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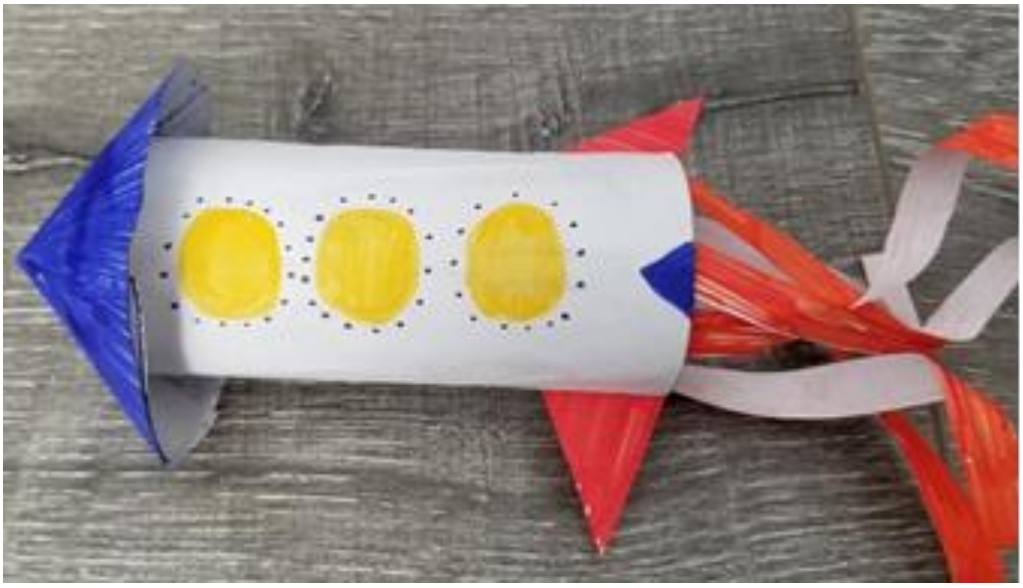
Activity Idea

DIY ROCKETSHIP

Recommended for Ages 6 - 12

Have fun creating a Rocketship to explore outer space! Have your child think about what a Rocketship looks like, it's main components, and how they can create one with materials found at home. Almost any material from cardboard to paper can be used – be creative! The following instructions are for a simple Rocketship using paper and a toilet paper roll. After creating the Rocketship, take the opportunity to talk about Earth and Outer Space.



You will need following materials:

- Toilet Paper Roll, Water bottle, Soda bottle, or Cardboard box
- Paper: plain paper or different colored construction paper
- *Optional:* stickers, aluminum foil, decorative items
- Glue
- Scissors
- Crayons, Markers, or Colored Pencils

Instructions

1. Using the length of the toilet paper roll, cut paper to wrap around the roll.

2. If using plain white paper, decorate the Rocketship body.
3. Glue paper around the roll.
4. Cut out a circle that is at least 2 inches around. Decorate the circle.
5. Then, cut a slit to the center of the circle and wrap the circle into a cone shape.

6. Glue cone to the top of the roll.
7. Cut out or draw three small circles to make the windows of the rocket
8. Cut out two triangles for the base of the rocket
9. Make two small cuts (1" long) at the bottom of the toilet paper and insert the triangles. Adjust as needed.
10. For rocket flame: Color and cut out 6 thin strips of paper
11. Curl bottoms of paper strips and glue to inside of the roll
12. Enjoy!

Extension Activity

Writing/Drawing Prompt: Make up a new planet. Describe and/or draw the important features of the landscape, what the climate is like, and what lives there. Write/draw from the viewpoint of the first visitor to this planet.