

Remote Learning Guide

Mathematics



w.c 8th 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: Feedback lesson Tue: Geometric notations, angles around a point Fri: INSET DAY
7ma2	DAM, ALB	Mon: Revision & Unit test Tue: Speed Thu: Speed, Distance and time Fri: INSET DAY
7ma3	HEW, HOA	Mon: Revision Tue: Unit test Thu: Convert between milliseconds, seconds, minutes and hours Fri: INSET DAY
7ma4	ABB, SSP	Mon: Convert between milliseconds, seconds, minutes and hours Tue: Convert between hours, days and years Thu: Convert between milliseconds, seconds, minutes and hours Fri: INSET DAY
7ma5	ALB, ALN	Mon: Use equivalence to add and subtract decimals and fractions Tue: Add and subtract simple algebraic fractions Thu: Revision
7ma6	HEW	Mon: Convert between time units Tue: Convert between hours, days, years. Thu: Solve problems with tables and time tables
7ma7	ABB, DAM	Mon: Speed Tue: Speed, distance and time Thu: Problems with mixed units
7ma8	IKR	Mon: Fraction of an amount Tue: Use a fraction to find a whole Thu: Percentage of an amount
7N	SLL	Mon: End of unit assessment Wed: Feedback from assessment Thurs: Use unit fraction to find the whole Fri: INSET DAY

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: Perimeter of parts of a circle Thu: Perimeter of compound shapes with circles Fri: INSET DAY
8Ma2	HOA	Tue: Perimeter of parts of a circle Thu: Perimeter of compound shapes with circles Fri: INSET DAY
8Ma3	ALB, HEW	Tue: Averages from an ungrouped frequency table Thu: Represent and interpret grouped discrete data Fri: INSET DAY
8Ma4	SLL	Tue: Multiply decimals by integers Thu: Divide decimals by integers Fri: INSET DAY
8Ma5	ABB	Tue: Add and subtract expressions with indices Wed: Multiply and divide expressions with indices Thu: Addition law for indices
8Ma6	RAR	Tue: Unit test standard form Wed: Feedback lesson Thu: data: average and range
8Ma7	IKR	Tue: Add and subtract expressions with indices Wed: Multiply and divide expressions with indices Thu: Addition law for indices
8Ma8	ALB, SSP	Tue: Revision Wed: Revision & unit test Thu: Test review

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: Prisms Tue: Circles Wed: Sectors of circles Thurs: Cylinders and spheres Fri: INSET DAY
9Ma2	ALB, SSP	Mon: Solve quadratic equations using graphs. Identify the line of symmetry of a quadratic graph. Interpret quadratic graphs relating to real-life situations. Tue: Draw graphs of cubic functions. Solve cubic equations using graphs. Wed: Test review Thurs: Draw graphs of reciprocal functions. Recognise a graph from its shape. Fri: INSET DAY
9Ma3	ABB, KWC, VKS	Mon: Prisms Tue: Surface Area (Cube, Cuboid) Wed: Surface Area (Triangular Prism) Thurs: Converting Units. Fri: INSET DAY
9Ma4	SLL, ALN	Mon: Prisms Tue: Areas of trapezium Wed: Area of compound shapes Thurs: Area of compound shapes Fri: INSET DAY
9Ma5	HOA, ALN	Mon: Real Life Graphs 1 Mon: Real Life Graphs 2 Tue: Distance Time Graphs Wed: Velocity Time Graphs Thurs: Basic Graphs

9Ma6	ABB, SSP	Mon: Real Life Graphs 1 Mon: Real Life Graphs 2 Tue: Distance Time Graphs Wed: Velocity Time Graphs Thurs: Basic Graphs
9Ma7	ALB, RAR, HEW	Mon: Unit test Mon: area of triangles (including problem solving) Tue: Test review Wed: test review Thurs: consolidation of weaker areas
9Ma8	MFR, KWC	Mon: Drawing Distance Time Graphs Mon: Interpreting Distance Time Graphs Tue: Velocity Time Graphs Wed: Basic Graphs Thurs: Drawing Graphs $y=mx+c$

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 proof Tue: Algebraic proof Thu: Functions Fri: INSET DAY
10Ma2	DAM	Mon: Index Notation Tue: Prime Factors Thu: Standard Form Fri: INSET DAY
10Ma3	HOA, ABB	Mon: Sample Space diagrams Tue: Two-way tables Thu: Mutually-Exclusive Fri: INSET DAY
10Ma4	ALB	Mon: Perimeter of sector Tue: Area of a circle AND area of a sector Thu: Exam revision Fri: INSET DAY
10Ma5	ALN, MFR	Tue: Factorising quadratics and solving equations

		Wed: Vectors Fri: INSET DAY
10Ma6	SSP	Tue: Factorising quadratics Wed: Circle Theorems Fri: INSET DAY
10Ma7	HOA	Tue: Comparing data Wed: End of Unit Test Fri: INSET DAY
10Ma8	ABB	Tue: Comparing data Wed: End of Unit Test Fri: INSET DAY

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: Paper 3 Practice Thu: (EXAM FINISHED) - study for other subjects Fri: INSET DAY
11Ma2	DAM & IKR	Mon: Paper 3 Practice Thu: Paper 3 Practice Fri: INSET DAY
11Ma3	MFR	Mon: Paper 3 Practice Thu: Paper 3 Practice Fri: INSET DAY
11Ma4	RAR	Mon: Practice Thu: Practice Fri: INSET DAY
11Ma5	DAM	Mon: Paper 3 practice Wed: Paper 3 Exam Thu: Fri: INSET DAY
11Ma6	HEW	Mon: Paper 3 Practice Wed: EXAM DAY Thu: Fri: INSET DAY

11Ma7	IKR	Mon: Paper 3 exam practice Wed: NA Thu: NA Fri: INSET DAY
11Ma8	SSP	Mon: Paper 3 exam practice Wed: Paper 3 Exam Thu: Exam Finished (Revise other subjects) Fri: INSET DAY

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): Exam Prep Wed (VKS): Vectors retest & solving problems using logarithms Thurs (VKS): Solving equations using logarithms Thurs (MFR): Exam Prep Fri: INSET DAY Fri: INSET DAY
12C	IKR, MEK, MFR	Mon (MFR): Exam Prep Tues (VKS): Vectors retest & solving problems using logarithms Fri: INSET DAY
13A	KWC, VKS	Mon (KWC): Consolidation Wed (VKS): Revision – Pure Paper 2 Thurs (VKS): Examination – Paper 2
13C	KWC, MFR, VKS	Tue (VKS): Revision – Pure Paper 2 Tue (MFR): Exam Prep Thurs (VKS): Examination – Paper 2 Fri: INSET DAY
RM1	DAM, KWC, MFR	Mon (DAM): Paper 3 Practice Tue (DAM): Paper 3 Practice Wed (MFR): Paper 3 Wed (KWC): Paper 3
RM2	ABB, HEW, ALN, IKR, RAR	Mon (RAR): Exam Paper Mon (ALN): Exam practice Wed (HEW): Exam practice Fri: INSET DAY