Remote Learning Guide
Mathematics

w.c 27th 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: solve problems with time and timetables Wed: UKMT Fri: Solve problems with calendar
7ma2	DAM, ALB	Mon: Fractions in context Wed: Conversion of fractions and percentages Fri: Fraction of an amount & Use a fraction to find the whole
7ma3	HEW, HOA	Mon: revision/Unit test Wed: Feedback lesson Fri: Fraction of an amount
7ma4	ABB, SSP	Mon: Convert metric units of length Wed: Perimeter of a polygon Fri: Perimeter of a compound shape
7ma5	ALB, ALN	Mon: Unit test Wed: UKMT Thurs: Revision and extended tasks Fri: Consolidation
7ma6	HEW	Mon: Revision/Unit test Wed: Feedback lesson Thurs: Fraction of an amount Fri: Percentage of an amount non-calculator
7ma7	DAM	Mon: Fractions in context Wed: Conversion of fraction and pecentages Thurs: Finding percentage of amounts Fri: Consolidation
7ma8	IKR	Mon: Compare and order fractions Wed: Fractions as divisions Thurs: Convert fractions, decimals and percentages Fri: End of unit test
7N	SLL	Mon: Explore quarters Wed: Explore hundredths Fri: Equivalent fractions, decimals and percentage

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: SMSC DAY Wed: UKMT Thurs: Standard Form Revision Fri: Unit test
8Ma2	HOA	Tues: SMSC DAY Wed: Solving equations with unknowns on both sides Thurs: Forming and solving equations Fri: Solving inequalities
8Ma3	ALB, HEW	Tues: SMSC DAY Wed: Unit test/revision Thurs: Feedback Fri: Solve 1 & 2 step equations
8Ma4	SLL	Tues: SMSC DAY Wed: Consolidation Thurs: Consolidation Fri: Consolidation
8Ma5	ABB	Tues: SMSC DAY Wed: UKMT Thurs: Addition and subtraction laws for indices Fri: Powers of powers
8Ma6	RAR	Tues: SMSC DAY Wed: Form and solve inequalities Thurs: Solve inequalities with unknown on both sides Fri: Unit test
8Ma7	IKR	Tues: SMSC DAY Wed: Solve inequalities Thurs: Form and solve inequalities Fri: End of unit assessment
8Ma8	ALB, SSP	Tues: SMSC DAY Wed: Percentage change Thurs: Find the original value given a percentage Fri: Choose appropriate methods to solve percentage problems

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, HOA, RAR	Mon: Problem solving with Trigonometry Thurs: Problem solving with Trig & pythagoras Fri: Angleproblems
9Ma2	ALB, SSP	Mon: Trigonometry - missing sides Thurs: Trigonometry - missing angles Fri: Mixed trigonometry practice
9Ma3	ABB, KWC, VKS	Mon: Choosing Averages Thurs: Translations- using vectors Fri: Unit Test
9Ma4	SLL, ALN	Mon: Consolidation Thurs: Consolidation Fri: Averages- Estimating mean
9Ma5	HOA, ALN	Mon: Pythagoras' (find long side and short side) Mon: Pythagoras in context Thu: Trigonometry (SOH CAH TOA)
9Ma6	ABB, SSP	Mon: Angles in polygons Mon: Pythagoras 1 Thu: Pythagoras 2
9Ma7	ALB, RAR, HEW	Mon: Calculate side length given the area of rectangles, triangles & parallelograms Mon: area & perimeter of trapezia Thu: Find the height of a trapezium given its area. Convert between area measures.
9Ma8	MFR, KWC	Mon: Converting Units Mon: Perimeter Thu: Area of Rectangle & Parallelogram

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: Circle theorems Tues: SMSC DAY Thurs: Circle theorems
10Ma2	DAM	Mon: Cicles and tangents Tues: SMSC DAY Thurs: Consolidation
10Ma3	HOA, ABB	Mon: Pythagoras Tues: SMSC DAY Thurs: Unit Test
10Ma4	ALB	Mon: Revision Tues: SMSC DAY Thurs: Revision & unit test
10Ma5	ALN, MFR	Tues: SMSC DAY Wed: Grade 8 Topics revision Thurs: Circle Theorems Fri: Circle Theorems
10Ma6	SSP	Tues: SMSC DAY Wed: Algebraic Fractions Thurs: Perimeter of a segment Fri: Composite Functions
10Ma7	HOA	Tues: SMSC DAY Wed: Pythagoras Thurs: Pythagoras in context Fri: Trigonometry (SOH CAH TOA)
10Ma8	ABB	Tues: SMSC DAY Wed: Angles in Polygons Thurs: Regular Polygons Fri: Exterior Angles

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 1 Practice Tues: SMSC DAY Wed: Problem solving trig Thurs: Problem solving 3D trig
11Ma2	DAM	Mon: Variation: Direct & inverse proportion Tues: SMSC DAY Wed: Inequalities – linear Thurs: Inequalities - quadratics
11Ma3	MFR	Mon: Paper 1 Practice Tues: SMSC DAY Wed: Graphs and Equations of Lines Thurs: Draw a frequency polygon
11Ma4	RAR	Mon: Probability /inequalities Tues: SMSC DAY Wed: Trigonometry Thurs: Sine rule
11Ma5	DAM MFR	Mon: Variation – Direct & inverse proportion Tues: SMSC DAY Fri: Middle 10
11Ma6	HEW	Mon: Quadratic sequences Tues: SMSC DAY Fri: Bearings & problem solving
11Ma7	IKR	Mon: Linear equations graphs Tues: SMSC DAY Fri: Quadratic equations and graphs
11Ma8	SSP	Mon: Equation of a straight-line graph Tues: SMSC DAY Fri: Direct and Inverse Proportion

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): Consolidation
12C	IKR, MEK, MFR	Mon (KWC): Consolidation Tues (IKR): SMSC DAY Wed (IKR): Areas under curves Fri (KWC): Consolidation
13A	MEK, RVKS, MEK	Mon (KWC): Consolidation Wed (VKS): Sequences & series revision Thurs (KWC): Consolidation
13C	MFR, VKS	Mon (KWC): Consolidation Tues: SMSC DAY Thurs (VKS): Sequences & series revision Fri (MFR): Exam Practice Fri (KWC): Exam Practice
RM1	ALN, KWC, HEW	Mon (KWC): Exam Practice Tue (HEW): Exam practice Wed (KWC): Exam Practice
RM 2	HEW, ABB, KWC	Mon (HEW): Exam Practice Wed (ABB):Exam Practice Thurs (KWC): Exam Practice