

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. 我会画图 and 写出算式来解答加法问题。		Students will teach the class how to solve a problem. 我会教同学怎么解答一个问题。
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: “你已经学会怎么解答应用题和做二位数字的加法了。今天你会学习怎么画图和写算式来帮助你解答问题。”</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: “我们一起来做一个应用题。”</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: “我把第一题念出来然后你写下资料。Flora 有 24 本书，请用手指比出我要把 24 写在哪里。”</p> <p>S: <i>will point to where they think they should write 24 on the paper.</i></p> <p>T: “没错，我要把 24 写在这里 (on the green addition frame). 请写下来。”</p> <p>S: <i>will write 24 on the green addition frame.</i></p> <p>T: “她还有 18 本书是关于昆虫的。我要把 18 写在哪里？告诉你旁边的同学并写下来。”</p> <p>S: <i>will tell their neighbor where to write 18 and write it there.</i></p> <p>T: “现在请解答问题。”</p> <p>S: <i>will solve 24 + 18 on their papers.</i></p> <ul style="list-style-type: none"> Teacher will walk around and help the students as needed. <p>T: “我需要 1 个学生上来教我们怎么解答 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: “很好，谢谢。”</p>		
Assessment:		
Guided Practice		