Year 8

Half Term 5: 3D Geometry

What will I be working on this half term?

1. Estimation and the use of significant figures
2. Circumference and area of a circle
3. Volume and surface area of 3D Shapes

PINS 1	
PINS 2	

Pre-learning assessment score (%)			
Part 1	Part 2	Part 3	Part 4

UNIT 9

Estimation and significant figures

HELP! MM/N/EA: Estimating introduction	
PRACTICE MM/N/EA: Decimal places	
CHALLENGE MM/N/EA: Significant figures	
PLAY MM/N/EA: Sky Solver estimating	

UNIT 10

Understand and use the formulae for area and circumference of a circle

HELP! MM:S:PA:Circumference of a circle	
PRACTICE MM:S:PA: Area of a circle	
CHALLENGE MM:S:AP:Arcs and sectors	
PLAY Nrich: blue and white	

Post learning assessment

Peer assessment	
Self assessment	

UNIT 12

Find the volume and area of composite solids

HELP! MM/S/VSA: Nets, surface area	
PRACTICE MM/S/VSA: Volume of cuboids, cylinders	
CHALLENGE MM/S/VSA: Complex surface areas	
PLAY Nrich: Coca cola	

UNIT 11

Represent and use the properties of 3D shapes

HELP! MM:S:23: 3D shapes	
PRACTICE MM:S:23: Nets of 3D shapes	
CHALLENGE MM:S:23: plans and elevations	
PLAY Nrich: painted cube	