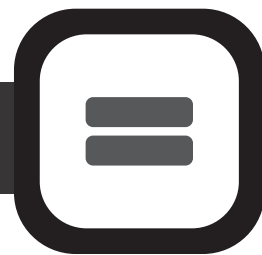


LEARNING JOURNEY MATHS



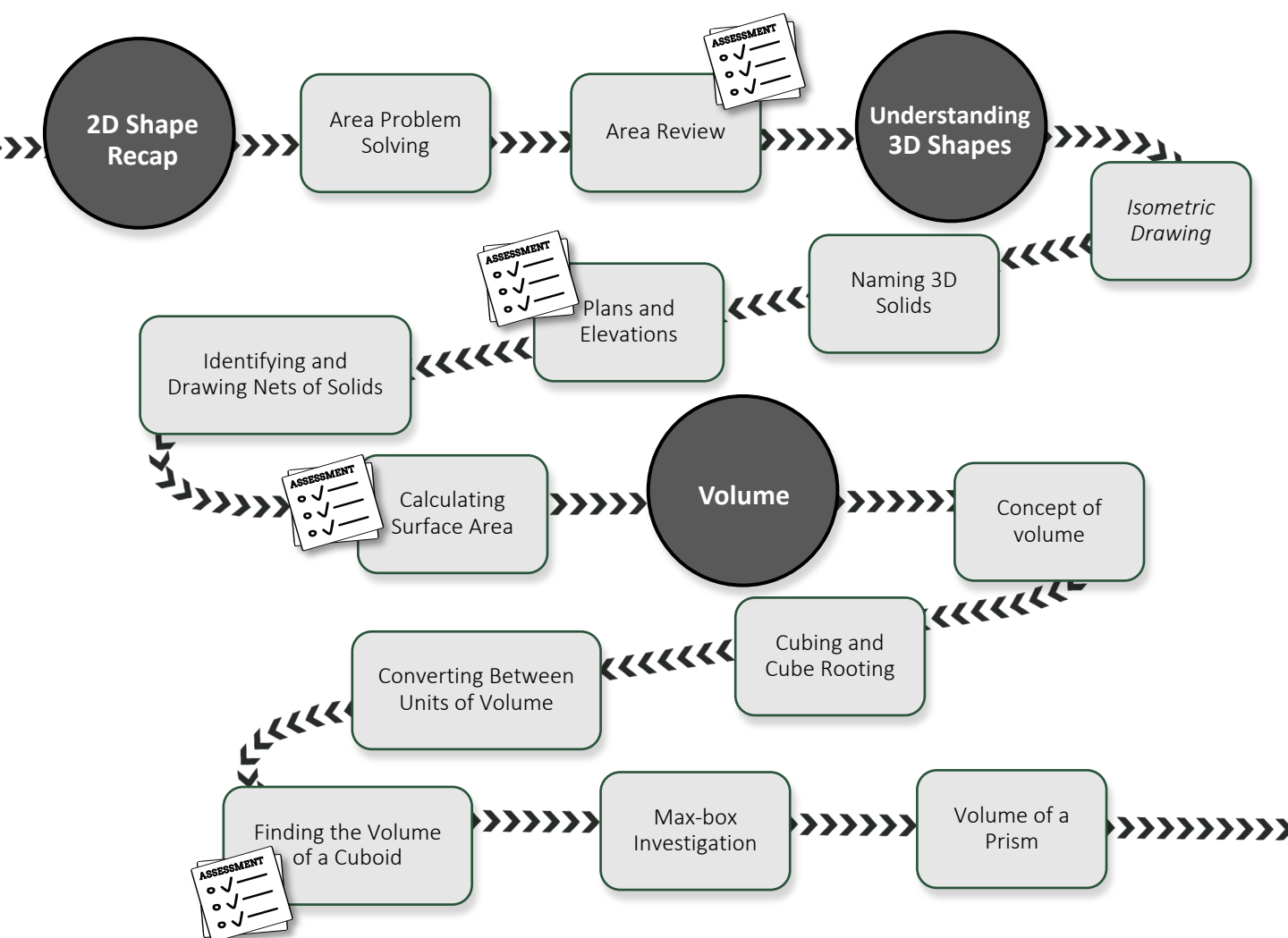
READY
RESPECTFUL
RESPONSIBLE



Geometry: 3D Shapes

Year 8 Summer Half Term 1

The study of 3D shapes, also known as solid geometry, is essential for mathematicians as it is a fundamental part of geometry. It involves the understanding of various geometric objects such as cubes, spheres, pyramids, and prisms. Solid geometry provides a basis for understanding the properties of objects in our physical world, including architecture, engineering, and even art. By studying 3D shapes, mathematicians can analyse and solve real-world problems related to volume, surface area, and the relationships between different shapes.



Studying 3D shapes can develop grit by encouraging you to take risks, persevere through challenges, and develop problem-solving skills. Exploring complex forms and structures requires a willingness to try new things and persist despite setbacks.

VOCABULARY

- ☐ Face
- ☐ Edge
- ☐ Vertex

- ☐ Polyhedron
- ☐ Prism

THE
RIGHT
WAY **R**