

### Lesson #7: Measurement Estimation

#### Objectives

**Students will be able to...**

- Use estimation to determine measurement of objects.

#### Common Core Standards

Number Sense 1.2, 1.3, & 3.1  
Cabinet Making and Wood Products Pathway 1.4  
G-MG 1, 3  
RSIT 11-12.2  
WHSST 11-12.9  
Technical Knowledge and Skills 10.2  
CTE Pathway D2.1  
Demonstration and Application 11.1

#### Materials

YouTube video <https://www.youtube.com/watch?v=hbvQ-PjyoLY>  
Paper  
Playing cards  
Tape measures

#### Lesson Sequence

- Review tests from yesterday. Answer any questions students may have. (5-10 minutes)
- Ask students what it means to estimate something? Brainstorm together what they may be able to use to estimate the measurement of something. (5 minutes)
- Watch the YouTube video <https://www.youtube.com/watch?v=hbvQ-PjyoLY> (2 minutes)
- Discuss the video as a class. (5 minutes)
- Pass out a piece of paper and 10 playing cards to each student. Have them go around the room using these objects like displayed in the video to measure 2-3 items around the room. (10 minutes)

## **BUILDING INDUSTRY TECHNOLOGY ACADEMY: YEAR ONE CURRICULUM**

---

- Come back together and discuss what they found. (5-10 minutes)
- Now pass out tape measure and have students' measure the exact same objects. Compare the two measurements. Discuss their findings. (10 minutes)

### **Assessment**

Check for understanding during class discussions. Informal observations of students estimating measurements while roaming the room

### **Accommodations/Modifications**

One on one support  
Peer support  
List of possible objects for students to measure around the room