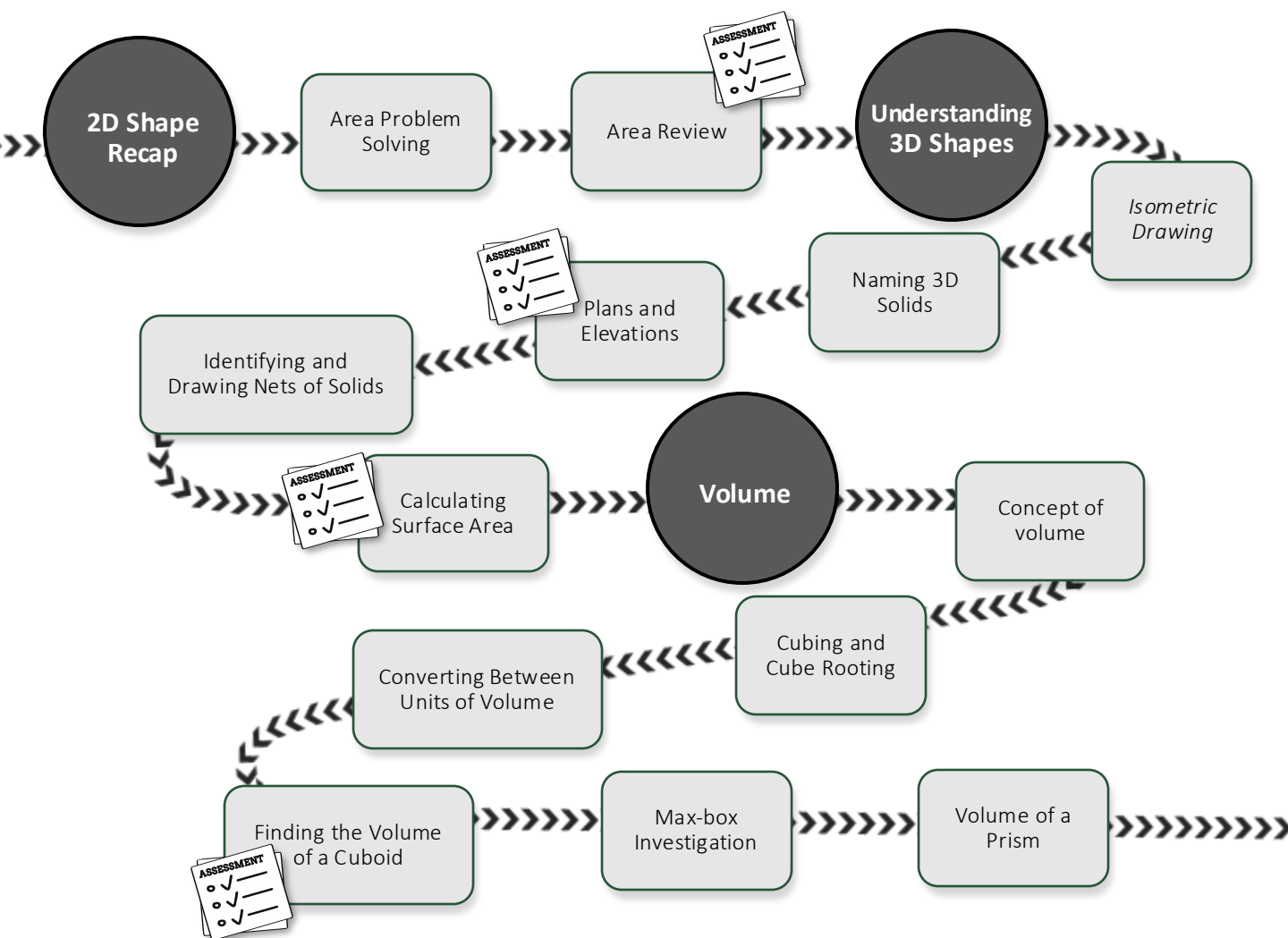


LEARNING JOURNEY MATHS

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.



TUDOR HABITS AND VALUES: 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