

Grade 2	Lesson: 5-3	Reference to English
Math Standard(s): 2.NBT.3		Domain: Number and Operation in Base Ten
Content Objective(s):		Language Objective(s):
Students will compare two-digit numbers using symbols. 我会用符号来比较二位数字。		Students will use the words greater than, less than, equal to to compare two-digit numbers. 我会用‘大于, 小于’和‘等于’来比较二位数字。
Essential Understanding: Numbers can be used to show how many. In a two digit number, the tens digit tells how many groups of ten, and the ones digit tells the number of ones.		Academic Vocabulary: Listen: 大于, 小于, 等于, 符号 Read: 大于, 小于, 等于, 符号 Write: 大于, 小于, 等于, 符号 Speak: 大于, 小于, 等于, 符号 Sentence Frame: ____ (#) ____ 于 ____ (#)。
Materials: • Number cards 0-11 (Teaching tool 2) • 2 boxes of crayons, different sizes (optional)		Language and Word Wall: 大于, 小于, 等于
Lesson: Using Symbols to Compare Numbers		Instructional Time: 35 mins
Opening: (3 minutes) –		
T: 你已经学会怎么用十位数和个位数来写出数字了。今天你会学习怎么看十位数和个位数来比较数字并用符号来比较。你有没有看过一个有 64 支蜡笔的盒子? 你可以怎么跟一个有 24 支蜡笔的盒子比较? ” If you have boxes of crayons, hold them both up. Otherwise show 64 and 24 with cubes. “告诉你旁边的同学哪组有比较多个十。”		
S: will tell neighbor 64 has more tens		
Introduction to New Material (Direct Instruction): (8 minutes)		
You will need number cards		
T: “我需要 2 个学生来帮忙。”		
S: 2 volunteers will go to the front		
T: Hold up the number cards so the class can't see the numbers. “一人选两张卡, 但是先不要给班上的同学看到。”		
S: will each choose two cards.		
T: “现在用那两张卡来做出一个二位数字。我数到 3, 请给同学看你们的卡。1,2,3!”		
S: will both show their numbers to the class		
T: “现在请跟同学讨论, 这两个二位数字里那个比较大。你怎么知道。”		
S: will discuss with a partner		
T: “谁可以跟我们分享?” Choose a few partners to share with the class. “你比较二位数字时, 你先比较了什么?”		
S: the tens		
T: “对, 在比较二位数字时, 你要先比较十位数。如果十位数是一样的要怎么办? 告诉你旁边的同学。”		
S: will talk with partner.		
T: “如果个位数也一样怎么办? 两个数字要怎么比较?”		
S: They were equal.		
Guided Practice: (12 minutes)		
Arrange students in pairs Each pair should have page 131 and number cards.		
T: “用手指在空中写“小”(part of less than)		
S: will write xiao		
T: “现在请写“大”。(part of greater than)”		
S: will write da		
T: 很好, 现在写“于”跟我一起写。只有三个笔画。		
S: will follow along with fingers.		
Write greater than, less than on the board		
T: 最后我需要写等于。你们都知道怎么念。现在我们一起来练习怎么写。		
S: will write yu with fingers in the air		
T: “我们来玩一个游戏。你和同学一人选两张数字卡来做出一个二位数字。一个学生会把他的数字写在左边的格子里然后把另一个数字写在右边的格子里。之后请合作来决定哪个数字比较大。请指出两个数字中间的格子。”		
S: will point		
T: “请在这里写“小于, 大于或等于”并在行面的圆圈里写出它的符号。谁的数字比较大就会收集另一个学生的卡。如果是相等的, 请自己把卡收起来。请开始。”		
<i>Use the modeling cycle:</i>		

Teacher Does:

T: “请看 132 页。把手指放在第一题上。”

S: Students will point to number 1

T: “我们要来比较数字。我们要先看十位数然后再看个位数。我们知道哪个数字比较大的时候，我们需要用大于，小于和等于的符号来表示。第一题，我们要比较 25 和 16。我们先来看十位数。2 个十大于 1 个十，所以我们不需要比较个位数。我知道 25 大于 16，请写下大于的符号并念出“25 大于 16。”

S: will write in and read the comparison sentence

2 Students Do with Teacher:

T: “我需要 2 个学生来帮忙。”

S: two students will come up and lead the class in doing number 2.

Independent Practice: (5 minutes)

T: “现在换你自己做了。请做到第 13 题。你有 5 分钟来完成。”

S: will work independently

Walk around the room, watching students work.

Closing: (5 minutes)

T: “今天做得很好。我们再来做一题。如果你是女生请来这边排队。”

S: girls will line up

T: “如果你是男生，请来这边排队。”

S: Boys will line up.

T: 我们来数每组有几个人。

S: count together

T: Write the two digit numbers on the board. “ _____ (#) _____ 于 _____ (#). ”

Assessment:

Page 134, passed put in English