

# Remote Learning Guide

## Mathematics



w.c 23<sup>rd</sup> March 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](http://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](mailto: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: Graphing Data, Fractions Decimals and Percentages, Directed Number, Fractions and Percentages of Amounts and Perimeter and Area

Homework set every Wednesday 8am on [Sparx Maths - Home](#) and is due in the following Wednesday by 8pm

All resources are available on TEAMS.

<b>Class</b>	<b>Teacher</b>	<b>Lessons, including homework deadlines &amp; resources</b>
7ma1	RAR	Mon: Fraction Tue: Percentages Fri: Independent Practice
7ma2	DAM, ALB	Mon: Fractions as diagrams & Fractions on a number line Tue: Correlation Thu: Time series Fri: Equivalent fractions & compare and order fractions
7ma3	HEW, HOA	Mon: Convert simple fractions decimals and percentages Tue: Directed numbers and zero pairs Thu: Add directed numbers Fri: Fractions as diagrams
7ma4	ABB, SSP	Mon: End of block assessment Tue: End of block assessment feedback Thu: Represent tenths and hundredths Fri: Number lines with fractions and decimals
7ma5	ALB, ALN	Mon: Unit test Tue: Fraction of an amount & use a fraction to find the whole Thu: Consolidation
7ma6	HEW	Mon: Fractions as divisions Tue: Convert fractions decimals and percentages Thu: fractions, decimals and percentages greater than one
7ma7	ABB, DAM	Mon: Tenths, hundredths, fifths and quarters Tue: Correlations Thu: Lines or best fit
7ma8	IKR	Mon: Tenths, hundredths, fifths and quarters Tue: Eighths and Thousandths Thu: Understand Percentages
7N	SLL	Mon: revision for assessment Wed: End of block assessment – Graphing data Thurs: World Maths Day activities Fri: feedback from assessment

## Year 8

**Head of Department:** ALN

### What is your child learning this term?

This term pupils will cover the following areas: Area, Volume and Density, Equations and Inequalities, Percentages, Indices, Standard Form, Interpret and Represent Data

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: Percentage of an amount Thu: Percentage increase using multipliers Fri: Find the original value given a percentage
8Ma2	HOA	Tue: Area of 2-D Shapes Thu: Area of a Compound Shape Fri: Recognise Prisms
8Ma3	ALB, HEW	Tue: Positive and negative powers of 10 Thu: Numbers greater than 1 in standard form Fri: Recognise prisms
8Ma4	SLL	Tue: Number Work Thu: Convert metric units of mass and capacity 1 Fri: Consolidation
8Ma5	ABB	Tue: Solve simple inequalities Wed: Form and solve inequalities Thu: Solve inequalities with unknowns on both sides
8Ma6	RAR	Tue: Form and solve equations Wed: Solv equations unknown on both sides Thu: Understand and solve inequalities
8Ma7	IKR	Tue: Form and solve equations Wed: Solve equations with an unknown on both sides Thu: Understand and use inequalities
8Ma8	ALB, SSP	Tue: Understand and use inequalities & Inequalities on a number line Wed: Revision Thu: Revision & unit test

## Year 9

**Head of Department:** ALN

### What is your child learning this term?

This term pupils will cover the following areas: Maths and Money, Straight line graphs, Ratio and Proportion, Constructions and Congruence, Similarity, Algebraic Manipulation

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	Wed: Inverse proportion graphs Thu: Interpret gradients and y intercepts of real life graphs Fri: Ratio problems (whole or part given)
9Ma2	SSP, ALB	Wed: Draw and measure angles Thu: Borrowing (buying a house) Fri (ALB): Running a house or a business Fri (SSP) : Accurately draw triangles using ASA and SAS
9Ma3	VKS/RAR and ABB	Wed: Draw and measure angles Thu: Equation of a line from graph Fri: Interpret gradient and intercept from real life graphs
9Ma4	SLL	Wed: Ratio problems (whole, part or difference given) Thu: Solve problems with ratio Fri: End of block assessment – Four Operations
9Ma5	HOA	Mon: Rearrange equations to the form y equals mx plus c Tue: Consolidation Wed: Consolidation Thurs: Finding the equation of a line from a graph
9Ma6	ABB	Mon: Lines, parallel to the axes, $y=x$ and $y=-x$ Tue: Explore gradients Wed: Explore intercepts Thurs: $y=mx+c$
9Ma7	ALB, RAR	Mon: Explore gradient Tue: Borrowing (loans) Wed: Explore intercept Thurs: $Y=mx+c$
9Ma8	MFR	Mon: Ratio problems (whole, part or difference given) Tue: Solve problems with ratio Wed: Inverse proportion Thurs: End of Unit Assessment

## Year 10

**Head of Department:** ALN

### What is your child learning this term?

Foundation: Pupils will be the following area this term

Fractions and percentages, Equations, inequalities and sequences, Angles, Probability, Multiplicative reasoning

Higher: Angles and trigonometry, Graphs, Equations and inequalities, Probability

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: Graphs of quadratic functions Tue: Solving quadratic equations graphically Thu: Graphs of cubic functions Fri: First 10 Paper
10Ma2	DAM	Mon: Radii and chords Tue: Tangents Thu: Angles in circles 1 Fri: First 10 Paper
10Ma3	HOA, ABB	Mon: Combining transformations Tue: Unit revision /Unit test Thu: Writing ratios Fri: First 10 Paper
10Ma4	ALB	Mon: Plans & Elevations Tue: Constructing triangles Thu: Scale drawings Fri: First 10 Paper
10Ma5	ALN, MFR	Tue: Algebraic fractions - Addition Wed: Algebraic fractions - Addition Fri: First 10 Paper
10Ma6	SSP	Tue: Area of a triangle ( $\frac{1}{2}ab\sin c$ ) Wed: Area and Perimeter of a segment Fri: First 10 Paper
10Ma7	HOA	Tue: Describing Transformations Wed: Reflection Fri: Enlargement
10Ma8	ABB	Tue: Angles in triangles 1 Wed: Angles in triangles 2 Fri: First 10 Paper

## Year 11

**Head of Department:**

**What is your child learning this term?**

Foundation: Preparation for Phase 2 PPEs and Public Examinations. PLC Topics identified as areas of focus

Higher: Preparation for Phase 2 PPEs and 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: Using calculator effective Thu: Mixed problem-solving questions Fri: Middle 10 paper
11Ma2	HOA	Mon: Using calculator effectively Thu: Mixed problem-solving questions Fri: Middle 10 Paper
11Ma3	MFR	Mon: Problems involving Area and Money Thu: Word problem involving density Fri: Middle 10 Paper
11Ma4	RAR	Mon: Capacity Thu: Standard units Fri: Paper practice
11Ma5	DAM	Mon: Multiple Circle Theorems with Two Tangents Wed: Find Probability from Independent Without Tree Diagram Thu: Complete table from Histogram (No FD Labels) Fri: Middle 10 Paper
11Ma6	HEW	Mon: interleaved questions Wed: straight line graphs Thu: Algebra problems Fri: Middle 10
11Ma7	IKR	Mon: Worded problems involving measure Wed: Worded problems involving time and money Thu: Venn Diagrams and Set notation Fri: Middle 10
11Ma8	SSP	Mon: Interleaved Questions Wed: Straight line graphs Thu: Algebra Problems Fri: Middle 10

## 6<sup>th</sup> Form

**Head of Department:**

**What is your child learning this term?**

**Year 12**

- Pure Maths: Binomial Expansion, Trigonometric Ratios, Trigonometric Identities, Vectors
- Statistics and Mechanics: Statistical Distributions, Hypothesis Testing, Modelling in Mechanics

**Year 13** – Preparation for Phase 2 PPEs and Public Examinations. PLC Topics identified as areas of focus

Class	Teacher	Lessons, including homework deadlines & resources
12B	MFR VKS	Wed (VKS): Finding vector magnitude & direction Thurs (VKS): Consolidation & introduction of Position vectors Thurs (MFR): Trigonometric Ratios Fri (MFR): Trigonometric Ratios
12C	IKR, MEK, MFR	Mon (MFR): Trigonometric Ratios Tue (VKS): Position Vectors Fri (KWC): Mechanics
13A	MEK, RVKS, MEK	Mon (KWC): Mechanics Wed (VKS): Pure Mathematics Paper 1 Assessment Thurs (VKS): Feedback
13C	MFR, VKS	Tue (VKS): Newton – Raphson method Tue (MFR): Trapezium Rule Thurs (VKS): Pure mathematics Paper 1 - Assessment Fri (KWC): Mechanics Fri (MFR): Trapezium Rule
RM1	DAM, MFR, KWC	Mon (DAM): Exam Practice Tue (DAM): Exam Practice Wed (MFR): Crossover Topics Wed (KWC): Exampractice
RM2	ABB, HEW, IKR	Mon (HEW): Exam practice Mon (ABB): Exam Practice Wed (HEW): Exam practice Fri (IKR): Exam Practice