

Grade 1	Lesson: 2-5 Stories About Taking Away	Reference to English
Math Standard(s): 1.OA.1 & 1.OA.4	Domain: Operations and Algebraic Thinking	
Content Objective(s):	Language Objective(s):	
Students will tell and act out stories about taking away to find out how many are left. 我可以说和比出减法的故事。	Students will say the subtraction sentence while subtracting objects. 我可以边做减法，边说出减法算式。	
Essential Understanding: Taking away parts from a whole is one interpretation of subtraction. Subtraction number sentences can be used to show taking-away subtraction situations.	Academic Vocabulary for Word Wall: Listen: 拿掉 / 减掉, 答案 Read: Write: Speak: 拿掉 / 减掉	
Materials: <ul style="list-style-type: none"> • Connecting cubes • Whiteboards and dry erase markers • Guided Practice page 58-58 • Problem Solving page 60 	Additional Lesson Vocabulary: 鸭子, 飞, 桶子	
Lesson: Stories About Taking Away	Instructional Time: 35 minutes	

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Opening: (2 minutes)

T: “你已经学会怎么写出减法算式来找出未知的部分。我有8个方块，我拿走3个。”

- Use connecting cubes as you do this problem.
- Write the subtraction sentence on the board.

T: “用手指比出还剩下几个方块。”

S: will show 5 with their fingers.

T: “没错！今天你会学习怎么用减法算式来做应用题。”

- Distribute the connecting cubes to the students (8 cubes for each student).

T: “你可以用连接方块来代表加法的故事。例如，一个池塘里有3只鸭子。”

- The teacher will put 3 cubes together to make a train.

T: “又有2只鸭子来到池塘。”

- The teacher will add 2 more cubes to the train.

T: “我们一共有几只鸭子？”

S: will say “5”.

T: “我们一起数方块。”

S: will say 1, 2, 3, 4, 5

T: “没错，池塘里有5只鸭子。”

Introduction to New Material (Direct Instruction): (8 minutes)

T: “这里还有一个故事可以用连接方块来代表。6只鸭子在池塘游泳。所以，把6个方块连在一起。”

- The teacher will put 6 cubes together in a train.

T: “2只鸭子飞走了。拿走2个方块。池塘里还有几只鸭子？”

- The teacher will take off 2 of the cubes.

S: will say “4”.

T: “我们一起来数方块。”

S: will say “1, 2, 3, 4.”

T: “没错。池塘里有4只鸭子。”

- Write a blank subtraction sentence on the board.

T: “我们看一下这个故事的减法算式。谁知道怎么完成这个减法算式？第一个空格应该是什么数字？用手指比给我看。”

S: will show 6 with their fingers.

T: “没错，第1个空格里要填6。第二个空格应该是什么数字？有几只鸭子飞走了？告诉你旁边的同学。”

S: will tell their neighbor and say “2” or “2 ducks”

T: “我们把减法算式有的部分念出来， $6 - 2 = \underline{\quad}$ 。差是什么？请举手。”

- Don't call on a student until all the student's hands are raised.

S: will say, “4”

T: “对，差是4。我们一起说出减法算式。 $6 - 2 = 4$ 。现在告诉你旁边的同学。”

S: will turn to their neighbor and say, “ $6 - 2 = 4$.”

Guided Practice: (13 minutes)

Use the modeling cycle:

Teacher Does:

T: “今天你们会两个两个一起写出减法故事。”

- The teacher needs to check and make sure each child has 8 connecting cubes.

T: “池塘里有7只鸭子。所以把7个连接方块连在一起。”

- The teacher will put 7 cubes together in a train.

T: “着7个方块代表什么？”

S: will say “ducks.”

T: “3只鸭子飞走了。所以拿掉3个方块。池塘里还剩下几只鸭子？告诉你旁边的同学。”

- The teacher will take off 3 of the cubes.

S: will say to their neighbor, “4”.

T: “我们一起来数方块。”

S: will say “1, 2, 3, 4.”

T: “没错，池塘里剩下4只鸭子。我们来写这个故事的减法算式。告诉你旁边的同学这个减法算式。”

S: will say to their neighbor, “ $7 - 3 = 4$.”

- The teacher will write the number sentence on the whiteboard as the student says it aloud.

T: “我们一起说， $7 - 3 = 4$ 。”

Assessment:

Guided Practice

S: will say "7 minus 3 equals 4."

T: "这个故事的答案是什么?"

S: will say "4".

Student Does with Teacher:

T: "我需要一名学生来帮我。"

- Pick a student to come up and demonstrate the activity with the teacher.

T: "我们会一起做这个活动。我们一共要几只鸭子?"

S: will say ____.

- Teacher writes a ____ on the whiteboard. Teacher makes a train with ____ cubes.

T: "我们要有几只鸭子飞走?"

S: will say ____.

- Break off ____ cubes and cover them with a paper.

T: "这样, 池塘里还剩下几只鸭子?"

S: will say "____".

T: "我们一起数一数。"

- Count the number of cubes left on the train.

T: "没错, 池塘里还剩下____只鸭子。我们需要为这个故事写出一个减法算式。帮我完成这个故事的减法算式。"

S: will say "____ - ____ = ____."

- The teacher will write the number sentence on the whiteboard as the student says it aloud.

T: "我们一起念出减法算式。"

S: will say "____ minus ____ equals ____."

T: "我们一起说。"

S: will say, "____ minus ____ equals ____."

T: "故事问题的答案是什么?"

S: will say "____".

T: "很好! 现在换我了, 请坐。"

2 Students Do:

- The teacher will write ____ - ____ = ____ on the whiteboard.

T: "我需要2名学生上来帮我。如果你想帮忙, 请举手。"

- Teacher will choose 2 students.

T: "你们两个会帮我们示范这个活动。学生1会决定一共有几只鸭子然后要有几只鸭子飞走。学生2会用连接方块来代表这个故事。之后, 他们两个会在白板上写出一个减法算式。不要忘了念出来喔!"

S: #1 will tell a story about taking away

S: #2 will model the story using the connecting cubes.

- The two students will write a subtraction number sentence on their whiteboard. Then the students will read the subtraction number sentence aloud.

- Teacher will prompt the students as needed.

T: "谢谢你们的帮忙, 你们可以回座位了。"

All Students Do:

T: "现在你们都知道怎么做这个活动了。我会把你们分成两个一组, 我叫到你的名字时, 请上来拿一个白板和一支白板笔。你们有5分钟的时间来做这个活动。我拍手时, 请看我。"

- As the teacher calls on the students they will come up and get their whiteboards and dry erase markers.

- Teacher will walk around the classroom as the students do the activity and make sure they are on task.

T: (Clap to get their attention.) "你有10秒钟来把东西收好, 回到地上的座位。10, 9, 8, 7, 6, 5, 4, 3, 2, 1。很好。"

Independent Practice: (10 minutes)

T: "现在换你自己做了。你们每个会拿到一张工作纸。我们一起做第一题。"

- Pass out guided practice page 58-59.

- The teacher will read problem #1 on page 58 to the students.

T: “Dan一共有几个桶子?”

S: will say “6”.

T: “在第1题上写上6。现在看以下图案，Dan给Sue几个桶子? 告诉你旁边的同学。”

S: will say to their neighbor, “2”.

T: “在第1题上写2。Dan还剩下几个桶子? 用手指比给我看。”

S: will show “4”.

T: “写上4。现在请做第2, 3, 4 和5题。你们有4分钟的时间，我拍手时，请回到地上的座位。”

- Students will get to work finishing pages 58–59. As they are working independently the teacher will walk around the room asking students to answer questions and check for any misconceptions.
- Teacher claps hands and students return to the carpet. Do problems 6, 7, and 8 on the problem solving page together.

Closing: (2 minutes)

- Collect the papers and bring the class together on the floor.

T: “你们今天做得很好! 我们一起来做第4题。”

- The teacher will read problem #4 on page 59 to the students.

T: “有几个小朋友在溜滑梯?”

S: will say “9”.

T: “有几个小朋友跑去荡秋千?”

S: will say “6”.

T: “还剩下几个小朋友在溜滑梯?”

S: will say “2”.

T: “很好!”

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