Grade 1	Lesson: 7-6 Problem Solving: Look for a Pattern	Reference to English
Math Standard(s): 1.NBT.1		**Domain: Number and Operations in Base Ten**

Content Objective(s):	Language Objective(s):
Students will solve addition problems by recognizing and recording its parts in small groups. 我会认出和用小组写下算式的部分来做出加法问题。	Students will speak the words inside, outside and in all while adding parts. 我在相加部分时会说 里面，外面 和 一共。
Essential Understanding: Some problems can be solved by identifying elements that repeat in a predictable way.	**Academic Vocabulary:** **Listen:** **Read:** **Write:** **Speak:** **Sentence Frame:**
Materials: • Two-color counters (teaching tool 14)	**Language and Word Wall:**
Lesson:	**Instructional Time: 20 minutes**

Opening: (3 minutes)

T: "你已经学会怎么在百数表上找出序列，而且也学会怎么跳数了。今天你会学习怎么用数字序列来解答问题。"

• Show students 4 trains of connecting cubes, each with 5 cubes.

T: "你要怎么用跳数来找出一共有几个方块？每条有1,2,3,4,5 个方块，所以我可以五个一数。跟我一起数5, 10, 15, 20。"

S: will skip count with the teacher, "5, 10, 15, 20"

T: "一共有20个方块。"

Introduction to New Material (Direct Instruction): (12 minutes)

• Hand out white boards, erasers and markers.

T: "今天我们会一起做5个应用题。你会把它画在你的白板上。然后你会用你画的图来跳数。"

T: "这里有5个叶子。画5个叶子。每个叶子上有2只瓢虫。在每个叶子上画2只瓢虫。"

S: will draw the leaves and put 2 ladybugs on each.

T: "一共有几只瓢虫？我们该怎么数？十个一数吗？"

S: will respond, "no"

T: "-五个一数？"

S: will respond, "no"

T: "- 两个一数？"

S: will respond, "no"

T: "没错，我们来两个一数。2,4,6,8,10。"

S: will count by 2s with the teacher.

T: "现在请不这些数字写下来。请边写边说出来。2,4,6,8,10。"

S: will write and say, "2,4,6,8,10"

T: "一共有几只瓢虫？请举手。"

S: will respond, "10"

• Go through problems 2–6 the same way.

Closing: (5 minutes)

T: "现在我们一起来写一个应用题。我们来写关于公车和人。我们要有几辆公车？"

S: will raise their hands and give a number.

T: "好，每辆公车上有2个，5个还是10个人？"

S: will give an number "2" or "5" or "10"

T: "所以, 我们有 ____ 辆公车。每辆公车上有 ____ 个人。请画一个图。"

S: will draw the story problem.

T: "一共有几个人？我们要两个一数，五个一数还是十个一数？"

S: will respond, "2" or "5" or "10"

• Teacher and students will skip count the number of people on the buses.

T: "一共有几个人？"

S: will respond with the amount of people on all the buses all together.

Assessment:

Observation of White board work.