

Grade 2	Lesson: 1-1	Reference to English
Math Standard(s): 2.OA.1 Domain: Operations and Algebraic Thinking		
Content Objective(s):	Language Objective(s):	
<p>Students will join two groups and write addition number sentences to tell how many in all. 我会结合两组然后写下加法算式来说出一共有几个。</p>	<p>Students will speak the words part, plus, and, in all, and equals while adding groups. 当我相加时, 我会说“部分, 加, 和, 一共, 等于”。</p>	
<p><b>Essential Understanding:</b> Parts of a whole is one interpretation of addition. Addition number sentences can be used to show parts of a whole.</p>	<p><b>Academic Vocabulary for Word Wall:</b> <b>Listen:</b> 部分, 全部, 加, 总和, 加法算式, 加法, 等于 <b>Read:</b> 加法, 加, 等于 <b>Write:</b> <b>Speak:</b> 部分, 全部, 加, 总和, 加法算式, 加法, 等于</p> <p><b>Sentence Frame:</b> ____和____一共是____。 ____和____是____的部分。</p>	
<p><b>Materials:</b></p> <ul style="list-style-type: none"> <li>Connecting cubes (teaching tool 1)</li> <li>Paper bag</li> <li>Guided Practice Sheets</li> </ul>	<p><b>Additional Lesson Vocabulary:</b> 加法, 等于</p>	
Lesson: Writing Addition Number Sentences		Instructional Time: 35 minutes
<p><b>Opening: (7 minutes)</b> T: “我需要 3 个男生和 2 个女生站起来。” S: will raise their hands. • The teacher will choose the students to demonstrate. T: “这组里有几个男生?” S: will raise their hands and say, “3 boys.” T: “没错, 有 3 个男生。有几个女生? 告诉你旁边的同学。” S: will turn to their neighbors and say, “there are 2 girls.” T: “用手指比给我看一共有几个小朋友?” S: will show 5 fingers. • Teacher will write the number 5 on the board. T: “整组有两个部分: 女生和男生。” • Repeat process with different number of boys and girls, or using another common trait such as children wearing red, or children with a watch etc.</p> <p><b>Introduction to New Material (Direct Instruction): (7 minutes)</b> • Have children work in pairs. Give each pair a bag with 18 cubes, 9 of one color, 9 of another. T: “你可以怎么用连接方块来表示 3 加 2?” Allow students time to work together with the cubes. Invite volunteers to show and explain their work. Draw a sample work mat on the board. Then draw 3 squares on the left and 2 squares on the right. T: “我们要怎么找出一共有几个?” Count all the cubes. Write “3 and 2 is ____ in all” on the board “3 和 2 一共是多少?” Have students write the number with their finger in the air. Write 5 on the board. “有两组方块, 每组是一个部分。两个部分是全部。”</p> <p><b>Guided Practice: ( 10 minutes)</b> Keeping children in pairs, have each take turns taking a handful of cubes from the bag. Guide the children to organize their cubes into groups by color using the work mat. Then direct children’s attention to the bottom half of the page and ask them to count the cubes out loud, touching each. T: “找出算式里的第一个空格。我们会在里面写下红色方块的数量。我们会在第二个空格里写下蓝色方块的数量。最后一个空格里要写下一共有几个方块。” Have the children repeat the activity. <u>Use the modeling cycle:</u> Teacher Does: T: “我们一起来做第 1 题。跟我一起数: 1,2,3,4 个绿色的方块。” S: will count out loud</p>		

T: 所以我要在第一个空格里写上 4。现在数有几个黄色的方块：1, 2. 告诉你旁边的同学要把 2 写在哪里。”

S: will point to where on the paper they should write

T: “现在我们来数一共有几个。1, 2, 3, 4, 5, 6. 我们要在最后一格空格里写 6。”

S: write in 6

T: “我们完成算式了。请小声地把算式念出来。”

S: will whisper how they think it should be said.

T: 很好，有人说 4 和 2 一共是 6，也有人说 4 加 2 是 6。两个说法都是正确的。”

2 Students Do with Teacher:

T: “我需要 2 个学生来帮忙。学生 1 会数有几个红色的方块。”

S: “1, 2, 3.”

T: “请在第一个空格里写下 3。学生 2 会数有几个蓝色的方块。”

S: “1.”

T: “请把 1 写在算式的第二个空格里。所以我们有 3 个方块和 1 个方块，这样一共是几个方块？(Let the two students answer) “1, 2, 3, 4, 对, 4 个, 所以我们要把 4 写在哪里？”(Let the two students show and write the answer)

2 Students Do:

T: “我需要 2 个学生来帮忙。这次你们自己做。学生 1,, 请数有几个红色的方块。

S: will count out loud

T: “学生 2, 请数有几个蓝色的方块然后把算式写在白板上。”

S: will count and write

T: “很好，谢谢。”

**Independent Practice: (6 minutes)**

T: “现在换你自己做第 4, 5, 6 和 7 题了。你们有 5 分钟来完成。”

S: will go back to desks for independent practice.

**Closing: (4 minutes)**

When students are mostly done, start singing for them to come over to the rug.

T: “我们一起来做一体。”

“Anna 有 6 本关于猫的数 (Draw 6 red books on the board)。她也有 2 本关于狗的数 (Draw 2 blue books on the board)。她一共有几本数？我们来数一数。”

S: will count out loud: 1, 2, 3, 4, 5, 6, 7, 8.

T: “跟我一起说：6 和 2 是 8。告诉你旁边的同学。”

S: will tell partner the sentence frame

T: “今天做得很好。”

**Assessment:**

**Homework**

**Problems 9-11 passed out in English**