

Geometric Solids — Bases and Faces Continued

Base Sheet

Activity Sheet

Building on the geometric solids introduction, the child explores the properties of each solid more deeply: counting faces, edges, and vertices, and matching solids to their base shapes.

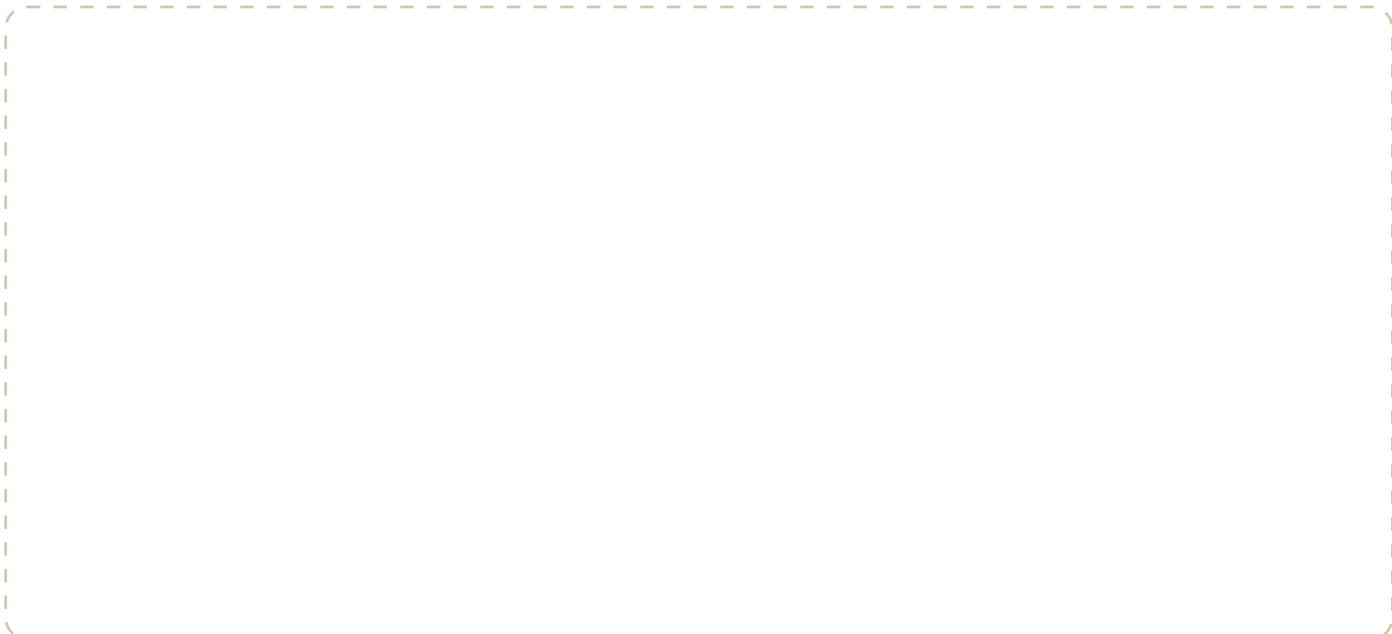
What You Need:

- Geometric solids (sphere, cube, cylinder, cone, pyramid)
- Paper for tracing
- Pencil or crayon
- Labels: face, edge, vertex/apex
- Work mat

Steps:

1. Review the 5 geometric solids by name.
2. 'Today we look more closely at each solid. Let us count FACES.' Start with the ~~cube~~. Place the cube on paper. Trace one face. 'What shape is this face? A square! How many square faces does a cube have?' Count: 6.
4. ~~Cylinder: trace the circular base. Two circles and one curved surface that is not a face.~~
5. Cone: trace the base. 'One circle and a point at the top — that point is called an ~~APEX~~'
6. ~~Pyramid: trace the base (square). Count the triangular faces: 4 sides + 1 base = 5 faces~~
7. Match each solid to its base shape traced on paper.

Work Space:



Montessori Homeschool • Print on US Letter (8.5 x 11") • Activity sheet — print on standard paper