Unit 2 Key Assessment Opportunities Chart

Taken from *Math Trailblazers* digital Teacher Guide

Content

Key Ideas in Unit 2 / Unit 2 Expectations	L1 SAB All Sorts of Buttons	L1 SAB How Would You Sort Them	L2 SAB Groups of Buttons	L2 TG Observe Write Problems about the Data section	L3 SAB Button Sizer Data Table and Graph	L3 SAB Mrs. Baker's Buttons**	L4 SAB Button Place Value Check-In: Q#1–2	L4 SAB Groups of Hundreds, Tens, and Ones**
Number 1 — Number Sense: Understand the base-ten number system, recognize relationships among quantities and numbers, and represent numbers in multiple ways.								
E1* Represent and identify quantities (e.g., greater than 100) using groups of counters, drawings, symbols, number sentences, and words. (Algebra 3) [2.NBT.1, 3] [MP4, 7]			✗				✗	✗
E2* Use and apply place value concepts to make connections among representations of numbers. (Algebra 4) [2.NBT.1, 3] [MP7]							✗	✗
E3* Use efficient grouping strategies to count a collection of objects. [2.NBT.1] [MP2]	✗		✗				✗	
E4 Use a benchmark to estimate a quantity of objects in a collection. [2.NBT.1] [MP2, 3]	✗		✗					
E5 Use words and symbols (e.g., < , >, =) to show comparisons of quantities. (Algebra 3)[2.NBT.4] [MP2, 6]								✗
Number 2 — Operations: Understand the meaning of numerical operations and their application for solving problems.								
E6 Represent addition and subtraction problems using counters, number lines, ten frames, drawings, and number sentences. (Algebra 3) [2.OA.1] [MP4, 5]						✗		
E7 Solve word problems (e.g., join, separate/take away, part-whole, compare) involving two whole numbers whose sum is within 100. [2.OA.1] [MP1, 3]						✗		
Measurement 1 — Measurement Concepts: Understand measurable attributes of objects or situations (length, area, mass, volume, size, time) and the units, systems, and processes of measurement.								
E8 Sort and classify objects by their characteristics. [2.G.1] [MP7]	✗	✗			✗			
Data 2 — Data Representation: Select and create appropriate representations, including tables and graphs, for organizing, displaying, and analyzing data.								
E9 Collect and organize data in a data table and bar graph. (Algebra 2) [2.MD.10] [MP5]					✗			
Data 4 — Using Data: Apply relationships and patterns in data to solve problems, develop generalizations, and make predictions.								
E10 Use a table or bar graph to solve problems about a data set. (Algebra 4) [2.MD.10] [MP2, 5]				✗		✗		

* Denotes Benchmark Expectation

Math Facts

		L1 TG DPP Item A *Triangle Flash Cards: Group C*	**L4** TG DPP Item L *Fact Families: Group C*	**L4** TG DPP Item M *Make Ten*	**L5** TG DPP Item P *Addition Practice with Tens*	**L5** TG DPP Item R *Use Other Facts*
Number 3	**Computation and Estimation: Use efficient and flexible procedures to compute accurately and make reasonable estimates.**					
E11*	Demonstrate fluency with the addition facts with sums to ten in Group C (1 + 9, 2 + 7, 2 + 8, 3 + 6, 3 + 7, 4 + 6, 5 + 5). [2.OA.2] [MP2]	✗	✗		✗	
E12*	Use math fact strategies to add (direct modeling, counting strategies, reasoning from known facts) for the facts with sums more than 10 in Group C (2 + 9, 3 + 8, 4 + 7, 5 + 6). [2.OA.2] [MP2]			✗	✗	✗
E13*	Determine the unknown number in an addition or subtraction sentence relating three whole numbers for the facts in Group C. (Algebra 4) [2.OA.1]		✗			

Math Practices

		L3 SAB *Mrs. Baker's Buttons***	**L5** SAB *Button Solutions***	**L5** SAB *Ming's Buttons***
MPE1	**Know the problem.** I read the problem carefully. I know the questions to answer and what information is important. [MP1]	✗		
MPE2	**Find a strategy.** I choose good tools and an efficient strategy for solving the problem. [MP2, 5]	✗		
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. [MP6]	✗	✗	✗
MPE6	**Use labels.** I use labels to show what numbers mean. [MP6]	✗	✗	✗

*   Denotes Benchmark Expectation
**   Includes Feedback Box