

Learning Guide for Students and Parents

Maths



w.c 14th September 2026

Learning Guide for Parents and Students

The school supports home learning by providing lessons, resources, homework, and communication through Microsoft Teams, supported by several online learning platforms and additional educational resources. If a student cannot attend school due to medical or disciplinary reasons, the school will provide resources so learning can continue from home and disruption to education is minimised.

Further guidance for parents on how they can support their child's learning, including preparing for assessments and examinations, is available at - [Study Hacks — From the Sidelines](#)

How learning is provided

- All teaching materials are shared through Microsoft Teams.
- Students are automatically enrolled in Teams for each of their subjects.
- Teachers upload lesson resources, activities and assignments, homework and messages and updates.
- Resources are available before the scheduled lesson time.
- Students access Teams using their school email account.

Weekly learning information

- Remote learning guides are published on the school website and the App every Friday.
- They are also shared on students' year group Microsoft Teams.
- Teachers can be contacted via email for questions about learning.
- Department Head email addresses are included in the guides for subject-specific queries.

Online learning platforms

Students may also be set work on:

- Seneca Learning (all subjects) <https://senecalearning.com/en-GB/>
- Up Learn (A-Level Science) <https://www.uplearn.co.uk/>
- Sparx Maths (Key Stages 3 and 4 Maths) <https://sparxmaths.com/>
- Kerboodle (Key Stages 3 and 4 Science) <https://www.kerboodle.com/>

Additional learning resources are available on:

- Oak National Academy <https://www.thenational.academy/>
- BBC Bitesize [Home - BBC Bitesize](#)

Reading expectations

Research shows that regular reading has a significant positive impact on children's educational achievement, vocabulary development and wellbeing. We encourage all students to read for at least 20–30 minutes each day, both in and out of school. As a guide, students should aim to complete at least one age-appropriate book every two to three weeks, although confident readers may read more frequently.

- Read for pleasure regularly.
- Aim to read approximately one book per week.
- Access news and current affairs through The Day <https://theday.co.uk/>

- Borrow books from the school library.

Passwords and support

- Students have Microsoft Teams for all lessons. They can access these Teams using their email accounts.
- Teachers will regularly show students how to access the Teams groups.
- Students record passwords for online resources in their school planner.
- If there are difficulties accessing digital resources, parents should contact the student's Year Manager or Year Coordinator, or the school directly at enquiry@holte.bham.sch.uk.

Good attendance is essential for academic success. Missing school can lead to gaps in learning that may affect a student's confidence, progress and achievement. Although we provide learning resources when necessary, attending school remains the best way for students to access high-quality teaching and support.

Year 7

Head of Department: Mr Nur | a.nur@holte.bham.sch.uk

What is your child learning this term?

This term pupils will cover the following areas: Sequences, Algebraic notation and substitution, Expressions and equations, Place value and the four operations.

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
7-1	GIC RAR	Monday: Term to term rule Wednesday: place value Thursday: missing terms
7-2	ALB DAM	Monday: Linear and non-linear sequences Wednesday: Continue Linear sequences Thursday: Continue non – linear sequences
7-3	IKR VKS HEW	Monday: Continue linear sequences Wednesday: Non-Linear sequences Thursday: Algebraic notation
7-4	MFR ABB	Monday: Linear and non-linear sequences Wednesday: Continue Linear Sequences Thursday: Continue Non-Linear Sequences
7-5	RAR	Monday: term to term rule Wednesday: missing terms Thursday: consolidation Friday: Unit test
7-6	ABB	Monday: term to term rule Wednesday: missing terms Thursday: consolidation Friday: Unit test
7-7	IKR DAM	Monday: Introduction to Linear and non linear sequences Wednesday: Linear sequences Thursday: Non-linear sequences Friday: Term to term rules
7-8	HEW MFR	Monday: Continue linear sequences Wednesday: Continue non-linear sequences Thursday: Term-to-term rules Friday: Unit test
7-N	SLL	Monday: Continue number sequences Wednesday: Continue number sequences Thursday: Term-to-term rules Friday: Term-to-term rules

Year 8

Head of Department: Mr Nur | a.nur@holte.bham.sch.uk

What is your child learning this term?

This term the pupils will cover: Ratio, Proportion and scale, Algebraic manipulation, Coordinates and graphs, multiply and divide fraction

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
8-1	IKR GIC	Tuesday: Link ratios and fractions Wednesday: Simplify ratios Thursday: Ratio problems Whole given Friday: Ratio Problems Part Given
8-2	ABB ALB	Tuesday: Ratio Problems Part Given Wednesday: Ratio Problems Part Given Thursday: Ratio Problems Part Given Friday: Ratio
8-3	RAR	Tuesday: Ratio problem difference given Wednesday: Simplify ratio Thursday: Express ratio in the form of 1:n and n:1 Friday: Compare ratio and fractions
8-4	DAM MFR HEW	Tuesday: Wednesday: Line symmetry Thursday: Rotational Symmetry Friday: Ratio
8-5	MFR ABB	Monday: Ratio Problems Part Given Tuesday: Ratio Problems Difference Given Wednesday: Simplify Ratios Thursday: Express ratios in form 1: n and n:1
8-6	IKR ALN (M)	Monday: Algebra-Collecting like terms Tuesday: Simplify ratios Wednesday: Ratio problems whole given Thursday: Ratio problems part given
8-7	HEW	Monday: Ratio problems Tuesday: Simplifying ratios Wednesday: Compare ratios & fractions Thursday: Solve problems with ratio
8-8	ALB	Monday: Simplify ratios Tuesday: Express ratios Wednesday: Compare ratios & fractions Thursday: Solve problems with ratio
8-N	SLL	Monday: Link ratio and fractions Tuesday: Simplify ratios Wednesday: Ratio problems (whole given) Thursday: Ratio problems continued

Year 9

Head of Department: Mr Nur | a.nur@holte.bham.sch.uk

What is your child learning this term?

Pupils will learn: Properties of number, Percentages, Area and volume, Equations, inequalities and formulae, Fractions and Rates.

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
9-1	ALB ALN	Monday: Product of primes Wednesday: Solving equations Thursday: Solving equations- problem solving Friday: HCF & LCM
9-2	HEW RAR	Monday: Use prime factors Wednesday: Express change as a percentages Thursday: Venn diagrams Friday: Find the original amount after a percentage change
9-3	MFR RAR	Monday: HCF and LCM Wednesday: Venn Diagrams Thursday: Venn Diagrams to find HCF and LCM Friday: Integers, Real, Rational Numbers
9-4	ABB	Monday: HCF and LCM Wednesday: Venn Diagrams Thursday: Venn Diagrams to find HCF and LCM Friday: Integers, Real, Rational Numbers
9-5	RAR	Tuesday: Venn diagrams Wednesday: Integer, real numbers and rational numbers Thursday: Introduction to surds
9-6	DAM MFR VKS	Tuesday: Factors, multiples and primes Wednesday: Write a number as a product of its prime factors Thursday:
9-7	IKR GIC	Tuesday: Use prime factors Wednesday: HCF and LCM Thursday: Integers, real and rational numbers
9-8	ABB ALB	Tuesday: HCF and LCM Wednesday: Venn diagrams Thursday: Venn Diagrams to find HCF and LCM

Year 10

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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
10-1	HEW VKS	Monday: Solving simple simultaneous equations Thursday: More simultaneous equations Friday: Solving linear and quadratic simultaneous equations
10-2	GIC	Monday: solve linear equations Thursday: solve equations involving brackets and fractions Friday: Use equations to solve problems
10-3	DAM ABB	Monday: Find the gradient of a line Thursday: Find the gradient from 2 points Friday: Understand the elements in $y=mx+c$
10-4	ALN	Monday: Expanding Brackets Thursday: Solving equations with bracket Friday: Introduction to inequalities
10-5	MFR HEW	Monday: Completing the Square Tuesday: Completing the Square Tuesday: Simultaneous Equations Friday: Fractional Indices
10-6	DAM ABB	Monday: Solving quadratic equations 1 Tuesday: Solving quadratic equations 1 Tuesday: Completing the square Friday: Solving simple simultaneous equations
10-7	ALB RAR	Monday: Two-way table Tuesday: Stem & Leaf Tuesday: Stem & Leaf Friday: Pie charts
10-8	IKR ALN	Monday: Solving equations Tuesday: Solving equations with unknown on both sides Tuesday: Solving equations with brackets Friday: Solving equations with brackets

Year 11

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What is your child learning this term?

Foundation: Quadratic equations and graphs, Perimeter, area and volume, Fractions, indices and standard form, Congruence, similarity and vectors, More algebra

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	Class	Class
11-1	IKR	Monday: Direct and inverse proportion Tuesday: Proportion graphs Thursday: Exponential Graphs
11-2	DAM ALN	Monday: Geometry & measures review Tuesday: Finding the gradient from 2 points Thursday: Find the missing coordinates
11-3	HEW	Monday: Composite areas & Problem solving using areas Tuesday: Problems involving ratio Thursday: Problems involving fractions
11-4	ALB	Monday: Standard form Tuesday: Standard form Thursday: Standard form
11-5	ALN	Tuesday: Trig graphs- plotting Wednesday: Transformation of functions Friday: Transformation of functions Friday: Assessment
11-6	MFR	Tuesday: Solving Quadratics Wednesday: Drawing Quadratics Friday: Algebra Review Friday: Algebra Assessment
11-7	RAR VKS	Tuesday: Composite areas Wednesday: Problem solving using composite areas Friday: Problems involving ratio Friday: Problems involving fraction
11-8	GIC	Tuesday: Area of compound shapes Wednesday: Problems involving area Friday: Circumference Friday: Area of a circle

6th Form

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What is your child learning this term?

Algebra and functions, Statistical sampling, Data presentation and interpretation, Quantities and units in mechanics, Kinematics 1, Coordinate geometry in the (x, y) plane, Further algebra, Data presentation and interpretation & Kinematics 1

Class	Teacher	Lessons, including homework deadlines & resources
RM1	ALN	Friday: PLC Topics from June Exam
RM2	MFR ALB	Monday: PLC Topics from June Exam Tuesday: PLC Topics from June Exam Tuesday: PLC Topics from June Exam Thursday: PLC Topics from June Exam
12E	VKS ALB	Monday: Algebra consolidation Thursday: Finding composite areas Friday: Algebra consolidation
13B	VKS GIC IKR	Tuesday: Sequences and series Wednesday: Partial fractions Thursday: Sequences and series Friday: Exponential Models
13C	GIC VKS IKR	Monday: Sequences and series Monday: Sequences and series Tuesday: Partial fractions Wednesday: Consolidation of partial fractions Friday: Exponential Models