

Grade 1	Lesson: 12–6 Measuring Using Different Units	Reference to English
Math Standard(s): 1.MD.2		Domain: Measurement and Data
Content objective(s):		Language Objective(s):
Students will estimate and measure the lengths of objects in different units. 我会用不同单位拉估计和测量东西的长度。		Students will tell their neighbor their estimations. 我会把我做出的估计告诉同学。
Essential Understanding: Different units can be used to measure length.		Required Academic Vocabulary for Word Wall: Listen: Read: Write: Speak: Sentence Frame:
Materials: <ul style="list-style-type: none"> • Connecting cubes • Straws • Bags • Small Objects around the classroom. 		Additional Lesson Vocabulary:
Lesson:		Instructional Time: 20 –25 minutes

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Opening: (2 minutes)

T: “你已经学会怎么测量物体了。今天你会学习怎么选择用什么测量工具来测量物体。”

T: “看我手上拿的方块和吸管。你可以怎么用方块或吸管来测量物体?”

S: “connect the cubes or line up the straws end to end.”

T: “对!”

Introduction to New Material (Direct Instruction): (1 minutes)

- Proved pairs of students with cubes, straws and a bag containing some small items. Among the items, there should be 3 items about 1 cube long and 3 items about 1 straw long.

T: “我会把你需要的东西发给你们。你们需要回答问题。这些东西里，哪个大概1个方块长，哪个大概1个吸管长?”

Guided Practice: (7 minutes)

Use the modeling cycle:

Teacher Does:

T: “我来示范。这个袋子里有____。我应该用方块还是吸管来测量?”

S: “measure it with a cube.”

T: “所以这个物体大概一个方块长。我会把它画在表格上，方块的这一变。”

T: “你要跟同学说‘这个大概一个方块长’或‘这个大概一个吸管长’。”

All Students Do:

- Pass out the materials.

T: “现在请自己做，你有4分钟。”

S: will measure the items and record their findings.

T: “哪个物体大概1个方块长?”

S: “____, _____, _____ were about 1 cube long.”

T: “哪个物体大概1个吸管长?”

S: “____, _____, _____ were about 1 straw long.”

Independent Practice: (6 minutes)

- Pass out pages 406 and 407.

T: “现在换你自己做了。你们需要用连接方块测量406页上的物体。先估计再测量。你有2分钟。”

S: will estimate and measure items on page 406.

T: “现在你需要用吸管来估计并测量407页上的物体。你有2分钟。”

S: will estimate and measure items on page 407.

T: “请把纸拿给我然后坐在地上的座位。”

Closing: (4 minutes)

T: “白板上有两个图。我要你们估计第1个有几个方块长。告诉你旁边的同学。”

S: will estimate and tell their neighbor their estimation.

T: “我们来测量。”

- Do the same with the 2nd pictures.

Assessment:

Guided and Independent Practice page 406 and 407