

What I Need to Know

Maths Y6 Spring: Area, Perimeter and Volume

We nurture the curiosity to learn, the courage to lead and the compassion to care.

You will:

- Recognise that shapes with the same areas can have different perimeters and vice versa
- Recognise when it is possible to use formulae for area and volume of shapes
- Calculate the area of parallelograms and triangles
- Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm³) and cubic metres (m³), and extending to other units

Small Steps	Met
Shapes – same area	
Area and perimeter	
Area of a triangle – counting squares	
Area of a right-angled triangle	
Area of any triangle	
Area of a parallelogram	
Volume – counting cubes	
Volume of a cuboid	

Resources I might find helpful

Place value chart, multi-link, times tables grid, bead string, Dienes maths set (base 10), abacus, bar modelling, fraction wall, rulers, measuring tapes, measuring cylinders, balance scales,

Vocabulary I need to know...

Year 5 + formulae, square units, cubic units, parallelograms, triangles, composite shapes

Opportunities to support English and maths

- Skim and scan texts to retrieve information quickly and accurately
- Understand what the question requires you to do
- Summarise ideas

End of Unit Reflection

I am more confident because:

I still need support with: