

Unit 8 Key Assessment Opportunities Chart

Taken from *Math Trailblazers*
digital Teacher Guide

Content

Key Ideas in Unit 8		L1	L1	L2	L3	L4	L4	L5	L6
Unit 8 Expectations		L1 SAB Observe Compare and Order Masses	L1 SAB Compare and Order Masses Check-In: Q# 11-12	L2 SAB Compare Numbers**	L3 SAB Balanced and Equal Check-In: Q# 6-8**	L4 SAB Measuring Mass**	L4 SAB Pet Rock	L5 SAB Mara's Lunch**	L6 SAB How Long Does It Take
Number 1	Number Sense: Understand the base-ten number system, recognize relationships among quantities and numbers, and represent numbers in multiply ways.								
E1	Compose and decompose numbers using ones, fives, tens, twenties, fifties, and hundreds. [2.NBT.2, MP2, 4]				X	X	X	X	
E2	Use words and symbols (e.g., <, >, =) to show comparisons of quantities. (Algebra 3) [2.NBT.4, MP2, 4]		X	X				X	
E3*	Compare and order quantities. [2.NBT.4, MP2, 4, 5]			X		X			
E4*	Recognize that different partitions of a number have the same total (e.g., $50 + 4 = 40 + 14$). (Algebra 3) [2.NBT.2, MP2]			X	X	X	X	X	
Number 2	Operations: Understand the meaning of numerical operations and their application for solving problems.								
E5*	Apply the properties of addition (e.g., commutative, associative) to write number sentences that represent mass. (Algebra 4) [2.NBT.5, 2NBT.7, MP7, 8]			X	X	X	X	X	
E6	Solve addition and subtraction problems (e.g., part-whole, join, take away, compare) involving mass. [2.OA. 1, 2.OA.4, MP1, 2, 4, 5, 7]			X		X		X	
Measurement 1	Measurement Concepts: Understand measurable attributes of objects or situations (length, area, mass, volume, size, time) and the units, system, and processes of measurement.								
E7	Measure and compare the mass of objects using a two-pan balance and standard gram masses. [3.MD.2, MP2, 5, 6]	X	X			X			
E8	Solve elapsed-time problems involving time measurements to the nearest five minutes. [2.MD.7, MP1, 2, 5, 6]								X
Measurement 2	Measurement Skills: Use measurement tools, appropriate techniques, and formulas to determine measurements.								
E9	Read and write time to the nearest five minutes using analog and digital clocks. [2.MD.7]								X
Data 2	Data Representation: Select and create appropriate representations, including tables and graphs, for organizing, displaying, and analyzing data.								
E10	Make a scaled bar graph to find information about a data set. (Algebra 2) [2.MD]					X			
Data 3	Data Description: Describe a data set by interpreting graphs, identifying patterns, and using statistical measures, e.g., average and range.								
E11	Read a data table or bar graph to find information about a data set. (Algebra 2) [MP4, 5]					X			

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* Denotes Benchmark Expectation

Math Facts

		L1	L1	L3	L4	L6	L6
		TG DPP Item A Triangle Flash Cards: Group F	TG DPP Item D Addition Facts Practice	TG DPP Item G Using Ten	TG DPP Item I Fact Families	TG DPP Item U Triangle Flash Cards: Group F	TG DPP Item V Fact Families Quiz: Group F
Number 3	Computation and Estimation: Use efficient and flexible procedures to compute accurately and make reasonable estimates.						
E12*	Demonstrate fluency with the addition facts in Group F (8 + 6, 9 + 6, 9 + 7, 10 + 4, 10 + 5, 10 + 6, 10 + 7, 10 + 8, 9 + 8, 9 + 9). [2.OA.2, MP2]	X	X	X		X	
E13*	Determine the unknown number in an addition or subtraction sentence relating three whole numbers for the facts in Group F. (Algebra 4) [2.OA.2, MP2]				X		X

Math Practices

		L3	L4	L5
		SAB Balanced and Equal Check-In: Q# 6-8 **	SAB Per Rock	SAB Mara's Lunch**
MPE1	Know the problem. I read the problem carefully. I know the questions to answer and what information is important.			
MPE2	Find a strategy. I choose good tools and an efficient strategy for solving the problem.			
MPE3	Check for reasonableness. I look back at my solution to see if my answer makes sense. If it does not, I try again.			
MPE4	Check my calculations. If I make mistakes, I correct them.			
MPE5	Show my work. I show or tell how I arrived at my answer so someone else can understand my thinking. [MP4, 6]	X		X
MPE6	Use labels. I use labels to show what numbers mean. [MP4, 6]		X	X

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 ** Includes Feedback Box