



Pre-K Math Number Line Hop-Scotch

Author: Claire Schroepfer, Nicky DeMoss

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Overall Goal for the Lesson:

Students will develop familiarity with a number line.

Description of Setting, Grade Level, and Students:

This activity can be used for pre-k students, any class size. The activity is for varying performance levels: remedial, average, and advanced. The park is in an urban setting with access to water, shade, restrooms, and electricity.

Student Objectives for the Lesson:

Given a hop-scotch number line, SWBAT develop familiarity with numbers and sequence.

Length of Lesson:

This lesson should take 20 minutes.

Schedule of Activities:

1. Preparation: Teacher will draw a hop-scotch course using sidewalk chalk at Guthrie Green.
2. Execution: Students will take turns hopping the number line, counting aloud as they go.
3. Alternate Activities:
 - a. Teacher may distribute number cards to each student and they may find their place on the line.
 - b. Numbers on the hop-scotch may be placed out of order and students have to jump in sequence.
 - c. The number line hop-scotch may increase beyond numbers one through ten.
 - d. Increase rigor: The number line hop-scotch may be missing numbers and student have to fill them in.
 - e. Increase rigor: students may use calculation to find their spot on the line. (ex. "go to the space that is 2 more than 4")

Common Core Standards Addressed:

N/A (No CC standards for PREK)

PASS Standards:

Mathematics 2:2- Develops increasing ability to count in sequence to ten.

Mathematics 2:6- Identifies numerals one through ten.

Assessment:

Students will be assessed based on their demonstration of number familiarity.

Accommodations:

Some students may need additional teacher or peer support to identify numbers. If it is hard to hear on the sidewalk, this activity may be completed on the stage or dock.

Materials Needed:

Sidewalk Chalk

Number Cards (optional)