

Lesson Plan

Year 5

Geometric Folding Shapes Set

Year 5: Connecting Nets and 3D Shapes

Curriculum Links:

+ **AC9M5SP02:** Connect objects to their nets and other two-dimensional representations.

Lesson Objectives:

- + Match 2D nets to their corresponding 3D objects.
- + Explore real-world applications of nets in packaging and design.

Lesson Activities:

- + **Nets & Objects Matching:** Students predict which net will create which solid before assembling.
- + **Real-World Nets:** Bring in packaging (e.g cereal boxes) and unfold them to explore their net structures.
- + **Design a Box:** Students design and create a net for a small gift box.

Assessment:

- + Correctly match nets to their 3D shapes.
- + Create an accurate net for a cube or rectangular prism.

Differentiation:

- + **Support:** Use colour coding to highlight matching faces on nets and solids.
- + **Extension:** Ask students to create a net for a triangular prism or cylinder.



3D solids with their corresponding 2D nets

