

## **Threshold Concepts**

# Algebraic manipulation

This concept involves recognising mathematical properties and relationships using symbolic representation

Number sense

This concept involves understanding the number system and how they are used in a wide variety of mathematical ways

# Shape facts

This concept involves recognising the names and properties of geometry shapes and angles.

#### **Multiplicative reasoning**

This concept involves using ratio and proportion and understanding of reciprocals in real world applications

### Representing and interpreting data

This concept involves interpreting, manipulating and presenting data in various ways.

## **Calculator skills**

This concept involves fluent application of mathematical operations on a scientific calculator

### Understanding and calculating risk



This concept involves knowing the rules of probability in the correct context

- Trigonometric ratios
- Further algebra
- Vectors
- Sampling
- Units in mechanics
- Constant acceleration

