

Moving Furniture

Summary

This is a math task. It relates to Standard 1.MD.2 in the 2010 Utah Core Standards.

Main Core Tie

Mathematics Grade 1

[Strand: MEASUREMENT AND DATA \(1.MD.\) Standard 1.MD.1](#)

Materials

Task Sheet TTLP Sheet for Lesson Plan

Background for Teachers

See TTLP and Curriculum Guide 1.MD.2

Student Prior Knowledge

See Critical Background Knowledge in the Curriculum Guide for 1.MD.2.

Intended Learning Outcomes

Mathematical Practices 1, 3, 4, 5, and 6 are likely to be used in this task.

Instructional Procedures

LAUNCH: The principal needs to borrow our u-shaped table. (Or another large furniture item in the classroom).

Before we ask the janitor for help, we need to figure out if the table will fit through the classroom door.

EXPLORE: Students will use objects around the room to determine if the object needed to be moved out will in fact fit through the door.

DISCUSS:

- Using manipulatives

- Picture representations

- Physical demonstration

Strategies for Diverse Learners

- Reduce the choice of measuring tools.

- Assign them a group or partner early.

- Give specific measurement tools.

- Give the students a graphic organizer.

- Measure the door together and then let them work on the table.

- or

- Have students use a different measuring tool.

- Measure various items to find things that would fit easily through the door.

- Measure various items to find things that would be too large to fit through the door.

Extensions

- Find things that will fit on a bulletin board, on a bookshelf, on their desk, etc. WITHOUT picking the item up and moving it.

- Show them the size of the door to the principal's office and discuss/explore if the table will fit. You

can use masking tape or adding machine tape to represent the size or cut out a butcher paper model.

Authors

[Casey Robles](#)

[DAVID SMITH](#)