Grade 1	Lesson: 11.3 Subtracting Tens from two-digit Numbers	Reference to English

Math Standard(s): 1.NBT.6	Domain: Number and Operations in Base Ten

Base Ten

Content Objective(s):	Language Objective(s):
Students will subtract a multiple of 10 from a two-digit number. 我会做二位数字减掉10的倍数。	Students will read the subtraction sentence to their partner. 我会说出减法算式。
Essential Understanding: When subtracting tens from a two-digit number, only the tens digits changes.	**Academic Vocabulary:** **Listen:** **Read:** **Write:** **Speak:** **Sentence Frame:**
Materials: • **Number cards 0-11 (Teaching Tool 9)** • **Connecting Cubes** • **Large clear container** • **Math workbooks**	**Language and Word Wall:**

Lesson:	Instructional Time: 45 minutes

Opening: (5 minutes) –
T: "你已经学会怎么用百数表来做十减二位数字了。今天你会学习怎么用连接方块来做十减二位数字。"
- Review how to subtract tens on the hundred chart. Then ask children to count back by 10s starting from various two-digit numbers, such as 73. (73, 63,53, 43, 33, 23, 13, 3).

Introduction to New Material (Direct Instruction): (10 minutes)
T: "听听这个故事。Peter收集了48张卡。他把30张送给别人了。Peter还剩下几张卡？记住，如果他送给别人一些，我们要做加法还是减法来解答这个问题？"
- Subtracting.
T: "很好，我要你们用连接方块来解答这个问题。我会把它写在白板上。"
- Write the story problem on the board and let students try to solve it with connecting cubes.
T: "所以你需要什么来解答这个问题？"
- 48-30   On the board, write 48-30=   Show the class 48 cubes (4 ten-cube towers and 8 single cubes) and let the children look at the tens and the ones to check that you have 48. Then place the cubes in a large clear container. Put number cards 4 and 8 in the space provided on page 363 to remind them how many cubes are inside the container.
T: "我会把48个方块放在桶子里因为我们要练习记得我们一开始有的数字。Peter把30张卡送给别人。30张卡一共是几条10个的连接方块？"
- 3   Pull three 10 cube towers from the container.
T: "Peter给了30张卡，这也就是3个十。所以我们要从48减掉3个十。现在还剩下几个方块？跟我一起数。"
- 18 cubes are left   Write the subtraction sentence on the board: 48-30=18
T: "当你做48减30, 差是什么？"
- 18
T: "哪个数位改变了，十位还是个位？"
- The tens digit, we went from 48 to 18. It decreased by 3 because we took away 3 tens.
T: "个位数有改变吗？"
- No, because we didn't take any ones away, just 3 tens.

Guided Practice: (15 minutes)
Use the modeling cycle:
1. **Teacher Does:**
T: "现在我们来做一些题目。大家请翻到第364页。"
- Students open books.
T: "我们一起做364页的第1题。这里有几个绿色的积木和方块。一共有几个？告诉你旁边的同学。"
S: will tell their neighbor, "there are 64."
T: "跟我一起数，一共有10, 20, 30, 40, 50, 60, 61, 62, 63, 64 个方块。所以我要在第一个空格里写64。在你的纸上写64。"
S: will write 64 on their papers.
T: "现在我要看有几个被划掉了。数一数被划掉的绿色棒子。"
S: will count the crossed out tens rods.
T: "有几个棒子被划掉？"
S: will respond, "there are 4 tens rods crossed out."
T: "看起来好像有4个十被划掉，所以我要减掉40因为4个十是40。10, 20, 30, 40. 我会把它写在下一个格子里，你也写下来。"
S: will write 40 on their paper.
T: "所以我写下 64-40=___. 我会数看我还剩下几个方块 (how many cubes are NOT crossed off). 跟一个同学一起数然后写下答案。"
S: will count with their partner.
- Walk around the room and look at the answers.
T: "10, 20, 21, 22, 23, 24. 还剩下24, 所以我会在最后一个空格里写下答案。"
T: "告诉你旁边的同学这个减法算式。"
S: will tell their neighbor the subtraction sentence.
T: "我们来念出算式，64减40等于24。"

2. **Students Do with Teacher:**
T: "现在我需要一个学生上来帮我。"
- Do number 2 together as a class. If needed, do number 3 together as well.
- Remind students to say the subtraction sentence to their partners.

Assessment: Students do problems 4–12 of page 364–365 of their workbooks.