

Geometric Creatures

Background:

We have been learning about geometric shapes such as squares, triangles, rectangles, circles, cubes, rectangular solids, spheres, pyramids, cones, and cylinders in math class.

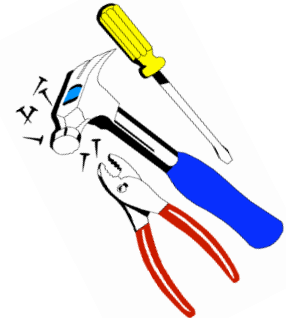
Design Challenge:

Design and build an imaginary geometric creature using both plane and solid geometric figures. Your geometric creature must stand by itself and have at least two moving parts.

Criteria:

Your creature must have:

- at least 5 plane shapes.
- at least three solid shapes.
- two moving parts (use levers, pneumatics, and/ or pulleys).
- stand by itself.
- be attractive.



Materials: What can you use?

- rulers
- construction paper
- brads
- glue
- 12 inches of tape
- spools
- balloons
- straws
- poster board
- tag board
- empty containers (boxes, etc.)
- 12 inches of string OR yarn
- paint
- craft sticks
- syringes
- plastic tubing
- cardboard cylinders
- general art supplies

~Not all supplies need to be used.~

