

INTERVENTION

Surfaces and Lines on Three-dimensional Objects

Each Intervention Anchor Chart contains steps to allow the child to investigate independently.

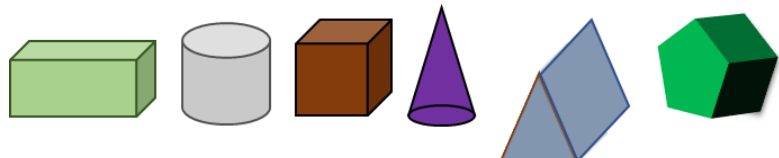
Children investigating an Intervention may be provided with the Intervention Anchor Chart as a guide to follow as they investigate independently.

Children investigating an Intervention may have their progress recorded in the Progress Sheet.

Surfaces and Lines on Three-dimensional Objects [page 2](#)

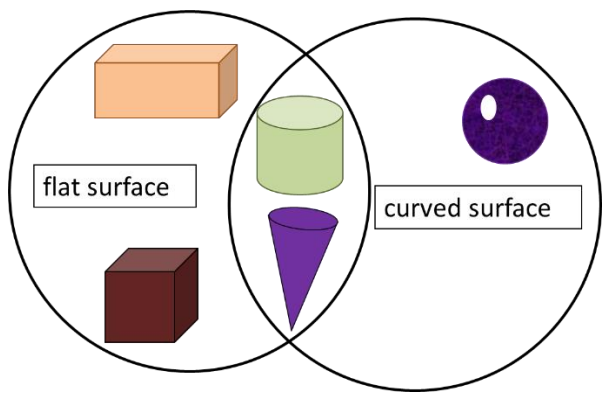
Progress Sheet [page 4](#)

Have some three-dimensional objects.



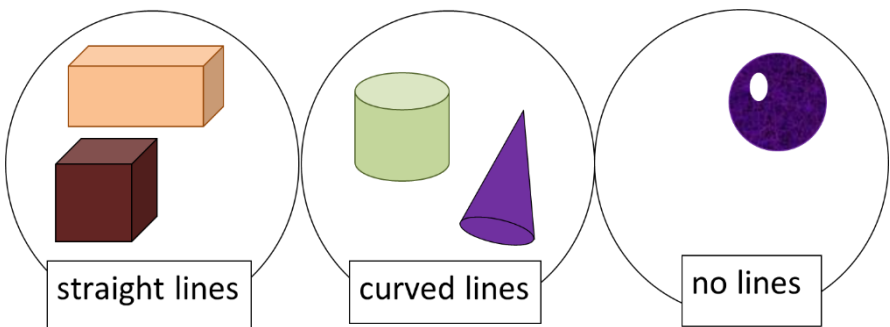
Describe their surfaces as flat or curved.

Group the objects by their surfaces.



Describe their lines as straight or curved.

Group the objects by their lines.



Reflection: How can we describe the surfaces on three-dimensional objects?
How can we describe the lines on three-dimensional objects.



Flat and curved surfaces, and straight, curved lines on three-dimensional objects

(Measurement and Geometry 17)

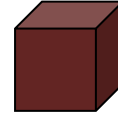
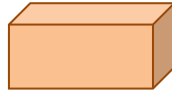
RESOURCES: three-dimensional objects, paper / Maths book

Have some three-dimensional objects.

The dimensions are

- up and down
- left to right
- front to back

**up and
down**



left to right

front to back

Do the objects have these 3 dimensions?

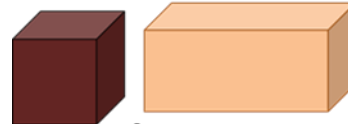
A straight line on an object is called an edge.

A flat surface with straight lines is called a face.

Select objects with faces and edges.

These objects are called prisms.

**faces
edges**



prisms

A curved line on an object is just called a curved line.

A flat surface with curved lines is just called a flat surface.

A curved surface on an object is just called a curved surface.

Select objects with flat and curved surfaces, and curved lines.

These objects are not prisms.

**curved and flat surfaces
curved lines**



not prisms

Reflection: What are the 3 dimensions?

What is a straight line on an object called?

What is a flat surfaces with straight lines on an object called?

What are these objects with faces and edges called?

What is a curved line on an object called?

What is a flat surfaces with curved lines on an object called?

What is a curved surface called?

Progress Sheet

Child's Details (Name and Intervention Concept):
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Each day, record the child's progress. This record, along with the child's recordings and explanations, can be used as: **ASSESSMENT OF LEARNING (SUMMATIVE)** – at any point in time the child's demonstrated level of understanding may be recorded for tracking and reporting purposes.

ASSESSMENT FOR LEARNING (FORMATIVE) – the teacher may use the child's demonstrated levels of understanding over time to plan, implement and evaluate further teaching and learning. Recording daily will allow the teacher to identify irregular learning progress, where the child demonstrates understanding in one lesson but not in subsequent lessons. This record can accompany an IEP, and a referral for further support for the child.

ASSESSMENT AS LEARNING (FORMATIVE) – the child may be shown this record to allow them to identify their learning progress. The teacher will use their teacher professional judgment to decide whether this is appropriate.

Date									
Number size Investigated									
Independent or with support?									

Date									
Number size Investigated									
Independent or with support?									

Date									
Number size Investigated									
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