

Remote Learning Guide

Mathematics



w.c 18th May 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?		
<p>This term pupils will cover the following areas: Speed, Distance & Time, Properties of Number, Add and Subtract Fractions, Angles and Polygons</p> <p>Homework set every Wednesday 8am on Sparx Maths - Home and is due in the following Wednesday by 8pm</p> <p>All resources are available on TEAMS.</p>		
Class	Teacher	Lessons, including homework deadlines & resources
7ma1	RAR	Mon: Unit Test Tue: Feedback Lesson Fri: Number System
7ma2	DAM, ALB	Mon: Use a percentage to find the whole Tue: Revision & Unit Test Thu: Feedback lesson Fri: Solve problems with fractions and percentages greater than 1
7ma3	HEW, HOA	Mon: Consolidation Tue: Area of a parallelogram & Triangle Thu: Area of a trapezium Fri: Consolidation
7ma4	ABB, SSP	Mon: Perimeter of a compound shape Tue: Area of rectangles and parallelograms Thu: Area of a trapezium Fri: Solve problems with perimeter and area
7ma5	ALB, ALN	Mon: Use factors to simplify calculations Tue: Revision & unit test Thu: revision
7ma6	HEW	Mon: Perimeter of a polygon Tue: Perimeter of compound shapes Thu: Area of rectangles and parallelograms
7ma7	ABB, DAM	Mon: Revision & Unit Test Tue: Feedback Lesson Thu: Understand angles as a measure
7ma8	IKR	Mon: Add directed numbers Tue: Subtract directed numbers Thu: Multiply and divide directed numbers
7N	SLL	Mon: Calculations that cross zero Tues: Directed number and zero pairs Thurs: Add directed numbers Fri: Subtract directed numbers

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	Tue: Averages from an ungrouped frequency table Thu: Represent and interpret grouped discrete data Fri: Interpret continuous data into class intervals
8Ma2	HOA	Tue: Laws of Indices (Multiplication and division) Thu: Laws of Indices (negative) Fri: Fractional indices
8Ma3	ALB, HEW	Tue: Outliers and errors Thu: Choose the most appropriate average Fri: Understand and use inequalities
8Ma4	SLL	Tue: Increase or decrease an amount by a fraction Thu: Convert fractions, decimals and percentages Fri: Percentage of an amount (non-calculator)
8Ma5	ABB	Tue: Averages from an ungrouped frequency table Wed: Represent and interpret grouped discrete data Thu: Interpret continuous data into class intervals
8Ma6	RAR	Tue: Percentage change Wed: Find the original value given a percentage Thu: Solve percentage problems
8Ma7	IKR	Tue: Percentage increase and decrease Wed: Express a number as a fraction Thu: Express a number as a fraction (calc)
8Ma8	ALB, SSP	Tue: Addition and subtraction laws for indices Wed: Revision Thu: Unit test

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: Line segments Tue: Quadratic graphs Wed: Cubic and reciprocal graphs Thurs: More graphs problem solving Fri: End of unit test
9Ma2	ALB, SSP	Mon: Sketch graphs using the gradient and intercepts Find the gradient of a line through two points Tue: Find the equation of a line, given its gradient and one point on the line. Wed: Draw and interpret distance–time graphs. Calculate average speed from a distance–time graph. Thurs: Understand velocity–time graphs. Find acceleration and distance from velocity–time graphs. Fri: Graph consolidation
9Ma3	ABB, KWC, VKS	Mon: Direct proportion Tue: Unit test Wed: Area of triangle Thurs: Area of compound shapes Fri: Ratio problems (whole, part or difference given)
9Ma4	SLL, ALN	Mon: Direct proportion Tue: Unit test Wed: Area of triangle Thurs: Area of compound shapes Fri: Ratio problems (whole, part or difference given)
9Ma5	HOA, ALN	Mon: Trigonometry (mixed) Mon: Trigonometry (Problems) Tue: Trigonometry

		Wed: Trigonometry Exact Values Thurs: End of unit test
9Ma6	ABB, SSP	Mon: Revision Mon: End of Unit Test Tue: Substitute into quadratic expressions Wed: Draw quadratic graphs Thurs: Draw more complex quadratic graphs
9Ma7	ALB, RAR, HEW	Mon: Unit test Mon: Translation Tue: Reflection Wed: Rotation Thu: Enlargement
9Ma8	MFR, KWC	Mon: Converting Units for Area Mon: Volume of Cuboid Tue: Volume Triangular Prism Wed: Volume Compound Shapes Thurs: Converting Units Volume

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: Expanding brackets (surds) Tue: Rationalising a surd Thu: Algebraic Fractions Fri: First 10
10Ma2	DAM	Mon: Graph a resultant vector using triangle method Tue: Graph a resultant vector using parallelogram method Thu: Add & Subtract Vectors Fri: First 10
10Ma3	HOA, ABB	Mon: Trigonometry (angles) Tue: Trigonometry (Problems) Thu: Trigonometry (Revision) Fri: End of unit test
10Ma4	ALB	Mon: Solving using quadratic graphs Tue: Factorising & Solving equations(algebraically) Thu: Revision Fri: First 10
10Ma5	ALN, MFR	Tue: Vectors Wed: Paper 1 revision Fri: First 10 Paper
10Ma6	SSP	Tue: Box plots and quartiles Wed: Histograms Fri: First 10
10Ma7	HOA	Tue: Trigonometry Problems Wed: Revision Fri: End of unit test
10Ma8	ABB	Tue: Choosing averages 1 Wed: Choosing averages 2 Fri: Comparing data

Year 11

Head of Department:

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: Revision Paper 2 Thu: Revision Paper 2 Fri: Revision Paper 2
11Ma2	HOA	Mon: Revision Paper 2 Thu: Revision Paper 2 Fri: Revision Paper 2=
11Ma3	MFR	Mon: Revision Paper 2 Thu: Revision Paper 2 Fri: Revision Paper 2
11Ma4	RAR	Mon: Revision Paper 2 Thu: Revision Paper 2 Fri: Revision Paper 2
11Ma5	DAM	Mon: Revision Paper 2 Wed: Revision Paper 2 Thu: Revision Paper 2 Fri: Revision Paper 2
11Ma6	HEW	Mon: Revision Paper 2 Wed: Revision Paper 2 Thu: Revision Paper 2 Fri: Revision Paper 2
11Ma7	IKR	Mon: Revision Paper 2 Wed: Revision Paper 2 Thu: Revision Paper 2 Fri: Revision Paper 2
11Ma8	SSP	Mon: Revision Paper 2 Wed: Revision Paper 2 Thu: Revision Paper 2 Fri: Revision Paper 2

6th Form

Head of Department:

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 (VKS): Consolidation Thurs (MFR): Integration Fri (MFR): Integration Fri (VKS): Consolidation
12C	IKR, KWC, MFR	Mon (MFR): Revision Fri (KWC): Consolidation
13A	KWC, VKS	Mon (KWC): Consolidation Wed (VKS): Consolidation Thurs (VKS): Consolidation
13C	MFR, VKS	Tue (VKS): Consolidation Tue (MFR): Revision Thurs (VKS): Consolidation Fri (KWC): Consolidation Fri (MFR): Revision
RM1	DAM, KWC, MFR	Mon (DAM): Exam Practice Tue (DAM): Exam Practice Wed (MFR): Exam Paper Wed (KWC): Exam Paper
RM2	ABB, HEW, ALN, IKR, RAR	Mon (RAR): Exam Paper Mon (ALN): Exam practice Wed (HEW): Exam practice Fri (IKR): Exam Practice