16.06.20

WALT draw 3D nets

Notes and Guidance

Children use their knowledge of 2-D and 3-D shapes to identify three-dimensional shapes from their nets.

Children need to recognise that a net is a two-dimensional figure that can be folded to create a three-dimensional shape.

They use measuring tools and conventional markings to draw nets of shapes accurately.

Mathematical Talk

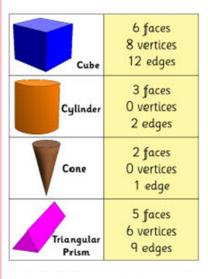
Looking at the faces of a three-dimensional shape, what twodimensional shapes can you see?

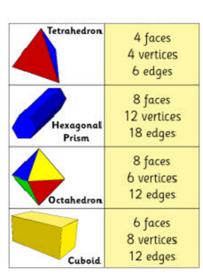
What is a net? What shape will this net make? How do you know? What shape won't it make?

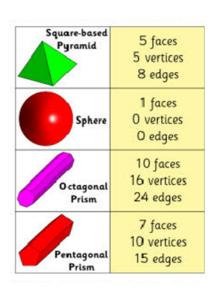
If you make this net, what would happen if you were not accurate with your measuring?

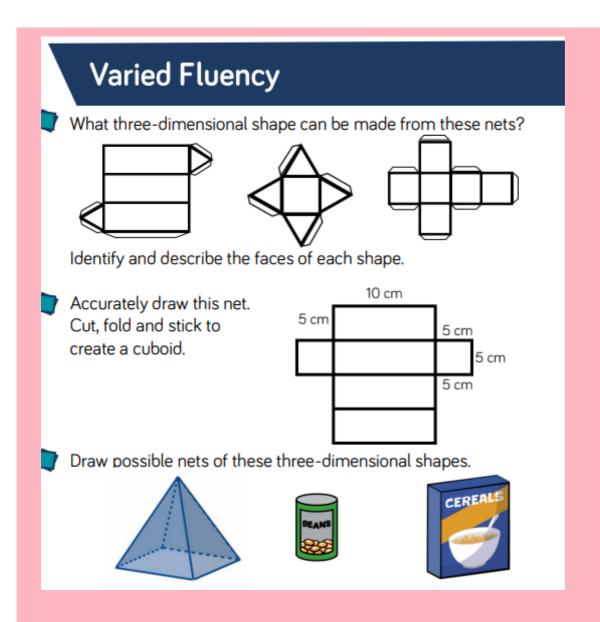
How many 3D shapes can you remember?

3D Shape Properties









Do you agree with Dore?

Use Polydron to investigate how many different nets can be made for a cube.
Is there a rule you need to follow?
Can you spot an arrangement that won't work before you build it?
How do you know why it will or won't work?
Can you record your investigation systematically?

