

Grade 1	Lesson: 14-5 Making Real Graphs	Reference to English
Math Standard(s): 1.MD.4		Domain: Measurement and Data
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解答加法问题。		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: Each type of graph is most appropriate for certain kinds of data. In a real graph, real objects are arranged in a particular way to make comparisons.		Academic Vocabulary: Listen: Read: Write: Speak: Sentence Frame:
Materials: • connecting cubes		Language and Word Wall:
Lesson:		Instructional Time: 25 minutes

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Opening: (2 minutes)

T: “你已经学会怎么用实际图表来回答问题，也学会怎么画出计数条了。”

- Show students tally marks again

T: “今天你会学习怎么用计数条的资料来做出实际图表。”

T: “你们有几个在穿有鞋带的鞋子？有几个是穿没有鞋带的鞋子。我们来数。如果你的鞋子有鞋带请站起来。”

S: with laces on their shoes will stand up.

T: “跟我一起数有几个学生穿着有鞋带的鞋子然后我会用计数条纪录在白板上。”

S: will count the number of students with laces.

T: “请坐下。穿着没有鞋带的鞋子的学生，请站起来。请数一数有几个学生的鞋子是没有鞋带的然后我会用计数条写下来。”

S: will count the number of students without laces.

Introduction to New Material (Direct Instruction): (3 minutes)

T: “有几个学生是有鞋带的？我们来数计数条 (will count by 1s).”

S: will count the tally marks for students with laces.

- Teacher will write the number.

T: “这次我们来五个一数，来数出有几个学生的鞋子没有鞋带。我们一起来数。”

S: will count the tally marks by 5s for students without laces.

- Teacher will write the number.

T: “现在我要发连接方块给你们。你们要用红色的方块来代表穿着有鞋带鞋子的学生，然后用黄色的方块来代表穿着没有鞋带鞋子的学生。”

- Teacher will hand out connecting cubes (2 colors) to all the students.

S: will connect the cubes to represent laces and no laces.

T: “给我看你们连接的方块。”

S: will show their connecting cube trains.

Guided Practice: (8 minutes)

Use the modeling cycle:

Teacher Does:

T: “我要你跟一个同学来做这个活动。白板上有一个图表。我要你跟同学说出有几个橘色的点，几个紫色的点和几个黄色的点。之后我要你用连接方块来代表每个颜色的点。”

1 Student Does with Teacher:

T: “我需要一名学生上来帮我。你会告诉我几个黄色，紫色和橘色的点然后我们会用连接方块来代表。”

- Teacher will choose a student.

T: “有几个黄色的点？数计数条。”

S: will count the tally marks for the yellow dots, and say “7 yellow dots.”

T: “有几个紫色的点？数计数条。”

S: will count the tally marks for the purple dots, and say, “3 purple dots.”

T: “有几个橘色的点？数计数条。”

S: will count the tally marks for the orange dots, and say, “6 orange dots.”

T: “现在我们为每个颜色做出一条连接方块。你来做橘色的，我来做紫色的。”

S: will make the orange connecting cube train.

T: “很好，请坐下。”

All Students Do:

T: “现在我来把你们分成2个一组。你们会用连接方块来做出一个实际图表。我会改变上面的资料所以你们可以做出一个新的图表。之后我会来检查你们的实际图表是不是正确的。你有5分钟。”

- Teacher will separate the students and hand out the connecting cubes.

S: will do the activity.

- Teacher will walk around the groups to check the work.

- Bring the students back together after 5 minutes.

Independent Practice: (7 minutes)

- Draw the image for Guided Practice #1 on the board.

T: “现在换你自己做了。你们每个会拿到一张纸。我们一起来做第一题。”

T: “看看白板上的图，有几个绿色的方块？”

S: will say the number of green cubes, “6”

T: “我会把计数条和数字写在白板上。”

Assessment:

Guided Practice

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