

Additional Learning Resources

Maths: key stage 3

Bowland Maths Resources

Website: <https://www.bowlandmaths.org.uk/>

Key stages: key stage 3

Description: downloadable assessments on a range of subjects, including sample answers and assessment tips, with content suitable for parents, students and teachers.

Registration: not required

Hegarty Maths

Website: <https://hegartymaths.com/>

Key stages: key stage 3 and key stage 4

Description: interactive activities including videos and questions. Teachers can track student progress and tailor next steps.

Registration: requires school registration

MangaHigh

Website: <https://www.mangahigh.com/en-gb/>

Key stages: key stage 3 and key stage 4

Description: interactive maths resources, including topic-specific questions and games that allow teachers to track student progress and set activities.

Registration: requires school registration

Mathigon

Website: <https://mathigon.org/>

Key stages: key stage 3 and key stage 4

Description: interactive maths resources that allow teachers and parents to track student progress and set activities.

Registration: not required

Mathematics Mastery

Website: <https://www.mathematicsmastery.org/free-resources>

Key stages: key stage 3

Description: downloadable guidance and resource packs for parents and pupils.

Registration: not required

Nrich

Website: <https://nrich.maths.org/>

Key stages: early years foundation stage to key stage 4

Description: a range of activities and articles aimed at students, parents and guardians, and teachers, categorised into age groups.

Registration: not required

Nrich Core Maths

Website: <https://nrich.maths.org/12524>

Key stages: key stage 3 to key stage 5

Description: games and puzzles as well as mathematical-thinking and problem-solving questions. Content is categorised by topic and age group.

Registration: not required

Nrich ‘Solving Together’ project

Website: <https://nrich.maths.org/solvingtogether>

Key stages: key stage 3

Description: this is a project that provides activities for parents and carers to try with children.

Registration: not required

Sparx

Website: <https://sparx.co.uk/>

Key stages: key stage 3 and key stage 4

Description: a virtual classroom which supports teachers in building and running lessons as well as tracking pupil progress.

Registration: requires school registration

Top Marks

Website: <https://www.topmarks.co.uk/maths-games>

Key stages: early years foundation stage to key stage 3

Description: a range of interactive maths games categorised by age group, suitable for parents and students to work through.

Registration: not required

White Rose Maths (home learning)

Website: <https://whiterosemaths.com/homelearning/>

Key stages: early years foundation stage to key stage 3

Description: presentations and downloadable workbooks which are easy to use for parents. New material is being released each week.

Registration: not required

Maths: key stage 4

Corbett Maths

Website: <https://corbettmaths.com/contents/>

Key stages: key stage 4

Description: a range of videos and downloadable questions categorised by topic and predicted grade suitable for students.

Registration: not required

Hegarty Maths

Website: <https://hegartymaths.com/>

Key stages: key stage 3 and key stage 4

Description: interactive activities including videos and questions. Teachers can track student progress and tailor next steps.

Registration: requires school registration

MangaHigh

Website: <https://www.mangahigh.com/en-gb/>

Key stages: key stage 3 and key stage 4

Description: interactive maths resources, including topic-specific questions and games that allow teachers to track student progress and set activities.

Registration: requires school registration

Mathigon

Website: <https://mathigon.org/>

Key stages: key stage 3 and key stage 4

Description: interactive maths resources that allow teachers and parents to track student progress and set activities.

Registration: not required

Maths Kitchen

Website: <https://mathskitchen.com/topics>

Key stages: key stage 4

Description: an interactive GCSE revision website. Resources are categorised by topic, including video lessons and practice questions.

Registration: not required

Nrich

Website: <https://nrich.maths.org/>

Key stages: early years foundation stage to key stage 4

Description: a range of activities and articles aimed at students, parents and guardians, and teachers, categorised into age groups

Registration: not required

Nrich Core Maths

Website: <https://nrich.maths.org/12524>

Key stages: key stage 3 to key stage 5

Description: games and puzzles as well as mathematical-thinking and problem-solving questions. Content is categorised by topic and age group.

Registration: not required

Sparx

Website: <https://sparx.co.uk/>

Key stages: key stage 3 and key stage 4

Description: a virtual classroom which supports teachers in building and running lessons as well as tracking pupil progress.

Registration: requires school registration

Maths: key stage 5

Integral

Website - Core maths: <https://amsp.org.uk/teachers/core-maths/resources>

Website - A level maths: <https://amsp.org.uk/news/free-resources-190320>

Key stages: key stage 5

Description: teaching and learning materials for level 3 core maths, A level maths and A level further maths.

Registration: requires school registration

Nrich Core Maths

Website: <https://nrich.maths.org/12524>

Key stages: key stage 3 to key stage 5

Description: games and puzzles as well as mathematical-thinking and problem-solving questions. Content is categorised by topic and age group.

Registration: not required

STEP Support Programme

Website: <https://maths.org/step/welcome>

Key stages: key stage 5

Description: the STEP Support Programme is offered by the University of Cambridge to help university applicants develop their advanced mathematical problem-solving skills and prepare for STEP mathematics exams. Assessments are downloadable.

Registration: not required

Underground Maths

Website: <https://undergroundmathematics.org/>

Key stages: key stage 5

Description: a range of interactive tasks and questions linked to the A level maths and further maths curriculums.

Registration: not required