

Grade 2	Lesson: 8-9 Problem Solving: Draw a Picture and Write a Number Sentence	Reference to English
Math Standard(s): 2.NBT.5 (also 2.OA.1) Domain: Number and Operations in Base Ten		
Content Objective(s):		Language Objective(s):
Students will draw pictures and write number sentences to solve addition problems. <i>I can draw pictures and write number sentences to solve addition problems.</i>		Students will teach the class how to solve a problem. <i>I can teach the class how to solve a problem.</i>
Essential Understanding: Information in a problem can often be shown using a diagram to solve the problem. Some problems can be solved by writing and completing a number sentence or equation.		Required Academic Vocabulary for Word Wall: Listen: Read: Write: Speak: Sentence Frame:
Materials: <ul style="list-style-type: none"> Connecting Cubes (or Teaching Tool 1) Guided Practice (page 246) Independent Practice (page 247) 		Additional Lesson Vocabulary:
Lesson:		Instructional Time: 15 minutes
<p>Opening: (1 minutes) T: "You have learned how to solve story problems and how to add two-digit numbers. Today, you will learn how drawing pictures and writing number sentences are two ways to help solve a story problem."</p> <p>Introduction to New Material (Direct Instruction): (7 minutes)</p> <ul style="list-style-type: none"> Use document cam to show the students the guided practice and independent practice papers. <p>T: "Today I am going to pass out your guided practice and independent practice to you. Then we will do the story problems together."</p> <ul style="list-style-type: none"> Pass out guided practice (page 246) and independent practice (page 247) papers to the students. When the students have their papers and are sitting at their desk begin doing the story problems with the students. <p>T: "I am going to read the first problem to you. I need you to write the information on the page." T: "Flora has 24 books. Where should we write 24? Point to where we should write 24 on your paper." <i>S: will point to where they think they should write 24 on the paper.</i> T: "You were right! We write 24 here (on the green addition frame). Please write it." <i>S: will write 24 on the green addition frame.</i> T: "Let's continue, she has 18 books about bugs. Where do we write 18? Tell your neighbor and write it." <i>S: will tell their neighbor where to write 18 and write it there.</i> T: "Now, solve the problem." <i>S: will solve 24 + 18 on their papers.</i> <ul style="list-style-type: none"> Teacher will walk around and help the students as needed. <p>T: "I would like 1 student to come up and teach us how they solved 24 + 18."</p> <ul style="list-style-type: none"> Teacher will choose one student to come up and teach the class how they solve the problem. <ul style="list-style-type: none"> Use the same strategies to solve Guided Practice #2 and Independent Practice #3 and #5 as a class. <p>Closing: (1 minutes) T: "Good job, thank you for teaching us!"</p> </p>		
Assessment:		
Guided Practice		