Unit 1 Key Assessment Opportunities Chart

Content

Key Ideas in Unit 1 / Unit 1 Expectations	SG Eyelets Lab Q# 8A and 9 (L1)	TG Pockets at St. Crispin's** (L1)	SG Using Averages to Answer Questions Check-In: Q# 2–5** (L2)	SAB Problem Solve with Data Check-In: Q# 1–4** (L3)	SAB Searching the Forest Lab** (L4)	TG Jocelyn's Wildflowers** (L4)	SAB Use Line Plots Check-In: Q# 9–12 (L5)	TG Test Your Knowledge: Using Data to Solve Problems** (L6)
Data 1 — Data Collection: Select, collect, and organize data to answer questions, sole problems, and make predictions.								
E1 Name variables in an investigation and list appropriate values for each. (Algebra 1) [6.SP.1, MP1, 2, 3, 3.MD.3]					✕			
E2 Represent the variables and the procedures of an investigation with a drawing. [6.SP.1, MP1, 2, 3, 5, 6]	✕				✕			
Data 2 — Data Representation: Select and create appropriate representations, including tables and graphs, for organizing, displaying, and analyzing data.								
E3* Make a bar graph using categorical data. (Algebra 2) [MP4]					✕	✕		✕
E4* Make a line plot or bar graph using numerical data. (Algebra 2) [5.MD.1, MP4]	✕	✕	✕				✕	✕
Data 3 — Data Descriptions. Describe a data set by interpreting graphs, identifying patterns, and using statistical measures, e.g., average and range.								
E5 Find the median of a data set. [6.SP.5, MP4]			✕	✕	✕	✕		
E6 Find the mode of a data set. [6.SP.5, MP4]		✕	✕	✕				
E7* Read a table, line plot, or bar graph to find information about a data set. (Algebra 4) [5.MD.1, MP4, 7]		✕	✕	✕	✕		✕	✕
Data 4 — Using Data. Apply relationships and patterns in data to solve problems, develop generalizations, and make predications.								
E8* Model real-world situations with tables, line plots, and bar graphs. (Algebra 4) [MP1, 2, 4, 5]		✕	✕			✕		
E9* Make predictions and generalizations about a data set using a median and mode. (Algebra 4) [MP1, 2, 4, 5]			✕	✕	✕			
E10* Make predictions and generalizations about a data set using a data table and graph. (Algebra 4) [MP2, 4, 5]			✕		✕	✕	✕	✕

* Denotes Benchmark Expectation
** Includes Feedback Box

Math Practices

		L1 *TG Pockets at St. Crispin's***	L2 *SG Using Averages to Answer Questions* Check-In: Q# 2–5**	L3 *SAB Problem Solving with Data* Check-In: Q# 1–4*	L4 *SG Searching the Forest Lab***
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. [MP1, 5, 6]				✕
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. [MP3, 5, 6]	✕	✕	✕	✕
MPE6	**Use labels.** I use labels to show what numbers mean. [MP6]		✕		

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