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
**Mathigon**
*Website:* [https://mathigon.org/](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](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/](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](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/](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](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/](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](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