

Geometric Solids — Bases and Faces

Base Sheet

Activity Sheet

Exploring the geometric solids more deeply by examining their bases (flat surfaces) and faces. The child traces bases and discovers the 2D shapes hidden within 3D shapes.

What You Need:

- Geometric solids
- Tempera paint in a shallow dish
- White paper
- Pencil for tracing
- Work mat
- Paper towels for cleanup

Steps:

1. Review the names of the 5 solids.
2. Dip the base of the cube in paint and stamp it on paper. 'What shape is the base? A square!'
3. Stamp the cylinder base: 'A circle!'
4. Stamp the pyramid base: 'A square (or triangle)!'
5. The sphere has no flat base — it can't stamp! 'Why not?'
6. Match each solid to its base outline on paper.

Work Space:



