact Triangle
1-12	cube*	2-3	diagonal	2-7	fact family

<sup>\*</sup> Discuss the everyday and mathematical meanings of the words that are marked with an asterisk.

## <u>Everyday Mathematics</u>, Grade 2: Key Vocabulary See *Differentiation Handbook*, Vocabulary Development section in each unit.

2-7	Fact Triangle	,	diagram	5-6	flat surface
2-7 2-8	heavier		parts-and-total number	5-6	pyramid
2-8 2-8	in balance (balanced)	4-2	story	5-6	rectangular prism
2-8	lighter*	4-3	degrees Celsius	5-6	sphere
2-8	ounce	4-3	degrees Fahrenheit	5-7	apex
2-8	pan balance	4-3	degree marks	5-7 5-7	base*
2-8	pound*	4-3	thermometer	5-7 5-7	hexagonal pyramid
2-8	spring scale	4-5	estimate	5-7 5-7	pentagonal pyramid
2-8 2-9	name-collection box	4-7	attribute blocks	5-7 5-7	rectangular pyramid
2-9 2-10	arrow	4-7	centimeter (cm)	5-7 5-7	square pyramid
2-10 2-10		4-7	inch (in.)	5-7 5-7	
	arrow rule	4-7	tiling	5-7 5-8	triangular pyramid
2-10 2-10	frame*	4-8	ballpark estimate		line of symmetry
2-10 2-10	arrow	4-9	algorithm	5-8 5-8	line symmetry
2-10	arrow rule Frames-and-Arrows		· ·	5-8	symmetrical
2-10	diagrams		Unit 5		Unit 6
2-11	function machine	Lesson	Word	Locoon	
2-11	"What's My Rule?"	5-2	endpoint	<u>Lesson</u>	Word
2-12	difference*	5-2	line segment	6-2	comparison diagram comparison number
		5-2	point*	6-2	story
	Unit 3	5-2	straightedge	6-2	difference*
Lesson	Word	5-3	parallel	6-3	bar graph
3-1	base-10 system	5-4	angle	6-3	basic food groups
3-2	dime	5-4	heptagon	6-3	data table
3-2	nickel	5-4	hexagon		trade (a base-10 long
3-2	penny	5-4	octagon	6-5	for 10 cubes)
3-2	quarter*	5-4	pentagon	6-7	equal groups
3-2	\$1 bill	5-4	polygon	6-7	multiplication
3-3	analog clock	5-4	quadrangle	6-7	multiplied by
3-3	clock face	5-4	rhombus	6-7	times*
3-3	digital clock	5-4	side*	6-8	multiplication diagram
3-3	hour hand	5-4	trapezoid	6-8	x-by-y array
3-3	minute hand	5-4	triangle	6-10	equal grouping
3-5	bar graph	5-4	vertex	6-10	equal sharing
3-5	middle number	5-4	vertices	6-10	remainder
3-5	predict	5-5	kite*		
3-5	range*	5-5	parallelogram		Unit 7
	making change by	5-5	rectangle	<u>Lesson</u>	<u>Word</u>
3-7	counting up	5-5	square	7-1	multiple of 10
3-8	exact change light	5-5	square corner	7-4	double
		5-6	cone	7-4	half
	Unit 4	5-6	congruent	7-6	arm span
<u>Lesson</u>	Word	5-6	cube	7-7	median*
4-1	change-to-more number story	5-6	curved surface	7-7	middle value
4-1 4-1	change diagram	5-6	cylinder	7-7	sort (the data)
4-1 4-1	mental arithmetic	5-6	edge*	7-8	line plot range
4-1 4-2	parts-and-total	5-6	face*		11 11 6
7 4	אם וטומו וטומו אינוים וטומו ויינוים אינוים וטומו ויינוים אינוים וויינוים אינוים אינוים אינוים אינוים אינוים אי				Unit 8

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	See Differentiation	n напавоок, \	ocabulary Development sec	ction in each t	ınıt.
<u>Lesson</u>	<u>Word</u>	10.0	counting up to make	12-4	turn-around rule
8-1	congruent	10-6	change	12-6	median*
8-1	denominator	10-8	big cube	12-6	range*
8-1	fraction	10-8	cube*	12-7	mode*
8-1	numerator	10-8	flat*		
8-1	ONE	10-8	long*		
8-2	cubic centimeter	10-8	place value		
8-2	volume*	10-9	hundreds, 100s		
8-4	equivalent	10-9	ones, 1s		
8-4	equivalent fractions	10-9	tens, 10s ten-thousands,		
8-6	unit fractions	10-9	10,000s		
		10-9	thousands, 1,000s		
	Unit 9	10-11	parenthesis		
Lesson	<u>Word</u>	10-11	parentheses		
9-1	meter*	10 11	parentneses		
9-1	standard unit		Unit 11		
9-1	yard*	Lesson	Word		
9-2	centimeter	11-3	algorithm		
9-2	decimeter	11-3	trade-first (subtraction)		
9-2	foot*	11-3	diagram		
9-2	inch	11-4	factor*		
9-3	millimeter	11-4	for each		
9-4	perimeter				
9-5	kilometer	11-4	in each		
9-5	mile	11-4	per		
9-6	area	11-4	product rate multiplication		
9-6	square centimeter	11-4	stories		
9-6	square inch	11-5	divided by		
9-7	square unit	11-5	division		
9-7	surface		multiplication/division		
9-8	capacity	11-5	diagram		
9-8	cup*	11-5	quotient		
9-8	gallon	11-5	remainder		
9-8	liter	11-6	fact power		
9-8	pint	11-6	multiplication fact		
9-8	quart	11-7	square* (of a number)		
9-9	gram	11-7	turn-around rule for		
9-9	kilogram	11-7	multiplication		
9-9	ounce	11-0	fact family		
9-9	pound*		Unit 12		
9-9	scale*	Lacan			
9-9	weigh*	<u>Lesson</u>	Word		
9-9	weight	12-3	century		
0 0	organi	12-3	communication		
	Unit 10	12-3	decade		
Lesson	Word	12-3	timeline		
10-2	decimal point	12-4	factor*		
10-2	uecimai point	12-4	product*		

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