

Year 9 Summer Term 2022 – Mathematical vocabulary

Students in Year 9 study different content dependent upon their class.

Mr Storey-Scott and Mr Bees		Miss Robinson and Mr Ahluwalia		Mrs Joseph and Mr McClusky	
Sequences	Sequence Term-to-term Position-to-term Nth term Generate	Area	Compound/Composite shape Irregular shape Regular shape Area Sector Perpendicular Minor sector Major sector	Algebraic proof	Multiple Odd/even Identity Proof/Prove Demonstration Counter-Example
Transformations	Axis / Axes Identify Reflection Translation Rotation Clockwise Anti-clockwise Combinations	Volume and surface area	Prism Cylinder Cuboid Trapezoid Surface area Volume	Quartiles and cumulative frequency	Lower quartile Upper quartile Inter-quartile range Cumulative frequency Box plot Median
Representations of solids	Properties Isometric Nets Viewpoints Plans Elevations	Pythagoras theorem	Right-angle triangle Pythagoras Hypotenuse Coordinate Line segment	Further Volume and surface area	Volume Surface area Pyramid Frustum Sphere Cone
Averages and spread	Averages Represent Compare Range Mean Median Mode Frequency table	Grouped and bivariate data	Bivariate data Grouped data Frequency diagram Frequency polygon Continuous data Discrete data	Vectors	Column vector Midpoint Collinear Parallel Scalar Ratio