




Technology-Connected Lesson Plan

Title:	Getting Lucky with Word Problems
Grade Levels:	5-8
Curriculum Areas:	🖥️ Math
Measurable Objectives:	<p>🖥️ Lesson Objectives:</p> <p>🖥️ TSW create a "Multiplication Clover".</p>
LA Content Standards:	<p>🖥️ Demonstrate a conceptual understanding of the meaning of the basic arithmetic operations (addition, subtraction, multiplication, and division) and their relationships to each other.</p> <p>🖥️ Constructing, using, and explaining procedures to compute and estimate with rational numbers employing mental math and strategies.</p>
Grade Level Expectations (GLE)	<ul style="list-style-type: none"> • Select, sequence, and use appropriate operations to solve multi-step word problems with whole numbers.
K12 Educational Technology Standards:	<p>🖥️ Technology Guidelines:</p> <ul style="list-style-type: none"> • Technology Communication Tools • Technology Productivity Tools • Technology Research Tools • Basic Operations and Concepts <p>🖥️ Technology Performance Indicators</p> <ul style="list-style-type: none"> • Identify, explain, and effectively use input, output and storage devices of computers and other technologies (e.g., keyboard, mouse, scanner, adaptive devices, monitor, printer floppy disk, hard drive). • Use accurate and developmentally appropriate terminology (e.g., cursor, software, hardware, pull down menu, window, disk drive, hard drive, CD-ROM, laser disc) when referring

	<p>to technology.</p> <ul style="list-style-type: none"> • Use a variety of developmentally appropriate resources and productivity tools (e.g., logical thinking programs, writing and graphic tools, digital cameras, graphing software) for communication, presentation, and illustration of thoughts, ideas, and stories (e.g., signs, posters, banners, charts, journals, newsletters, and multimedia presentation.) <p> Use technology tools (e.g., publishing, multimedia tools, and word processing software) for individual and for simple collaborative writing, communication, and publishing activities for a variety of audiences. (1,3)</p>
Technology Connection:	<p>Microsoft Word, 4-Leaf Clover template, scan converter, TV, printer, http://www.billybear4kids.com/holidays/stpatty/potogold/game.htm</p>
Procedures:	<p>Introduction:</p> <ol style="list-style-type: none"> 1. TSW introduce this activity by pulling showing the students a word problem about St. Patrick's Day written on a huge 4-leaf clover. The class will read the problems and solve it together. <p>Procedures:</p> <ol style="list-style-type: none"> 2. TSW each be given a word problem to solve. They must decide which numbers will be used to solve the problem, which operation they will use to solve, and show their work. 3. TSW use media center to model for students how to locate and type on 4-leaf clover template. 4. TSW go to the computer and type their word problem on the middle of the 4-leaf clover template. In each of the leaves of the clover, the students will type one of the following: the operation, the numbers used to solve, show their work, the answer to the problem. 5. TSW check over their work, save to folder, and print clover. 6. The clovers will be cut out and hung on bulletin board labeled, "Getting Lucky with Word problems." 7. As students complete 4-Leaf clovers, they are to go to http://www.billybear4kids.com/holidays/stpatty/potogold/game.htm and complete math games.

	Closure: 10. TSW discuss strategies they used to solve their problems.
Materials:	🖨️ Large 4-leaf clover with word problem, word problems for students, paper, pencil, computer, printer, students' disks, scissors, 4-leaf clover template
Assessment:	🖨️ completed "4-Leaf clover", teacher observation
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School:	🖨️ Loranger Middle, West Side Middle