



Berwickshire High School

S2 Mathematics Course Overview, 2022-23

Block 5	Block 6	Block 7	Block 9
Number 5 <ul style="list-style-type: none"> Ratio and proportion <p style="text-align: right;"><i>1.5 weeks</i></p>	Probability <ul style="list-style-type: none"> Calculating probability <p style="text-align: right;"><i>1 week</i></p>	Number 6 <ul style="list-style-type: none"> Rounding (recap & sig figs) BODMAS (including powers) Powers & roots (higher powers) Scientific Notation <p style="text-align: right;"><i>2 weeks</i></p>	Statistics 3 <ul style="list-style-type: none"> Stem and leaf Scatter diagrams MMMR from frequency tables <p style="text-align: right;"><i>2 weeks</i></p>
Algebra 2 <ul style="list-style-type: none"> Solving equations and inequalities Problem solving and equations <p style="text-align: right;"><i>2 weeks</i></p>	Algebra 3 <ul style="list-style-type: none"> Patterns and sequences Formula for nth term <p style="text-align: right;"><i>2 weeks</i></p>	Algebra 4 <ul style="list-style-type: none"> Expand brackets (single bracket only) Simplify expressions Solve equations with brackets Factorising (numeric common factor only) <p style="text-align: right;"><i>3 weeks</i></p>	Trigonometry <ul style="list-style-type: none"> Finding a side Finding an angle <p style="text-align: right;"><i>2 weeks</i></p>
Speed, Distance and Time <ul style="list-style-type: none"> Calculations Complex time calculations <p style="text-align: right;"><i>2 weeks</i></p>	Pythagoras <ul style="list-style-type: none"> Finding the hypotenuse Finding a shorter side Problem solving <p style="text-align: right;"><i>1.5 weeks</i></p>	Measurement 3 (3D shape) <ul style="list-style-type: none"> 3D shapes Faces, edges, vertices Skeleton models Volume (cuboid, prisms) Weight Surface area <p style="text-align: right;"><i>3 weeks</i></p>	Similarity <ul style="list-style-type: none"> Enlargement and reduction Scale factors Similarity for length <p style="text-align: right;"><i>2 weeks</i></p>

Measurement 2 (the circle) • Circumference • Area of circle • Composite shapes involving circles <i>2 weeks</i>	Statistics 2 • Mean • Median • Mode • Range <i>2 weeks</i>		Maths in the workplace <i>1 week</i>
7.5 weeks + assessment	6.5 weeks + assssment	8 weeks + assessment	7 weeks + assessment