

Master 12: Activity 5 Assessment

3-D Solids Around Us

Identifying 3-D Solids in the Environment Behaviours/Strategies

1. Student looks at a solid, but struggles to analyze its geometric attributes.



"It looks like a ball."

2. Student analyzes geometric attributes of 3-D solids, but cannot name the solids.



"I forget what this is called."

3. Student identifies some 3-D solids in the environment, but struggles when the orientation of an object does not match his or her mental image of the solid.



Observations/Documentation

4. Student identifies some 3-D solids in the environment, but struggles when the size of an object does not match the size of the given solid.



5. Student identifies 3-D solids in the environment, but struggles to explain why an object in the classroom is an example of the given 3-D solid.

6. Student successfully analyzes geometric attributes of 3-D solids, identifies 3-D solids in the environment, and explains thinking.



"The water cooler cup is a cone. When it is full, it has one face and one vertex."

Observations/Documentation