

**Project FOCUS
Best Lessons
KINDERGARTEN**

Title of Lesson: Toilet Paper Roll Constellations

Theme: Earth/Space Science

Unit Number: 3 **Unit Title:** Space, Time and Gravity

Performance Standard(s) Covered (enter codes):

SKE1

SKCS4

Enduring Standards (objectives of activity):

Habits of Mind

- Asks questions
- Uses numbers to quantify
- Works in a group
- Uses tools to measure and view
- Looks at how parts of things are needed
- Describes and compares using physical attributes
- Observes using senses
- Draws and describes observations

Content (key terms and topics covered):

Stars, constellations, night sky

Learning Activity (Description in Steps)

Abstract (limit 100 characters): This activity allowed students to create constellations using simple materials.

Details: We read a book about constellations and what stars are and then the kids got to make tube constellations. The aluminum foil was placed around one end of the toilet paper tube and secured with a rubber band. A toothpick was used to make small holes in the aluminum foil. The kids could either make existing constellations or create their own. When the toilet paper roll is held up to the light it really looks like the night sky.

Materials Needed (Type and Quantity):

Toilet paper rolls (one per student)

Toothpicks (one per student)

Aluminum foil

Rubber bands (one per student)

Notes and Tips (suggested changes, alternative methods, cautions):

Have the children bring in toilet paper rolls so you don't have to collect them all. Also, have the aluminum foil cut into squares before the lesson. It is probably a good idea to have extra aluminum foil.

Sources/References:

- 1)
- 2)
- 3)