Remote Learning Guide
Mathematics

w.c 11th 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?

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: Draw distance time graphs Wed: Calculate distance from distance time graph Fri: Unit test
7ma2	DAM, ALB	Mon: Angles and turns Wed: Compass directions Fri: Percentage increase and decrease
7ma3	HEW, HOA	Mon: Area of rectangles and parallelograms Wed: Area of a triangle Fri: Area of Trapezium
7ma4	ABB, SSP	Mon: Area of rectangles and parallelograms Wed: Area of a triangle Fri: Convert metric units of length
7ma5	ALB, ALN	Mon: Square, cube and triangular numbers & Square roots and cube roots Wed: Explore higher powers and roots (E) & Highest common factor (HCF) Thurs: Fri: Lowest common multiple (LCM) & HCF and LCM from a Venn diagram
7ma6	HEW	Mon: Solve problems with fractions & percentages Wed: Unit Test / Feedback Thurs: Convert units of length/Perimeter of a polygon Fri: Perimeter of a compound shape
7ma7	DAM	Mon: Angles and turns Wed: Compass directions Thurs: Measuring Angles Fri: Consolidation
7ma8	IKR	Mon: Compare and order directed numbers Wed: Calculations that cross zero Thurs: Directed numbers and zero pairs Fri: Add directed numbers
7N	SLL	Mon: Add directed numbers Wed: Subtract directed numbers Thurs: Add and subtract directed numbers Fri: End of Unit revision and assessment

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: Types of Data Wed: Averages and Range Thurs: Outliers and errors Fri: Choose the most appropriate average
8Ma2	HOA	Tues: Types of Data Wed: Averages and Range Thurs: Outliers and errors Fri: Choose the most appropriate average
8Ma3	ALB, HEW	Tues: Averages & range Wed: Form & Solve equations Thurs: Solve equations with unknowns on both sides Fri: Understand and use inequalities
8Ma4	SLL	Tues: Convert between decimals, percentages (non-calculator) Wed: Convert between decimals, percentages (calculator) Thurs: Find fractions of amounts Fri: Increase and decrease an amount by a fraction
8Ma5	ABB	Tues: Types of data Wed: Averages and range Thurs: Outliers and errors Fri: Choose the most appropriate average
8Ma6	RAR	Tues: Types of Data Wed: Use multipliers to find percentages Thurs: Convert between decimals, percentages greater than 1 Fri: Percentage increase and decrease using a multiplier
8Ma7	IKR	Tues: Convert between percentages and decimals Wed: Percentage multipliers Thurs: Increase and decrease with percentage multipliers Fri: Percentage increase and decrease without a calc
8Ma8	ALB, SSP	Tues: Add and subtract expressions with indices Wed: Multiply and divide expressions with indices Thurs: Addition and subtraction laws for indices Fri: Addition and subtraction laws for indices

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: Graphing rates of change Thurs: Real life graphs Fri: Line segments
9Ma2	ALB, SSP	Mon: Plans and elevations of 3D solids Thurs: reflection & describe reflections Fri: Assembly
9Ma3	ABB, KWC, VKS	Mon: End of Unit Test Thurs: Translations – using vectors Fri: Consolidation
9Ma4	SLL, ALN	Mon: Direct proportion Thurs: Assessment Fri: Direct proportion and conversion graphs
9Ma5	HOA, ALN	Mon: Graphing Rates of Change Mon: Real Life Graphs Thu: Line Segments
9Ma6	ABB, SSP	Mon: Pythagoras – coordinates 1 Mon: Pythagoras – coordinates 2 Thu: Pythagoras - Surds
9Ma7	ALB, RAR, HEW	Mon: Volume of prisms Mon: mixed practice of volume & surface area Thu: end of unit revision
9Ma8	MFR, KWC	Mon: 3D Shapes Nets Mon: Surface Area Cubes

		Thu: Surface Area Triangular Prism

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) Tues: Rationalizing the denominator Thurs: Algebraic fractions
10Ma2	DAM	Mon: Simple ratios Tues: Proportion and ratio Thurs: Maps, scales and ratio
10Ma3	HOA, ABB	Mon: Consolidation Tues: End of Unit Test Feedback Thurs: Consolidation
10Ma4	ALB	Mon: Plotting Quadratic functions Tues: Solving using quadratic graphs Thurs: Factorising & solving quadratic equations (algebraically)
10Ma5	ALN, MFR	Tues: Vectors-Exam questions Wed: Algebraic fractions Thurs: Conditional probability with diagrams Fri: Using ratios in probability problems
10Ma6	SSP	Tues: Quadratic Sequences Wed: Factorise Quadratic and cubic expressions Thurs: Rearranging and using formulas Fri: Turning points of quadratic graphs
10Ma7	HOA	Tues: Averages Wed: Mean (Problems) Thurs: Averages -- Range Fri: Averages and spread from a chart
10Ma8	ABB	Tues: Averages Wed: Mean (Problems) Thurs: Averages -- Range Fri: Averages and spread from a chart

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: Revision paper 1 Tues: Revision paper 1 Wed: Revision paper 1 Thurs: Exam
11Ma2	HOA	Mon: Revision paper 1 Tues: Revision paper 1 Wed: Revision paper 1 Thurs: Exam
11Ma3	MFR	Mon: Paper 1 Practice Tues: Paper 1 Practice Wed: Paper 1 Practice Thurs: Calculator Methods
11Ma4	RAR	Mon: Revision paper 1 Tues: Revision paper 1 Wed: Revision paper 1 Thurs: Exam
11Ma5	DAM MFR	Mon: Revision paper 1 Tues: Revision paper 1 Fri: Calculator Methods
11Ma6	HEW	Mon: Paper 1 revision Tues: Paper 1 revision Fri: Paper2 revision
11Ma7	IKR	Mon: Paper 1 revision Tues: Paper 1 revision Fri: Paper 2 revision
11Ma8	SSP	Mon: Paper 1 Revision Tues: Paper 1 Revision Fri: Paper 2 Revision

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): Differentiation Thurs (MFR): Differentiation Fri (KWC): Freefall
12C	IKR, MEK, MFR	Mon (KWC): Consolidation Tues (IKR): Areas between curves and lines Wed (IKR): End of unit assessment Fri (KWC): Forces and motion
13A	KWC, VKS	Mon (KWC): Statistics consolidation Wed (VKS): Vectors & transformations revision Thurs (KWC): Statistics consolidation
13C	MFR, VKS	Mon (KWC): Consolidation Tues (MFR): Revision Thurs (KWC): Statistics consolidation Thurs (VKS): Vectors & transformations revision Fri (MFR): Revision Fri (KWC): Statistics consolidation
RM1	ALN, KWC, HEW	Mon (KWC): Exam practice Tue (HEW): Paper1 exam practice Wed (KWC): Exam practice
RM 2	SSP	Mon (IKR): Exam Prep Tue (SSP): Exam Prep Tue: Exam Prep Wed (SSP): Exam Prep