

GRADE 5 Statistics and Probability Specific Outcomes	Key Concepts in Measurement underpinning Curriculum Outcomes from FSIM: Data Management and Probability Resource Book	Sample Diagnostic Tasks and Activities	Sample Learning Tasks Selected from FSIM: Data Management and Probability Resource Book (link to online document)	Math Station Ideas:
SP5.1 Differentiate between first-hand and second-hand data. SP5.2 Construct and interpret double bar graphs to draw conclusions.	Collect and Organize Data KU1: • We can answer some questions (and test some predictions) by using data. Collect and Organize Data KU2: • We can produce data by counting or measuring things, asking groups of people, watching what happens, or reworking existing data. Summarize and Represent Data KU1: • We can display data visually; some graphs and plots show how many or how much is in each category or group. Interpret Data KU1: • Graphs, tables, and diagrams display data about the real world, although they are not pictures of the real world. We need to learn how to read them.		Data Management and Probability, pages 100-103 • Question Box • Refining Questions • New Questions • Producing Data • Using Data Data Management and Probability, pages 110-112 • Which Method? • Finding Information • Cereal Survey 1, 2, 3 Data Management and Probability, pages 166-168 • Comparing Graphs (1) • Comparing Graphs (2) • Grouped Data • Comparing Data Data Management and Probability, pages 233 • Double Bar Graphs • Statements/Collecting Graphs (1)	Math Data Game for Kids (online interactive) Handling Data (online interactive) Create a Graph (online interactive)

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SP5.3 Describe, compare, predict, and test the likelihood of outcomes in probability situations.	Understand Probability KU1: • Some things we are sure will or will not happen and other things we are unsure about. Understand Probability KU2: • There are special words and phrases we use to describe how likely we think things are to happen. Understand Probability KU3: • We can compare and order things by whether they are more or less likely to happen. Understand Probability KU4: • We say things have an equal chance of happening when we think they will happen equally often in the long run. Understand Probability KU7: • Sometimes we use data about how often an event		Data Management and Probability, pages 28-30 • Possible or Impossible? • Will it Happen? • Timetables • Predict and Test • Certain or Uncertain? Data Management and Probability, pages 36-39 • Possible Outcomes • Likely Events • Word Sort Data Management and Probability, pages 46-51 • Number Cube Games • Round the Twist • Coloured Candies • Make a Spinner Data Management and Probability, pages 60-63 • Spinners (1), (2) • Fifty-Fifty • Weather Conditions Data Management and Probability, pages 84-89	Math Live: Probability (online interactive) Why Can't I Win? (online interactive) Math Academy: Are You Game? (link to printable games)

	has happened to predict how likely it is to happen in the future.		• Two Steps Forward • Heads and Tails • Race to 50 • Counters (1)	
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