

Grade 2	Lesson: 10–7 Comparing Numbers	Reference to English
Math Standard(s): 2.NBT.4		Domain: Numbers and Operations in Base Ten
Content Objective(s):		Language Objective(s):
Students will compare three-digit numbers using the symbols $<$, $=$, $>$. 我会用符号比较三位数字。		Students will use the words bigger, smaller and equal to when answering questions. 我在回答问题时，我会用比较大，比较小和等于。
Essential Understanding: Place value can be used to compare and order numbers.		Required Academic Vocabulary for Word Wall: Listen: Read: Write: Speak: Sentence Frame:
Materials: <ul style="list-style-type: none"> • Place– Value blocks (or Teaching Tool 17) • Whiteboards, Markers, Erasers • Patterns with Numbers on Hundreds Charts (page 321) • Guided Practice (page 322) 		Additional Lesson Vocabulary: 比较
Lesson:		Instructional Time: 25 minutes

Opening: (2 minutes) -

- Students will start on the carpet.
- Pass out whiteboards, erasers and markers.

T: “你已经学会怎么比较二位数字了。今天你会学习怎么比较三位数字。”

T: “Maria和Roy 在学校的戏剧里。如果Maria有5套服装然后Roy有4套服装，谁有比较多套服装？告诉你旁边的同学。”

S: will turn to their neighbor and say, “Maria.”

T: “你怎么知道Maria的比Roy的多？”

S: will respond, “because 5 is more than 4.”

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

- Write 5 and 4 on the board.

T: “哪个数字比较大？”

S: will respond, “5 is bigger.”

- Write a $>$ on the board between 5 and 4.

T: “我在5和4中间写了一个符号，这代表5大于4。如果我用 $<$ ，那就代表5小于4。5小于4吗？用大拇指比给我看。”

S: will show thumbs down.

T: “对，5大于4，所以我们需要用这个符号： $>$ 。”

- Write $<$, $>$, $=$ on the board and explain them. With greater than, less than and equal next to each.

T: “看第一个符号，这两条线连接的这边代表比较小或小于。”

T: “打开大那边代表比较大或大于。”

T: “这个符号代表等于。你在比较数字时，两边一样大就是等于。这三个符号帮助我们比较数字。”

- Pass out whiteboards, erasers and markers.

T: “我会在白板上写下两个数字，你们也一样然后用一个符号来做比较。”

- Write 34 and 82 on the board.

T: “把34和82写在白板上。你们要决定用哪个符号。”

S: will write the numbers on their boards with a symbol between them.

T: “给我看你的白板。”

- Teacher will check the students work on the boards.

T: “两个数字是34和82。它们相等吗？用大拇指比给我看。”

S: will show thumbs down.

T: “34大于82吗？用大拇指比给我看。”

S: will show thumbs down.

T: “82大于34吗？用大拇指比给我看。”

S: will show thumbs up.

T: “很好，82大于34，我们来把 $<$ 写在两个数字的中间。现在请说34小于82。把算式念给你旁边的同学听。”

S: will read, “34 is less than 82” to their neighbor.

T: “再跟我说一次：34 小于 82。”

T: “我们把数字倒过来：82 ____ 34. 请填空。”

S: will write $>$ between 82 and 34.

T: “把比较的算式说给你旁边的同学听。”

S: will tell their neighbor “82 is greater than 34.”

T: “对，82大于34。跟我一起说出来：82 大于 34。”

T: “我们再来做一次。我会在白板上写下两个数字。57 和 23. 请写下这两个数字然后在它们中间写下正确的符号。”

S: will write $57 > 23$ on the board.

- Go through the questioning again with the numbers 57 and 23 as you did with 34 and 82.
- Repeat this exercise 4 more times making sure that the students read the comparing sentence to their neighbors each time.
 - 481 and 418
 - 361 and 347
 - 776 and 774
 - 117 and 171

T: “很好。”

Independent Practice: (10 minutes)

T: “现在换你自己做了。我们先一起做第1题。”

T: “你写下57和23并写出正确的符号。”

Assessment:

Guided Practice

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