

PRACTICAL ACTIVITY

UNDERSTANDING ROTATION

MATERIALS:

- Paper Strips
- Pencil
- Tape

This practical experiment will show you how rotating an object changes its shape.



STEPS

Create two small circles out of strips of paper, that are the same circumference as your pencil.

Tape strips to the ends of the insides, and slide the tube onto your pencil.

Tape one tube to the top of your pencil near the eraser, and make sure your strips on the inside are thin enough so they don't fold over.

WHAT TO DO:

Observe the shape of the paper strips when you hold up the pencil. Now spin the pencil between your hands, and notice how they change. The strips raise and stick out. Remember to colour in your strips to make planets!

Bonus: Rotate the stick at different speeds, or experiment with different lengths and thicknesses.

