Course Mapping Guide Secondary Mathematics

CENTURY

About CENTURY

CENTURY is a learning platform that uses artificial intelligence to personalise learning for every learner. Our team of experienced teachers have created all of our content for English, maths, science, geography and physical education from years 2 to 11, as well as functional skills content for post-16 learners. All courses are aligned to the national curriculum and national standards.

- Learning materials and questions for primary, secondary and post-16 learners
- Tailored to each learner's skills and knowledge
- Powered by the world's leading adaptive learning platform
- Web-based learning for tablets, laptops and desktops



How does CENTURY work?





Diagnostics

Learners begin by completing diagnostics that quickly identify knowledge gaps and misconceptions, and help CENTURY recommend the best learning materials for each individual learner.



Recommended Path

This constantly adapting personalised pathway contains micro-lessons designed to address gaps in knowledge, provide stretch and challenge and promote long-term memory retention.

Micheal's Recommended Path



Leadership Dashboard

Senior and middle leaders get an overview of performance and engagement on a subject, class and learner level.



Achievements

Learners get rewarded with badges and streaks for completing micro-lessons or for using CENTURY over a certain period of time to increase their motivation and engagement.



Automated Marking

Teachers can view data in real time, to help quickly identify which learners require additional support or further stretch.



Teacher Dashboard

Use the markbook to monitor individual learners and whole-class trends with a range of dashboards.



Learner Dashboard & Guardian Portal

Learners can identify their strengths and areas for improvement. Parents and guardians can monitor their learner's progress, completed work, and see work set.

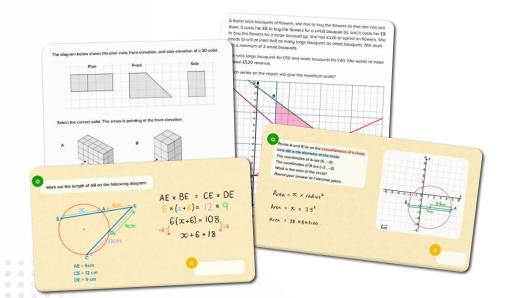




Secondary

These courses have been created by our team of experienced secondary mathematics teachers.

Edexcel Specification: 1MA1 AQA Specification: 8300 OCR Specification: J560 Eduqas Specification: C300P





Mathemetics Secondary (F)



Mathematics Secondary (H)



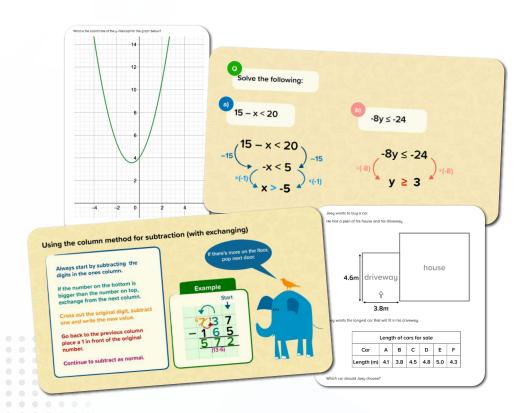
Mathematics Secondary (F+)



Bridge to A-Level Mathematics

Secondary Edexcel

These courses have been created by our team of experienced secondary mathematics teachers.





Number & Measure Level 1: Edexcel Award

Specification: ANM10 QAN: 600/2241/3



Number & Measure Level 2: Edexcel Award

Specification: ANM10 QAN: 600/2242/5



Algebra Level 2: Edexcel Award

Specification: AAL20 QAN: 600/6631/3



Algebra Level 3: Edexcel Award

Specification: AAL30 QAN: 600/6632/5

Secondary WJEC

These courses have been created by our team of experienced secondary mathematics teachers.



Mathematics GCSE Unit 1: WJEC (F)

Specification: 3320UA QAN: C00/4968/0



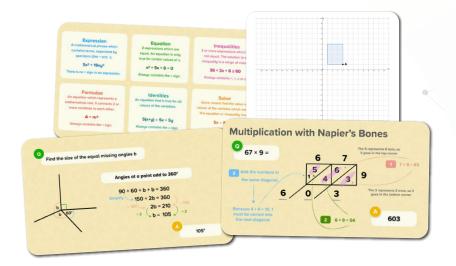
Mathematics GCSE Unit 1: WJEC (H)

Specification: 3320U1 QAN: C00/4968/0



Mathematics GCSE Unit 2: WJEC (F)

Specification: 3320UB QAN: C00/4968/0





Mathematics GCSE Unit 2: WJEC (H)

Specification: 3320U2 QAN: C00/4968/0



Mathematics GCSE Unit 3: WJEC (F)

Specification: 3320UC QAN: C00/4968/0

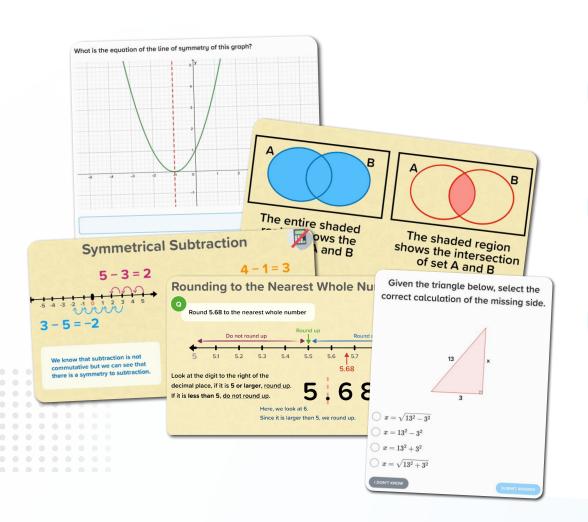


Mathematics GCSE Unit 3: WJEC (H)

Specification: 3320U3 QAN: C00/4968/0

IGCSE Cambridge

These courses have been created by our team of experienced secondary mathematics teachers.





Mathematics IGCSE: Cambridge (Core)

Specification: 0580/0980



Mathematics IGCSE: Cambridge (Extended)

Specification: 0580/0980



Mathematics International IGCSE: Cambridge (Core)

Specification: 0607



Mathematics International IGCSE: Cambridge (Extended)

Specification: 0607

IGCSE Edexcel

These courses have been created by our team of experienced secondary mathematics teachers.



Mathematics IGCSE: Edexcel (F)

Specification: 4MA1



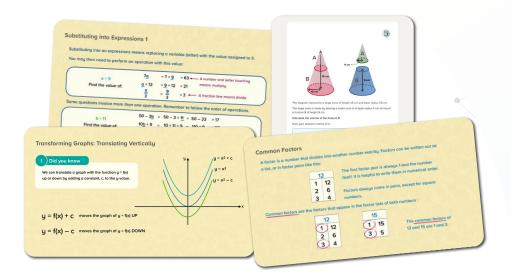
Mathematics IGCSE: Edexcel (H)

Specification: 4MA1



Mathematics IGCSE Unit 1: Edexcel Modular (F)

Specification: 4XMAF





Mathematics IGCSE Unit 1: Edexcel Modular (H)

Specification: 4XMAH



Mathematics IGCSE Unit 2: Edexcel Modular (F)

Specification: 4XMAF



Mathematics IGCSE Unit 2: Edexcel Modular (H)

Specification: 4XMAH

Financial Maths

This course covers skills relating to financial maths; including underlying mathematical skills as well as understanding of everyday finance and financial products.



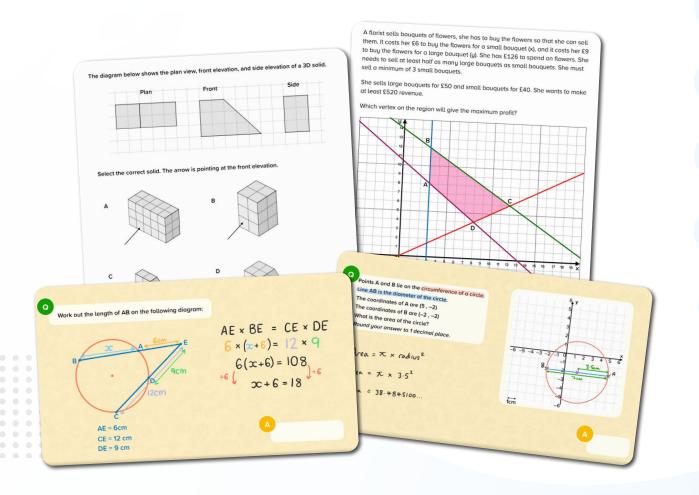
Financial Maths



Download course content

Secondary White Rose

This mapping document shows how our content aligns with the White Rose scheme of learning.



White Rose Mathematics - Year 7

White Rose Mathematics - Year 8

White Rose Mathematics - Year 9

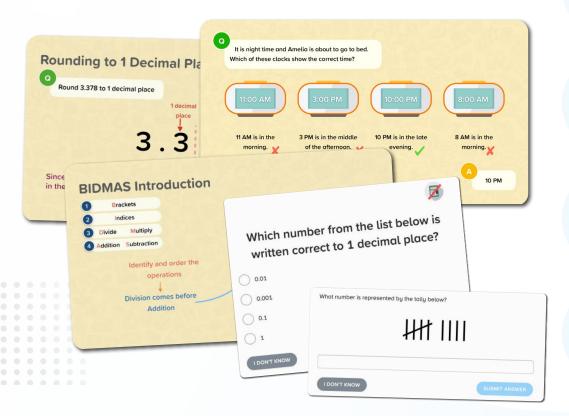
White Rose Mathematics - Year 10

White Rose Mathematics - Year 11

Download course content

Functional Skills

Our functional skills courses cover the knowledge and skills required for the functional skills qualifications, mapped to the national requirements outlined by the DfE.





Mathematics Functional Skills (Entry 1)



Mathematics Functional Skills (Entry 2)



Mathematics Functional Skills (Entry 3)



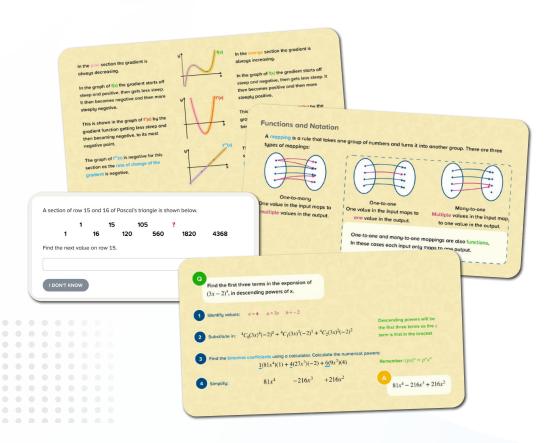
Mathematics Functional Skills (Level 1)



Mathematics Functional Skills (Level 2)

Advanced Maths

These courses have been created by our team of experienced secondary mathematics teachers to support students taking advanced maths qualifications.





Advanced Maths: Differentiation



Advanced Maths: Functions



Advanced Maths: Binomial Expansion

Questions?Email support@century.tech

