



Technology-Connected Lesson Plan

Title:	An Apple a Day: Graphing Using Create a Graph
Grade Levels:	2 nd -4 th
Curriculum Areas:	☞ Math (Graphing)
Measurable Objectives:	<ul style="list-style-type: none"> ☞ TSW determine their favorite apple by tasting ☞ TSW create a tally chart of favorite apples ☞ TSW use Create A Graph website http://nces.ed.gov/nceskids/Graphing/ to create a graph showing the class choices for favorite apple.
LA Content Standards:	<p>Data Analysis, Probability, and Discrete Math</p> <ul style="list-style-type: none"> ☞ In problem-solving investigations, students discover trends, formulate conjectures regarding cause-and-effect relationships, and demonstrate critical thinking skills in order to make informed decisions
Grade Level Expectations (GLE)	<ul style="list-style-type: none"> ☞ D-1-E Summarize information and relationships revealed by patterns or trends in a graph, and use the information to make predictions ☞ D-2-E Analyze, describe, interpret, and construct various types of charts and graphs using appropriate title, axis labels, scales, and legends.
K12 Educational Technology Standards:	<ul style="list-style-type: none"> ☞ Technology Productivity Tools <i>Students use technology tools to enhance learning, increase productivity, and promote creativity.</i> ☞ Technology Research Tools <i>Students use technology tools to process data and report results and Students practice responsible use of technology systems, information, and software</i>
Technology Connection:	<ul style="list-style-type: none"> ☞ Computer ☞ Create A Graph Website
Procedures:	<ul style="list-style-type: none"> ☞ TTW pass out samples of four types of apples (Red Delicious, Granny Smith, Golden Delicious, Macintosh, Rome, Gala, or Fuji) in cups for the students to taste. ☞ After tasting all the apple samples, tsw decide which apple

	<p>was their favorite.</p> <ul style="list-style-type: none"> 🖥️ TTW create a tally chart on the White Board of students' choices. 🖥️ TSW then create a graph of the tally chart results using Create a Graph website. 🖥️ TTW discuss possible ways to display the information on a graph. Discuss X and Y axis, scales, and legends. 🖥️ TTW monitor students rotating in and out of the computer stations. 🖥️ TSW choose a graph type and print their graph after entering the information into the computer. 🖥️ TSW share their graphs with the class. TTW ask the class to predict the results of the same taste test in other classrooms. Discuss possible reasons for their answers.
Materials:	<ul style="list-style-type: none"> 🖥️ Computer 🖥️ White Board 🖥️ Apples, cups, paper towels 🖥️ Printer
Assessment:	🖥️ Copy of graph in their technology folders.
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School:	🖥️ Independence Elementary/Loranger Elementary