Discovering STEM Program

Kit name: Ruler of the Pattern (Grades K & 1)

Description: Lean to explain, create, and extend patterns in this game for 2 to 4 players.



Alignment for <u>Ruler of the Patterns</u> (Grades K & 1) to the Common Core State Standards Mathematics <u>http://www.corestandards.org</u>

This kit addresses the following standards:

CCSS:

- K.CC.02: Count forward beginning from a given number within the known sequence (instead of having to begin at 1).
- K.CC.03: Write numbers from 0 to 20. Represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects).
- o K.CC.04a: When counting objects, say the number names in the standard order, pairing each object with one and only one number name and each number name with one and only one object.
- K.G.01: Describe objects in the environment using names of shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres), and describe the relative positions of these objects using terms such as above, below, beside, in front of, behind, and next to.
- K.G.02: Correctly name shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres) regardless of their orientations or overall size.
- K.G.06: Compose simple shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres) to form larger shapes (those above).

When reserving kits, please be sure to:

- Return filled out reservation form
- Review required kit materials prior to event
- Return evaluation forms
- Replace consumables