

DESIGN TECHNOLOGY · Y4–Y6

Packaging Design: Nets and 3D Shapes

KS2 DT — nets, 3D shapes, and design

Key shapes and their nets

1

Cube

6 identical square faces. Net: a cross of 6 squares (several arrangements work).

Example: dice

2

Cuboid

6 rectangular faces (can have squares too). Used in most box packaging.

Example: cereal box

3

Triangular prism

2 triangular faces and 3 rectangular faces. Net: 2 triangles and 3 rectangles.

Example: Toblerone

4

Cylinder

2 circular faces and 1 curved face. Net: 2 circles and a rectangle.

Example: tin can



