

Jefferson City Public Schools–Curriculum

SUBJECT: Elementary

COURSE: EER

STRAND: Probably Probability

Objectives	Assessment/Evaluation	Instructional Activities
<p>(A) Calculate the mean for data collected</p> <p>Performance: 1.1, 2.2, 3.1, 4.1 Knowledge: (CA) 1,4 (MA) 1,3-6 MAGLE: NO.1.B (gr. 7), NO.1.C (gr. 5), NO.2.A (gr. 4), NO.3.A (gr. 5), NO.3.B (gr.5), DP.1.A,C (gr. 6), DP.2.A (gr. 6) SCGLE: SC7.1.Bg (gr. 7), SC7.1.E (gr. 6) NETS: 8 (gr. 3-5)</p>	<ul style="list-style-type: none"> • Race to the Top Sum Winners sheet and written explanation • Fair Spinners experiment sheet • M & M Candies, Line Plots, and Graphing experiment sheet and written explanation 	<ul style="list-style-type: none"> • Race to the Top experiment • Fair Spinners experiment • M & M Candies, Line Plots, and Graphing experiment
<p>(B) Identify the median for data collected</p> <p>Performance: 1.1, 2.2, 3.1, 4.1 Knowledge: (CA) 1,4 (MA) 1,3-6 MAGLE: NO.1.A (gr. 5), DP.1.A,C (gr. 6), DP.2.A (gr. 6) SCGLE: SC7.1.Bg (gr. 7) NETS: 8 (gr. 3-5)</p>	<ul style="list-style-type: none"> • Race to the Top Sum Winners sheet and written explanation • Fair Spinners experiment sheet • M & M Candies, Line Plots, and Graphing experiment sheet and written explanation 	<ul style="list-style-type: none"> • Race to the Top experiment • Fair Spinners experiment • M & M Candies, Line Plots, and Graphing experiment
<p>(C) Record the mode for data collected</p> <p>Performance: 1.1, 2.2, 3.1, 4.1 Knowledge: (CA) 1,4 (MA) 1,3-6 MAGLE: NO.1.A (gr. 5), DP.2.A (gr. 6) SCGLE: SC7.1.Bg (gr. 7) NETS: 8 (gr. 3-5)</p>	<ul style="list-style-type: none"> • Race to the Top Sum Winners sheet and written explanation • Fair Spinners experiment sheet • M & M Candies, Line Plots, and Graphing experiment sheet and written explanation 	<ul style="list-style-type: none"> • Race to the Top experiment • Fair Spinners experiment • M & M Candies, Line Plots, and Graphing experiment

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<p>(D) Express the probability in fraction form for data collected</p> <p>Performance: 1.1, 2.2, 3.1, 4.1 Knowledge: (MA) 1,3-6 MAGLE: NO.1.A (gr. 5), NO.1.B (Gr. 7), NO.2.A (gr. 4), NO.2.A (gr. 5), NO.3.B (gr. 5), DP.1.A, C (gr. 6), DP.4.A (gr. 5) NETS: 8 (gr. 3-5)</p>	<ul style="list-style-type: none"> • Race to the Top Sum Winners sheet and written explanation • Fair Spinners experiment sheet • It's in the Bag experiment and written explanation • Odd Man Out experiment sheet and written explanation • Tossing Coins experiment sheet and written explanation • M & M Candies, Line Plots, and Graphing experiment sheet and written explanation 	<ul style="list-style-type: none"> • Race to the Top experiment • Dime Probability: Three Counters experiment • Dime Probability: Seven Beads experiment • Fair Spinners experiment • Dime Probability: Six Bead experiment • Dime Probability: One Dice experiment • It's in the Bag experiment • Dime Probability: Five Beads experiment • Dime Probability: Three Numbered counters • Odd Man Out experiment • Dime Probability: Two Dice experiment • Dime Probability: Four Beads experiment • Tossing Coins experiment • M & M Candies, Line Plots, and Graphing experiment
<p>(E) Document the probability in decimal form for data collected</p> <p>Performance: 1.1, 2.2, 3.1, 4.1 Knowledge: (CA) 1,4 (MA) 1,3-6 MAGLE: NO.1.A (gr. 5), NO.1.B (Gr. 7), NO.2.A (gr. 5), NO.3.B (gr. 5), DP.1.A, C (gr. 6), DP.4.A (gr. 5) NETS: 8 (gr. 3-5)</p>	<ul style="list-style-type: none"> • Race to the Top Sum Winners sheet and written explanation • Fair Spinners experiment sheet • It's in the Bag experiment and written explanation • Odd Man Out experiment sheet and written explanation • Tossing Coins experiment sheet and written explanation • M & M Candies, Line Plots, and Graphing experiment sheet and written explanation 	<ul style="list-style-type: none"> • Race to the Top experiment • Fair Spinners experiment • It's in the Bag experiment • Odd Man Out experiment • Tossing Coins experiment • M & M Candies, Line Plots, and Graphing experiment

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<p>(F) Show the probability in percentage form for data collected</p> <p>Performance: 1.1, 2.2, 3.1, 4.1 Knowledge: (MA) 1, 3-6 MAGLE: NO.1.B (gr. 7) NO.2.A (gr. 5), NO.3.B (gr. 5), DP.1.A,C (gr. 6), DP.4.A (gr. 5) NETS: 8 (gr. 3-5)</p>	<ul style="list-style-type: none"> • Fair Spinners experiment and written explanation • Race to the Top Sum Winners sheet and written explanation • It's in the Bag experiment and written explanation • Odd Man Out experiment sheet and written explanation • Tossing Coins experiment sheet and written explanation • M & M Candies, Line Plots, and Graphing experiment sheet and written explanation 	<ul style="list-style-type: none"> • Race to the Top experiment • Fair Spinners experiment • It's in the Bag experiment • Odd Man Out experiment • Dime Probability: Four Beads experiment • Tossing Coins experiment • M & M Candies, Line Plots, and Graphing experiment
<p>(G) Explain mathematical problem solving results or conclusions</p> <p>Performance: 1.1, 2.2, 3.1, 4.1 Knowledge: (CA) 1,4 (MA) 1,3-6 CAGLE: W.2.Da (gr. 5) MAGLE: NO.1.B (gr. 7), NO.1.C (gr. 5), NO.2.A (gr. 5), NO.3.B (gr. 5), DP.1.A,C (gr. 6), DP.2.A (gr. 6), DP.4.A (gr. 5) SCGLE: SC7.1.Ca-c (gr. 6), SC7.1.Da,b (gr. 6), SC7.1.E (gr. 6) NETS: 8 (gr. 3-5)</p>	<ul style="list-style-type: none"> • Race to the Top Sum Winners sheet and written explanation • It's in the Bag experiment and written explanation • Odd Man Out experiment sheet and written explanation • Tossing Coins experiment sheet and written explanation • M & M Candies, Line Plots, and Graphing experiment sheet and written explanation • Fair Spinners experiment and written explanation 	<ul style="list-style-type: none"> • Race to the Top experiment • Dime Probability: Three Counters experiment • Dime Probability: Seven Beads experiment • Fair Spinners experiment • Dime Probability: Six Bead experiment • Dime Probability: One Dice experiment • It's in the Bag experiment • Dime Probability: Five Beads experiment • Dime Probability: Three Numbered counters • Odd Man Out experiment • Dime Probability: Two Dice experiment • Tossing Coins experiment • Shake, Rattle, and Roll: "By George" experiment