

Grade 1	Lesson: 7-3 Counting by 10s to 120	Reference to English
Math Standard(s): 1.NBT.2c		Domain: Number and Operations in Base Ten
Content Objective(s):		Language Objective(s):
Students will solve addition problems by recognizing and recording its parts in small groups. 我会认出和用小组写下算式的部分来做出加法问题。		Students will speak the words inside, outside and in all while adding parts. 我在相加部分时会说 里面, 外面 和 一共。
Essential Understanding: The decade numbers are built on groups of ten. The oral names are similar, but not the same as the number of tens counted.		Academic Vocabulary: Listen: Read: Write: Speak: Sentence Frame:
Materials: • Mini Ten-frames (teaching tool 6) • scissors		Language and Word Wall: 比较快
Lesson:		Instructional Time: 25 minutes

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Opening: (2 minutes)

T: “你已经学会怎么组成10来表示11到19的数字了。今天你会学习怎么组成10或10的倍数来帮助你数。”

- Have 12 students stand up in a line in the front of the class and hold up their hands. Count all of their fingers to 120.

T: “我们来数他们的手指。帮我数1,2,3,4,5,6,7,8,9,10, (then move on to the next student and continue until you have counted all the fingers) 11,12,13,14,15... 120! 谢谢你们的帮忙。这样数要画很多时间，对不对？”

Introduction to New Material (Direct Instruction): (3 minutes)

T: “有可以数到120更快的方式吗？”

S: will respond with a variety of answers (they should know a variety of ways because of calendar math they do every day)

T: “每个学生各比出几只手指？跟我一起数 1,2,3,4,5,6,7,8,9,10. 是只手指！我们来数他们的手指，但是这次我们会十个一数。10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120。”

S: will count by 10s with the teacher.

T: “这样快多了！谢谢你们的帮忙。”

S: the 12 students will sit down.

T: “我们拍手到40。我们每次拍手就等于10 (because we have ten fingers). 跟我一起数 10, 20, 30, 40。”

S: will count by 10s to 40.

T: “很好，现在我们十个一数到90, 10, 20, 30, 40, 50, 60, 70, 80, 90.”

S: will clap with teacher to 90.

Guided Practice: (10 minutes)

Use the modeling cycle:

Teacher Does:

- Make sure the students are always clapping and saying the numbers aloud as they do this activity.

T: “我会说出一个数字，像6,然后我们会十个一数那么多次，就像这样10, 20, 30, 40, 50, 60. 所以有6个十 (write it on the board). 我们一起来。我说2, 换你数。”

S: will count by 10s to 20, “10, 20”

T: “很好，2个十等于20。我会把它写在白板上。”

1 Students Does with Teacher:

T: “我需要1个学生来帮我。”

- Teacher will choose a student.

T: “我会说一个数字，然后我们会拍手和十个一数那么多次。5: 10, 20, 30, 40, 50. (as the teacher and student slap hands together they verbally count by tens 5 times to reach 50).

T: “我把它写在白板上，5个十等于50。”

2 Students Do:

T: “我需要2个学生来帮我。如果你想要帮我，请举手。”

- Teacher will choose 2 students.

T: “我会说一个数字，然后我们会拍手和十个一数那么多次。数字是7。”

S: will verbally count by 10's 7 times to reach 70 while clapping hands together with partner, “10, 20, 30, 40, 50, 60, 70”

T: “很好我来把它写在白板上，7个十等于70。”

All Students Do:

T: “现在换你了，请找个同学跟你一起合作。我会说一个数字然后你们拍手和十个一数那么多次。”

S: will stand up, find a partner and wait for the teacher to say the number.

- Teacher will say at least 5 numbers and write them on the board after the students do their part.
- When finished bring the students back to the carpet.

Independent Practice: (5 minutes)

- Have four filled in ten-frames already on the board.

T: “现在换你自己做了。你们每一个会拿到一张有5个题目的纸。前面4个你们会天空，但是第五个没有图案，但是你们要十个一数来找出答案。我们一起来做第一题。”

T: “你在白板上看到几个十方格？用手指比给我看。”

S: will show 4 fingers.

T: “对，有4个十方格，所以我们会写下4个十。这样一共是多少？我们来十个一数 10, 20, 30, 40。”

S: will count with the teacher by 10s to 40.

T: “很好，现在你们十个一数到100，然后你们十个一数到200，然后你们十个一数到300，然后你们十个一数到400。”

Assessment:

Guided Practice

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