

Grade 1	Lesson: 9.2 Making Numbers on a Hundred Chart	Reference to English
Math Standard(s):	1.NBT.4	Domain: Number and Operations in Base Ten
Content Objective(s):	Language Objective(s):	
Students will use a hundred chart to show the relationships of 1 more than, 1 less than, 10 more than, and 10 less than on a given number. 我会用百数表来标示出一个数字多1, 少1, 多10 或 少10.	Students will say the numbers that are 1 more, 1 less, 10 more, 10 less when working with a partner. 我会说出一个数字多1, 少1, 多10 和 少10。	
Essential Understanding: Numbers can be represented on a hundred chart.	Academic Vocabulary: Listen: Read: Write: Speak: Sentence Frame:	
Materials: <ul style="list-style-type: none"> • Hundred Chart (teaching tool 11) • Connecting Cubes • Student math workbooks 	Language and Word Wall: 数字	
Lesson: Making Numbers on a Hundred Chart	Instructional Time: 45 minutes	

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Opening: (5 minutes) –

T: “你已经学会怎么用连接方块来找出多1, 少1, 多10或少10的数字。今天你会学习怎么用百数表来找出这些数字。”

- As a review and connection into today's lesson, display a train of 8 cubes. “How could you show 1 less?” (Remove 1 cube from the train of 8 cubes.) “How could you show 1 more?” (Add 1 cube to the train of 8 cubes.)

Introduction to New Material (Direct Instruction): (10 minutes)

T: “你可以怎么用方块来在百数表上找出多1, 少1, 多10或少10的数字? 这是我们今天会学习的。”

- Project page 303 of the math workbook on the board. Have the children look at page 303. Start with 33 and have children use cubes to find the numbers that are 1 more and 1 less than 33.

T: “33多1是什么? (34) 33少1是什么? (32).”

T: “你可以用百数表来找出多1, 少1, 多10或少10的数字。”

- Display a hundred chart and have the children find where 33, 34, and 32 are located. Have them notice the arrangement of the numbers as they record their work in Items 1 and 2 on page 303. Repeat the activity for the numbers that are 10 more and 10 less than 48. Have children record their work in Items 3 and 4.

T: “我们在百数表找出这些数字时可以看到什么序列?”

- Students respond: the numbers 1 more and 1 less are to the left and right and the numbers 10 more and 10 less are above and below.

Guided Practice: (15 minutes)

T: “好, 我们再一起来用百数表找出多1, 少1, 多10或少10的数字。”

Use the modeling cycle:

1. Teacher Does

T: “我来示范。我会做第304页的第1题。中间的格子里有33。现在我要找出33多1, 少1, 多10或少10的数字。我会先找出多1和少1, 所以我要找出33右边和左边的数字。”

- When finished, write in the answers so far for number 1. Now move on to finding 10 more and 10 less.

T: “现在我要找出33上面和下面的数字来知道33多10和少10的数字。往前和往后十个一数会比较快, 所以33的上面是23, 然后下面是43。”

- Write the answer 23 and 43 in the boxes.

2. Students Do with Teacher:

T: “现在换你跟一个同学做了。记得把数字说给你的同学听。跟你的同学做第2题。”

- Watch and monitor students as they work.

3. Students Do:

- Students do number 3 on their own.

Independent Practice: (10 minutes)

- Students do numbers 3–8 of page 304 and 305 of their math workbooks.

Closing: (5 minutes)

T: “这个课程里, 你学会用百数表上的位值序列来找出多1, 少1, 多10 或少10的数字。”

- Practice counting by tens starting from any random 2–digit number.

Assessment: Student math workbook page 304 and 305, problems 3–8