

Grade 1	Lesson: 2-8 All Kinds of Subtraction Stories	Reference to English
Math Standard(s): 1.OA.1 & 1.OA.4 & 1.OA.6		Domain: Operations and Algebraic Thinking
Content Objective(s):		Language Objective(s):
Students will write subtraction sentences to represent different kinds of subtraction stories. 我可以写出减法算式。		Students will tell a subtraction story using the sentence frame. 我可以讲一个有关方块的减法故事。
Essential Understanding: There are different interpretations of subtraction. Subtraction number sentences can be used to show each interpretation.		Academic Vocabulary for Word Wall: Listen: 少于 Read: Write: Speak: Sentence Frame: 这里有 ____ (数字) ____ 颜色 (方块). 我拿走了 ____ (数字), 现在还剩下几个?
Materials: <ul style="list-style-type: none"> • Connecting cubes (9 per group) • Whiteboards and dry erase markers • Guided Practice page 70-71 • Problem Solving page 72 		Additional Lesson Vocabulary: 拿走, 塔, 比较高, 气球, 胡萝卜
Lesson: All Kinds of Subtraction Stories		Instructional Time: 40 minutes

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Opening: (2minutes)

T: "You have learned how to write subtraction sentences to describe different kinds of stories. Today, you will practice using cubes or pictures and writing subtraction sentences to describe these different kinds of stories."

- Put 4 red cubes down in a pile. Put 3 blue cubes together in a pile.

T: "We want to find how many more red cubes than blue cubes. What can we do to solve this problem?"

- If students can't come up with the words, prompt them with a variety of answers and have them pick one.

S: will say "compare" or "subtract"

T: "To compare the cubes we will put them into towers."

- Put 4 red cubes together in a tower. Put 3 blue cubes together in a tower.

T: "Which tower is taller? Tell your neighbor."

S: will say to their neighbor, "red" or "the red tower."

T: "How many more red cubes than blue cubes? Write it in the air."

S: will write "1" in the air.

Introduction to New Material (Direct Instruction): (5 minutes)

- Pass out 9 connecting cubes per child. Also, have students get whiteboards and a dry erase marker.

T: "Here is a story you can show using your cubes. Susie had 7 balloons everyone show me 7 balloons (or cubes)."

S: will show 7 cubes.

T: "Then she gave some balloons to her friends. Now Susie has 4 balloons. Take away 4 balloons."

S: will take away 4 balloons.

T: "How many balloons did Susie give to her friend? How many balloons are left in your hand? Write the number on your board."

- Make sure the students have their connecting cubes out to use.

T: "How many balloons did Susie start out with?"

S: will say "7".

T: "How many balloons did Susie end up with?"

S: will say "4".

- Have the students disconnect 4 cubes to show the number of balloons Susie ended up with. Guide the students to connect more cubes to the 4 cubes to get 7, the number of balloons Susie gave away.

T: "How many more cubes did you need to make 7? Tell your neighbor."

S: will say to their neighbor, "3".

- Guide children to write $7 - 4 = 3$ on their whiteboards.

- Write a blank subtraction sentence on the board.

T: "Help me fill in the blanks on this subtraction sentence. What goes in the first blank?"

S: will say "7"

T: "You are right! $7 - \underline{\quad}$? What goes in the second blank? Don't forget to write it on your whiteboard."

S: will write $7 - 4$ on their whiteboard.

T: "What goes on the last blank. Write it and then we will say it together."

S: will write and then say "7 minus 4 equals 3."

Guided Practice: (15 minutes)

Use the modeling cycle:

Teacher Does:

T: "Let's look at another subtraction story. Kim has 7 carrots. Bob has 4 fewer carrots than Kim. How many carrots does Bob have?"

- Students should already have connecting cubes out.

T: "How many carrots does Kim have? Show with your fingers."

S: will show "7".

T: "Connect 7 cubes."

S: will connect 7 cubes.

T: "What is the missing part?"

S: will say "Bob's."

T: "How many fewer carrots does Bob have than Kim?"

S: will say "4".

T: "Take away 4 cubes."

S: will take away 4 cubes.

T: "How many cubes are left? Tell your neighbor. Then write the whole subtraction sentence on your board."

S: will say to their neighbor "3"

Assessment:

Guided Practice

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