

Remote Learning Guide

Mathematics



w.c 1st June 2026

What is the remote learning guide?

Where students are unable to attend school due to, medical, or disciplinary reasons we will continue to provide resources to enable students to continue their education at home – we call this remote learning. We want to minimise the impact to your child’s education and therefore we have a plan to make sure learning can continue when they are unable to attend school.

We will be providing all teaching resources through Microsoft Teams. All students will be automatically placed in a Team for their classes in all subjects. Teachers will place all activities, including lessons and resources as files in these Teams. Pupils can access the Teams through their school email accounts. Teachers will also set homework and send messages to their pupils using MS Teams. All work will be available before the lesson is due to start.

You can see a summary of what is being taught each week through the remote learning guides that are shared on the school website every Friday. The guides are also shared with students on their year group’s MS Teams. Your child’s teachers will also be available via email to answer any questions or queries your child may have. The email address for the head of each department is also included within this guide if you need to contact them regarding any subject related issue.

Pupils are also regularly set tasks and can access resources using the following platforms:

- **GCSEPod** - <https://www.gcsepod.com/>
- **Bedrock learning** - <https://bedrocklearning.org/>
- **Seneca** - <https://senecalearning.com/en-GB/>
- **UpLearn** - www.uplearn.co.uk
- **Sparx Maths** - <https://sparxmaths.com/>

The following resources provide lessons created by the BBC and Department for Education that may be used with your children to extend their learning at school.

- **Oak National Academy** - <https://www.thenational.academy/>
- **BBC Bitesize Daily Lessons** - <https://www.bbc.co.uk/bitesize/dailylessons>

Studies show that reading for pleasure makes a big difference to children’s educational performance. We recognise that reading is vitally important to your child’s education. Please make sure your child reads approximately one book a week. Students may access online news resources using The Day - <https://theday.co.uk/> or they may borrow a book from the school library.

Students record the passwords for these online resources in their school planner. If your child is unable to access the digital resources set by their teachers, please contact your child’s Year Manager or Year Coordinator or the school directly using this email address: enquiry@holte.bham.sch.uk

Year 7

Head of Department: ALN

What is your child learning this term?

This term pupils will cover the following areas: Speed, Distance & Time, Properties of Number, Add and Subtract Fractions, Angles and Polygons

Homework set every Wednesday 8am on [Sparx Maths - Home](#) and is due in the following Wednesday by 8pm

All resources are available on TEAMS.

Class	Teacher	Lessons, including homework deadlines & resources
7ma1	RAR	Mon: HCF and LCM using Venn diagram Wed: Explore higher powers and roots Fri: use factors to simplify calculations
7ma2	DAM, ALB	Mon: Area & perimeter of squares Wed: Area of rectangles Fri: Revision
7ma3	HEW, HOA	Mon: Area of a trapezium Wed: Area problems Fri: speed distance time
7ma4	ABB, SSP	Mon: Area of a trapezium Wed: Solve problems with perimeter and area Fri: Revision
7ma5	ALB, ALN	Mon: Simplify a fraction & Convert between mixed numbers and improper fractions Wed: Adding fractions including mixed numbers Thurs: Extension tasks Fri: Subtracting fractions including mixed numbers
7ma6	HEW	Mon: Solve problems with area and perimeter Wed: Form expressions with perimeter and area Thurs: End of unit test Fri: Feedback on unit test
7ma7	DAM	Mon: Area & perimeter of squares Wed: Area & Perimeter of rectangles Thurs: Compound areas Fri: Area of triangles
7ma8	IKR	Mon: Area & perimeter of squares Wed: Area & Perimeter of rectangles Thurs: Compound areas Fri: Area of triangles
7N	SLL	Mon: Add and Subtract Directed Numbers Wed: End of Unit Assessment Fri: Unit Fractions of an Amount

Year 8

Head of Department: ALN

What is your child learning this term?

This term pupils will cover the following areas: Angles in Parallel Lines and Polygons, Tables and Probability, Circles, Graphs and Charts, Sequences

Homework set every Wednesday 8am on [Sparx Maths - Home](#) and is due in the following Wednesday by 8pm

All resources are available on TEAMS.

Class	Teacher	Lessons, including homework deadlines & resources
8Ma1	SSP	Tues: Angles in Parallel Lines Wed: Mean and mode from a grouped frequency table Thurs: Averages and range Fri: End of Unit Assessment
8Ma2	HOA	Tues: Percentage an Amount (non-calculator) Wed: Percentage Increase and Decrease Thurs: Revision Fri: End of unit assessment
8Ma3	ALB, HEW	Tues: Compare distributions using average and the range Wed: Understand inequalities Thurs: Solving inequalities Fri: Form & solve inequalities
8Ma4	SLL	Tues: Percentage an Amount (non-calculator) Wed: Percentage Increase and Decrease Thurs: Revision Fri: End of unit assessment
8Ma5	ABB	Tues: Represent and interpret grouped discrete data Wed: Represent and interpret continuous data Thurs: Mean and mode from a grouped frequency table Fri: Revision
8Ma6	RAR	Tues: Feedback lesson Wed: Positive and negative powers of 10 Thurs: Numbers greater than 1 in standard form Fri: Numbers between 0 and 1 in standard form
8Ma7	IKR	Tues: Positive and negative powers of 10 Wed: Numbers greater than 1 in standard form Thurs: Numbers between 0 and 1 in standard form Fri: Standard form on a calculator
8Ma8	ALB, SSP	Tues: Positive and negative powers of 10 Wed: Numbers greater than 1 in standard form Thurs: Numbers between 0 and 1 in standard form Fri: Standard form on a calculator

Year 9

Head of Department: ALN

What is your child learning this term?

This term pupils will cover the following areas:

Foundation

- **Averages and Range** – Estimating the mean, Sampling
- **Perimeter, Area and Volume** – Surface Area of 3D Solids, Volume of Prisms. Problem solving involving Surface Area and Volume
- **Transformations** – Translation, Reflection, Rotation, Enlargements, Describing Transformations, Combining Transformations

Higher

- **Angles and trigonometry** – Angles in Polygons, Interior and Exterior Angles, Pythagoras, Trigonometry
- **Graphs** – Line Segments, Quadratics Graphs, Cubic Graphs, Non-Linear Graphs
- **Equations and inequalities** – Solving Quadratics, Completing the Square, Simultaneous Equations, Solving Inequalities

Homework set every Wednesday 8am on [Sparx Maths - Home](#) and is due in the following Wednesday by 8pm

All resources are available on TEAMS.

Class	Teacher	Lessons, including deadlines & resources
9Ma1	HEW, RAR	Mon: Perimeter and area Thurs: Prisms and units Fri: Problem solving
9Ma2	ALB, SSP	Mon: Line segments & find the equations of lines parallel or perpendicular to a given line. Thurs: Draw/interpret real-life linear graphs, Recognise direct proportion & Draw/use a line of best fit. Fri: Plotting quadratic graphs
9Ma3	ABB, KWC, VKS	Mon: 3-D Shapes- Nets Thurs: Reflections Fri: rotations
9Ma4	SLL, ALN	Mon: Direct Proportion Thurs: Direct Proportion and conversion graphs Fri: Areas of a trapezium
9Ma5	HOA, ALN	Mon: Real Life Graphs Mon: Distance Time Graphs 1 Thu: Distance Time Graphs 2
9Ma6	ABB, SSP	Mon: Real Life Graphs Mon: Distance Time Graphs 1 Thu: Distance Time Graphs 2
9Ma7	ALB, RAR, HEW	Mon: Enlargement Mon: Transformations - mixed Thu: Combining transformations & revision
9Ma8	MFR, KWC	Mon: Coordinates Mon: Gradients Thu: Real Life Graphs

Year 10

Head of Department: ALN

What is your child learning this term?

Foundation: Pupils will be the following area this term: Quadratic equations and graphs, Perimeter, area and volume, Fractions, indices and standard form

Higher: Circle theorems, More algebra, Vectors and geometric proof, Proportion and graphs

Homework set every Wednesday 8am on [Sparx Maths - Home](#) and is due in the following Wednesday by 8pm

All resources are available on TEAMS.

Class	Teacher	Lessons, including homework deadlines & resources
10Ma1	IKR	Mon: Algebraic Fractions Tues: Solving Algebraic Fractions Thurs: Functions
10Ma2	DAM	Mon: Vectors & Scalars Sum : Sum & difference of vectors Tues: Resultant vectors Thurs: Multiplication of a vector by a scalar
10Ma3	HOA, ABB	Mon: Calculating probability Tues: Trigonometry 1 Thurs: Trigonometry 2
10Ma4	ALB	Mon: Revision Tues: Unit test Thurs: Circumference & area of a circle
10Ma5	ALN, MFR	Tues: Trigonometry Wed: Trigonometry Thurs: Problem Solving Fri: Problem Solving
10Ma6	SSP	Tues: Circle Theorems Wed: Circle Theorems Thurs: Vectors Fri: Probability
10Ma7	HOA	Tue: Choosing averages 1 Wed: Choosing averages 2 Thurs: Comparing data Fri: End of Unit Test
10Ma8	ABB	Tue: Choosing averages 1 Wed: Choosing averages 2 Thurs: Comparing data Fri: End of Unit Test

Year 11

Head of Department: ALN

What is your child learning this term?

Foundation: Preparation for Public Examinations. PLC Topics identified as areas of focus

Higher: Preparation for Public Examinations. PLC Topics identified as areas of focus

Homework set every Wednesday 8am on [Sparx Maths - Home](#) and is due in the following Wednesday by 8pm

All resources are available on TEAMS.

Class	Teacher	Lessons, including homework deadlines & resources
11Ma1	ALN	Mon: Paper 2 Predicted topics Tues: Paper 2 Predicted paper Wed: Paper 2 Predicted topics Thurs: Calculator topics- grade 7-9
11Ma2	DAM	Mon: Paper 2 & 3 (calculator) practice questions Tues: Paper 2 & 3 (calculator) practice questions Wed: Paper 2 & 3 (calculator) practice questions Thurs Paper 2 & 3 (calculator) practice questions
11Ma3	MFR	Mon: Paper 2 and 3 Practice Tues: Paper 2 and 3 Practice Wed: Paper 2 Exam Thurs: Paper 3 Practice
11Ma4	RAR	Mon: Paper 2 and 3 practice Tues: Second part of the paper: problem solving questions Wed: Exam Thurs: practice Paper 3
11Ma5	DAM /MFR	Mon: Paper 2 & 3 (calculator) practice questions Tues: Paper 2 & 3 (calculator) practice questions Fri: Paper 3 Practice
11Ma6	HEW	Mon: Paper 2 & 3 (calculator) practice questions Tues: Paper 2 & 3 (calculator) practice questions Fri: Paper 2 & 3 (calculator) practice questions
11Ma7	IKR	Mon: Paper 2 & 3 (calculator) practice questions Tues: Paper 2 & 3 (calculator) practice questions Fri: Paper 2 & 3 (calculator) practice questions
11Ma8	SSP	Mon: Paper 2 and 3 Practice Tues: Paper 2 and 3 Practice Fri: Paper 2 and 3 Practice

6th Form

Head of Department: ALN

What is your child learning this term?

Year 12

- Pure Maths: Differentiation, Integration, Logarithms
- Statistics and Mechanics: Constant Acceleration, Forces and Motion, Variable Acceleration

Year 13 – Preparation for Public Examinations. PLC Topics identified as areas of focus

Class	Teacher	Lessons, including homework deadlines & resources
12B	MFR VKS	Wed (MFR): Integration Thurs (MFR): Integration Fri (KWC): Forces and motions
12C	IKR, KWC, MFR	Mon (KWC): Calculus in mechanics Tues (IKR): End of year revision Wed (IKR): End of year revision Fri (KWC): Calculus in mechanics
13A	KWC, VKS	Mon (KWC): Consolidation Wed (VKS): Examination revision – implicit differentiation Thurs (KWC): Consolidation
13C	MFR, VKS	Mon (KWC): Consolidation Tues (MFR): Consolidation Thurs (KWC): Consolidation Fri (MFR): Consolidation Fri (KWC): Consolidation
RM1	ALN, KWC, HEW	Mon (KWC): Consolidation Tue (HEW): Paper 2 & 3 exam practice Wed (KWC): Consolidation
RM 2	SSP	Mon (IKR): Exam practice Tue (SSP): Exam practice Wed (SSP): Exam practice