

Math Lesson

Lesson Title: Crooked Paths Grade: Second Grade
Content Standard: Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit
Materials: one foot rulers, tape lines on tables and on floor, one straight and one “crooked”, one foot sticks made by cutting construction paper/tagboard into 12 inch strips, one inch tiles, class chart, recording sheet for each table group
Shared Experience and procedure details: Put two tape lines on each table, one straight and one “crooked” both beginning and ending at the same distance. Put a pair on the floor in the gathering area for demonstration. Have children talk about what a path is and compare the two paths. Invite student to walk the paths. Ask what the difference is. Each table group will measure with one unit, either inch tiles or foot sticks. Students from each table report and record. Pass out foot strips and tiles. Students at each table will measure their lines and record on their sheet. Record results as students finish their work before drawing and writing. Ask children to write about what they did and how they did it.
Possible Picture: Student will most likely draw the group working, the table and tape lines indicating how they used the ruler
Possible People Talk: students may describe how to keep track as they iterate, discuss how they measured, what the directions were
Feature Talk: measure, numbers, length, more, less, add, repeat, foot, inch
Possible Symbolic Representation: ruler/line/units
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Notes from Second Grade Lesson Study

Woodland/3-12-15

Original included estimation and measuring with two units at each table

Repeat was focused and completed more neatly

This lesson went very well with the revisions