

Remote Learning Guide

Mathematics



w.c 20th April 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: Unit test Fractions and percentage of an amount Tue: Conversion involving times Thursday: Solve problems with tables and timetables Fri: Feedback
7ma2	DAM, ALB	Mon: Fractions, decimals and percentages greater than 1 & Revision Tue: Angles and turns Thu: Compass directions Fri: Revision & Unit test
7ma3	HEW, HOA	Mon: Fractions on a number line Tue: Order pf operations with directed numbers Thu: Use of a calculator with directed numbers Fri: Equivalent fractions
7ma4	ABB, SSP	Mon: Understand Percentages Tue: Fractions on a number line Thu: Equivalent fractions Fri: Convert and order fractions
7ma5	ALB, ALN	Mon: Solve problems with fractions and percentages greater than 1 Tue: Revision Thu: Area and Volume
7ma6	HEW	Mon: Multiply and divide directed numbers Tue: Order pf operations with directed numbers Thu: Use of a calculator with directed numbers
7ma7	ABB, DAM	Mon: Angles and turns Tue: Compass Directions Thu: Measuring Angles
7ma8	IKR	Mon: Compare and order fractions Tue: Fractions as division Thu: Convert fractions, decimals and percentages
7N	SLL	Mon: Multiply and Divide directed numbers Wed: Order of operations with directed numbers Thurs: Using calculators with directed number Fri: Review of directed number

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: Numbers between 0 and one in Standard Form Thu: Standard Form on a calculator Fri: Unit test – Standard Form
8Ma2	HOA	Tue: Numbers between 0 and one in Standard Form Thu: Standard Form on a calculator Fri: Unit test –
8Ma3	ALB, HEW	Tue: writing number in standard Thu: converting standard form to ordinary numbers Fri: Standard form using a calculator
8Ma4	SLL	Tue: writing number in standard Thu: converting standard form to ordinary numbers Fri: Standard form using a calculator
8Ma5	ABB	Tue: Numbers between 0 and one in Standard Form Wed: Standard Form on a calculator Thu: Standard form using a calculator
8Ma6	RAR	Tue: Inequalities on a number line Wed: Solve simple inequalities Thu: Form and solve inequalities
8Ma7	IKR	Tue: Inequalities on a number line Wed: Solve inequalities Thu: Form and solve inequalities
8Ma8	ALB, SSP	Tue: percentage increase & decrease using a multiplier Wed: percentage increase & decrease using a multiplier Thu: Express one number as a fraction or a percentage of another

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: Exterior angles of a polygon Tue: Pythagoras' Theorem 1 Wed: Pythagoras' Theorem 2 Thurs: Trigonometry 1 Fri: Trigonometry 2
9Ma2	ALB, SSP	Mon: interior angles 2 - problem solving Tue: exterior angles in polygons Wed: Pythagoras' Theorem Thurs: Pythagoras' Theorem Fri: Trigonometry - missing sides
9Ma3	ABB, KWC, VKS	Mon: Averages pre check Tue: Averages: Averages- mode and median Wed: Averages: Mean Thurs: Estimating mean Fri: Estimating Mean
9Ma4	SLL, ALN	Mon: Averages pre check Tue: Averages- mode and median Wed: Averages: Mean Thurs: Estimating mean Fri: Estimating Mean
9Ma5	HOA, ALN	Mon: Direct proportion Mon: Conversion Graphs Tue: Inverse proportion Wed: Ratio Problems Thurs: Solve problems with ratio and Algebra
9Ma6	ABB, SSP	Mon: Direct proportion Mon: Conversion Graphs Tue: Inverse proportion

		Wed: Ratio Problems Thurs: Solve problems with ratio and Algebra
9Ma7	ALB, RAR, HEW	Mon (ALB): Averages in a table review Mon: Sampling (RAR) Tue: Revision Wed: Unit test Thurs: Perimeter & area of rectangles, triangles & parallelograms
9Ma8	MFR, KWC	Mon: Averages Review Mon: Averages Review Tue: Unit Assessment Wed: Unit Assessment Review Thurs: Converting Units

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: End of unit assessment Tue: Radii and chords Thu: Tangents Fri: First 10
10Ma2	DAM	Mon: Angles with parallel and intersecting lines Tue: Angle Symmetry in polygons Thu: Symmetry properties in 3D shapes Fri: First 10
10Ma3	HOA, ABB	Mon: Pythagoras Theorem (Long side) Tue: Pythagoras Theorem (Short side) Thu: Pythagoras Theorem (Combination) Fri: Pythagoras Theorem Problems
10Ma4	ALB	Mon: Angle bisectors Tue: Loci Thu: Bearings Fri: First 10
10Ma5	ALN, MFR	Tue: Exam revision Wed: Vectors and Circle theorem Fri: First 10
10Ma6	SSP	Tue: Area and Perimeter of Segments

		Wed: Bearings Fri: 3D Problems (Trigonometry)
10Ma7	HOA	Tue: Pythagoras Theorem (Long side) Wed: Pythagoras Theorem (Short side) Fri: Pythagoras Theorem (Combination)
10Ma8	ABB	Tue: Area and Perimeter of Segments Wed: Bearings Fri: Problems (Trigonometry)

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 [Spax 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: solving quadratics by factorising and completing the square Thu: Solving quadratics using the formula Fri: Exam paper
11Ma2	DAM	Mon: solving quadratics by factorising and completing the square Thu: Solving quadratics using the formula Fri: Exam paper
11Ma3	MFR	Mon: Problem involving scale Thu: Complete and use a frequency tree Fri: Middle 10 Paper
11Ma4	RAR	Mon: Rounding Thu: Error/bounds Fri: Inequalities
11Ma5	DAM	Mon: Brackets and Factorisation - Revision Wed: Equations - Revision Thu: Quadratic and Cubic Equations - Revision Fri: Middle 10
11Ma6	HEW	Mon: Sine & cosine rule Wed: Exam paper Thu: Angles & Polygons Fri: Feedback
11Ma7	IKR	Mon: Problems with scale and ratio Wed: Expanding and Factorising Thu: Solving equations

		Fri: Middle 10
11Ma8	SSP	Mon: Laws of Indices Wed: Standard Form Thu: Similar Shapes and Congruence Fri: Middle 10 Paper

6th Form		
Head of Department:		
What is your child learning this term?		
Year 12		
<ul style="list-style-type: none"> • 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): Vectors geometrical applications Thurs (VKS): Vectors – problem solving Thurs (MFR): Trig Review Fri (MFR): Trig Review Fri (KWC): Displacement-time graphs
12C	IKR, MEK, MFR	Mon (MFR): Trig Review Tue (VKS): Vectors – geometrical applications Fri (KWC): Forces and motion
13A	MEK, RVKS, MEK	Mon (KWC): Mechanics Year 12 review Wed (VKS): Vectors & Exponential modelling Thurs (VKS): Modulus
13C	MFR, VKS	Tue (VKS): Vectors Tue (MFR): Year 12 Consolidation Thurs (VKS): Compound angles - revision Fri (KWC): Statistics Consolidation Fri (MFR): Year 12 Consolidation
RM1	DAM, KWC, MFR	Mon (DAM): Prime Factors, HCF and LCM - Revision Tue (DAM): Fractions and Recurring Decimals - Revision 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