Course Mapping Guide

Secondary Science

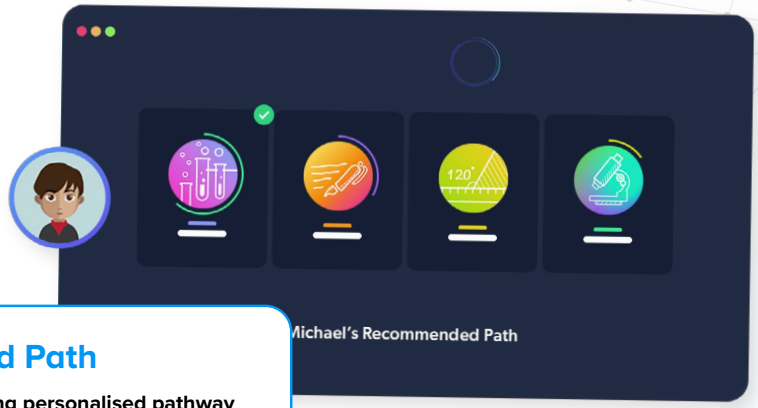
CENTURY

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 and science 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.

Leadership Dashboard

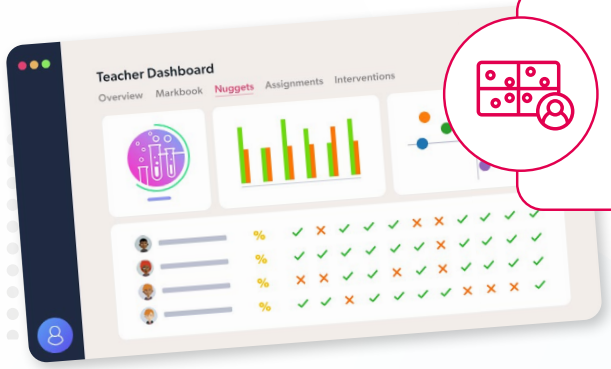
Senior and middle leaders get an overview of performance and engagement on a subject, class and learner level.

Achievements

Learners get rewarded with badges and streaks for completing micro-lessons or 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 you 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.

Want to see this in action?
Watch a CENTURY platform walkthrough

Science Courses

KS3

This map show how our KS3 Biology, Chemistry and Physics courses are aligned to the KS3 national curriculum. You can edit each of these courses to match your KS3 schemes of work.

Science – KS3 Biology

Science – KS3 Chemistry

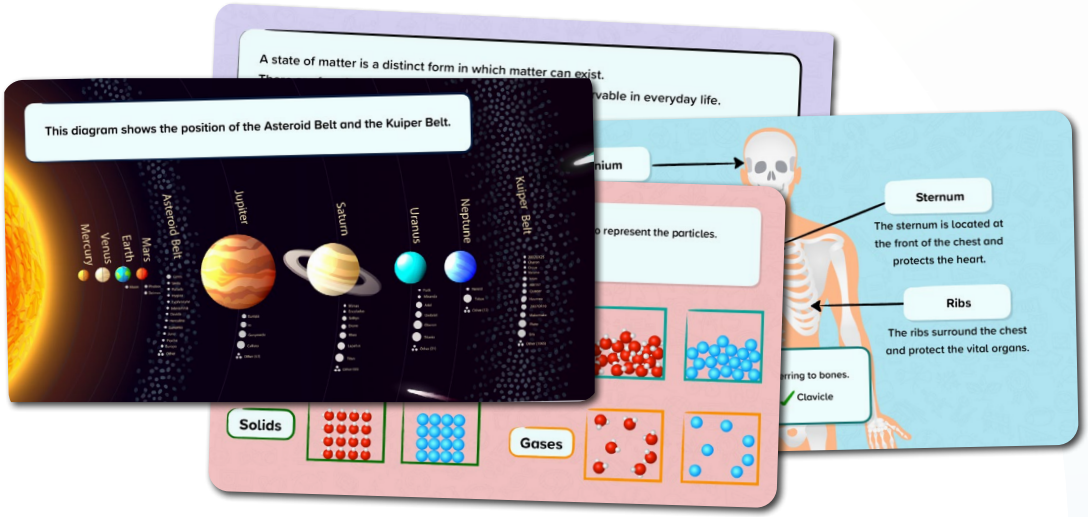
Science – KS3 Physics

Download course content

Science Courses

Lower Secondary Cambridge

These maps show how our KS3 Biology, Chemistry and Physics courses are aligned to the Cambridge scheme.



Science – Stage 7: Cambridge University Press Aligned

Science – Stage 7: Cambridge Framework Aligned

Science – Stage 8: Cambridge University Press Aligned

Science – Stage 8: Cambridge Framework Aligned

Science – Stage 9: Cambridge University Press Aligned

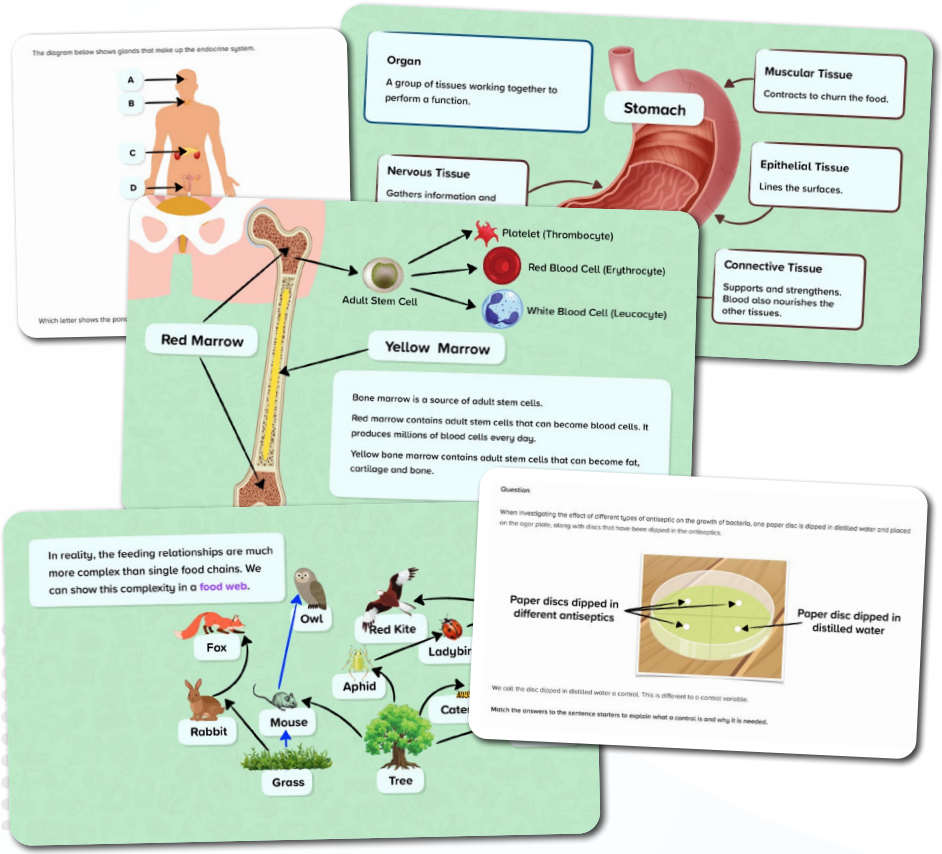
Science – Stage 9: Cambridge Framework Aligned

Download course content

Science Courses

GCSE AQA Biology

These courses were created by our experienced team of science teachers to support learners studying the GCSE AQA Biology scheme of learning.



Biology GCSE: AQA (F)

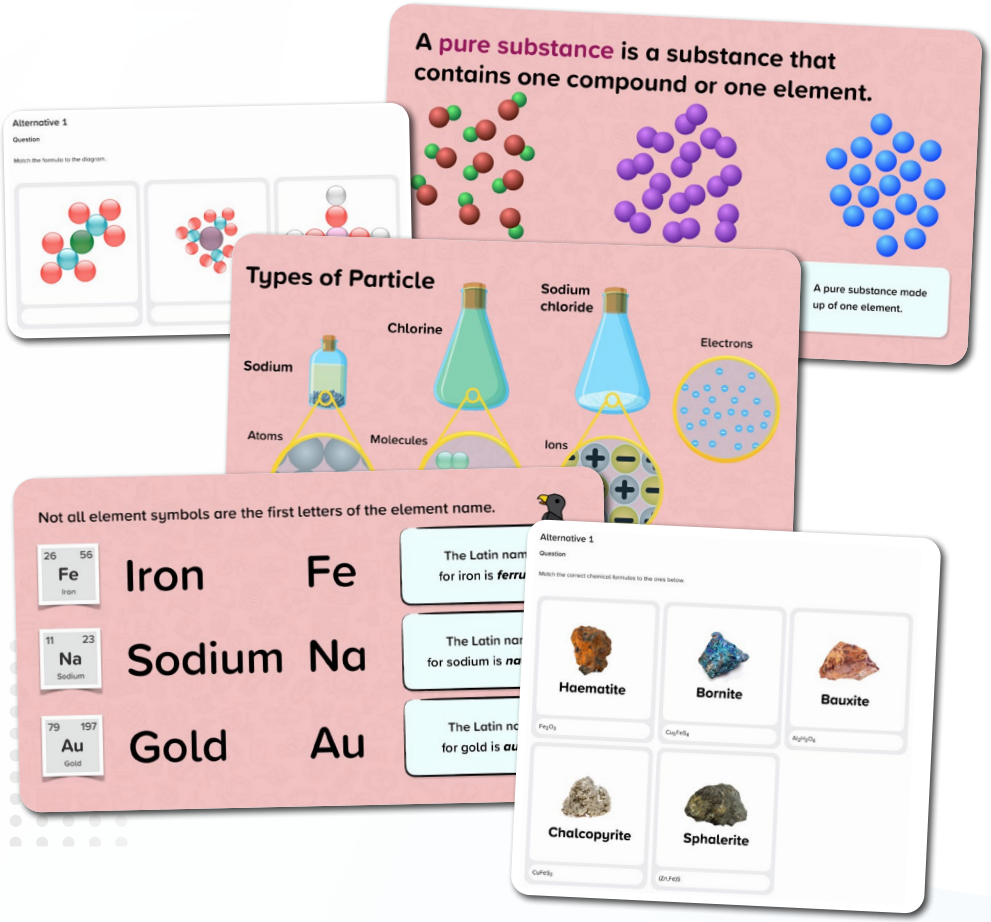
Biology GCSE: AQA (H)

Download course content

Science Courses

GCSE AQA Chemistry

These courses were created by our experienced team of science teachers to support learners studying the GCSE AQA Chemistry scheme of learning.



Chemistry GCSE: AQA (F)

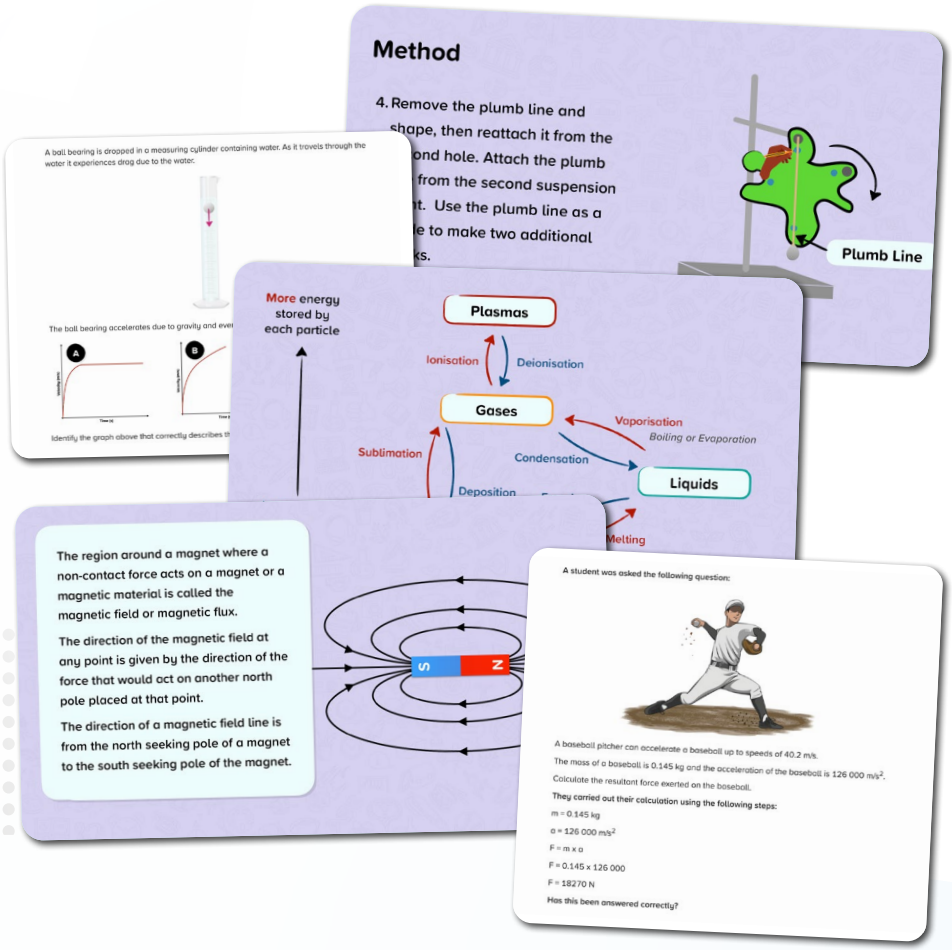
Chemistry GCSE: AQA (H)

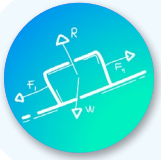
Download course content

Science Courses

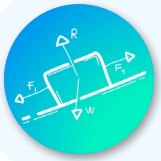
GCSE AQA Physics

These courses were created by our experienced team of science teachers to support learners studying the GCSE AQA Physics scheme of learning.





Science Physics GCSE: AQA (F)



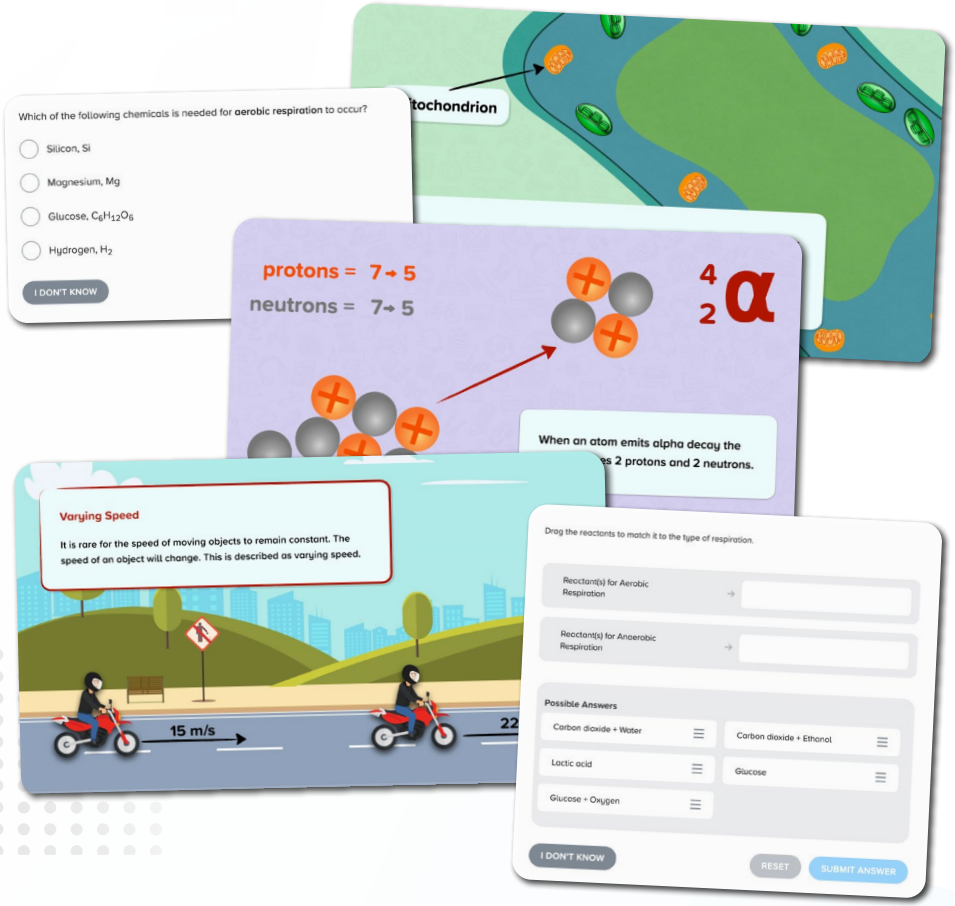
Science Physics GCSE: AQA (H)

Download course content

Secondary Science Courses

GCSE AQA Synergy

These courses were created by our experienced team of science teachers to support learners studying the GCSE AQA Synergy scheme of learning.



Combined Science GCSE: AQA Synergy (F) – Life & Environmental Sciences

Specification: 8465

Combined Science GCSE: AQA Synergy (H) – Life & Environmental Sciences

Specification: 8465

Combined Science GCSE: AQA Synergy (F) – Physical Sciences

Specification: 8465

Combined Science GCSE: AQA Synergy (H) – Physical Sciences

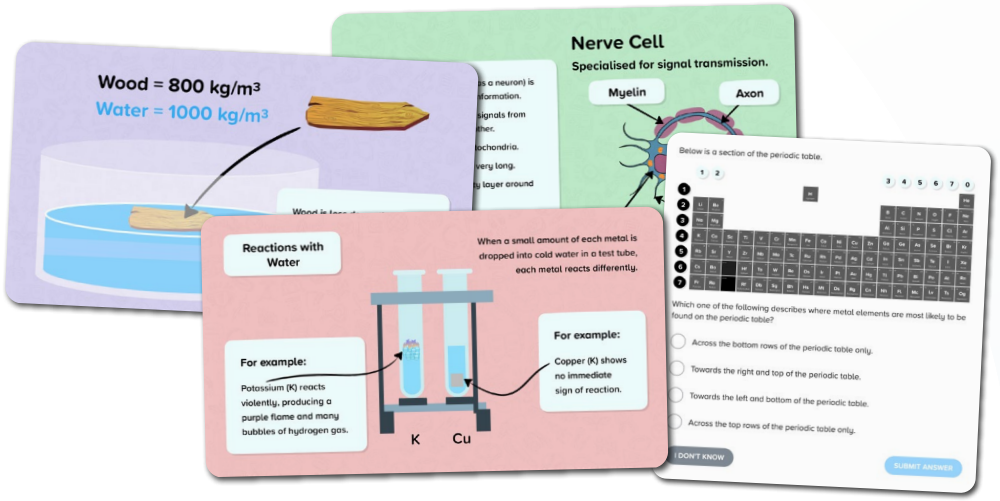
Specification: 8465

Download course content

Science Courses

GCSE AQA Trilogy

These courses were created by our experienced team of science teachers to support learners studying the GCSE AQA Synergy scheme of learning.



Combined Science GCSE: AQA Trilogy (F) – Biology

Specification: 8464

Combined Science GCSE: AQA Trilogy (H) – Biology

Specification: 8464

Combined Science GCSE: AQA Trilogy (F) – Chemistry

Specification: 8464

Combined Science GCSE: AQA Trilogy (H) – Chemistry

Specification: 8464

Combined Science GCSE: AQA Trilogy (F) – Physics

Specification: 8464

Combined Science GCSE: AQA Trilogy (H) – Physics

Specification: 8464

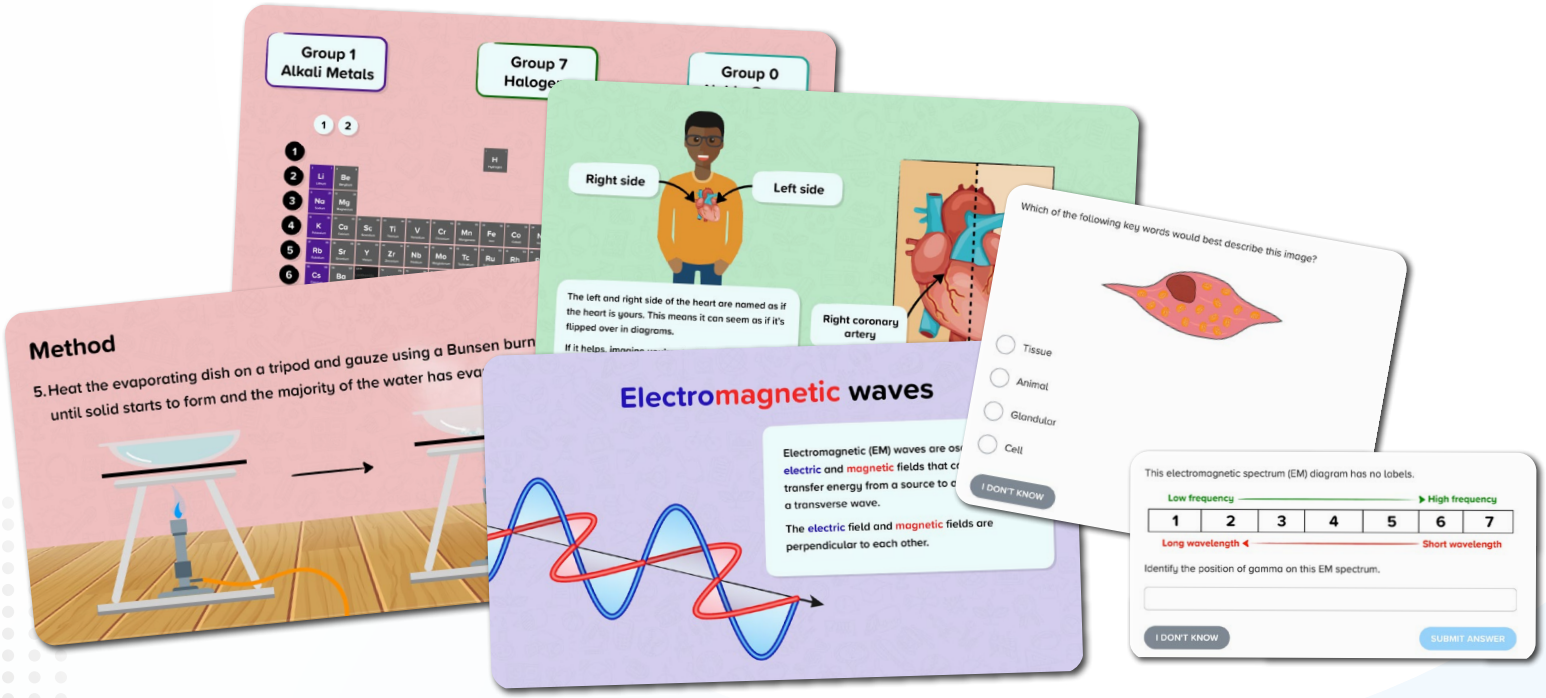
Download course content

Science Courses

Science Courses - ELC

This course is mapped to AQA ELC Science, and is designed for students studying both ELC and GCSE.
AQA: 5960
QAN: 601/7522/9ng

Science ELC+ (Double Award): AQA

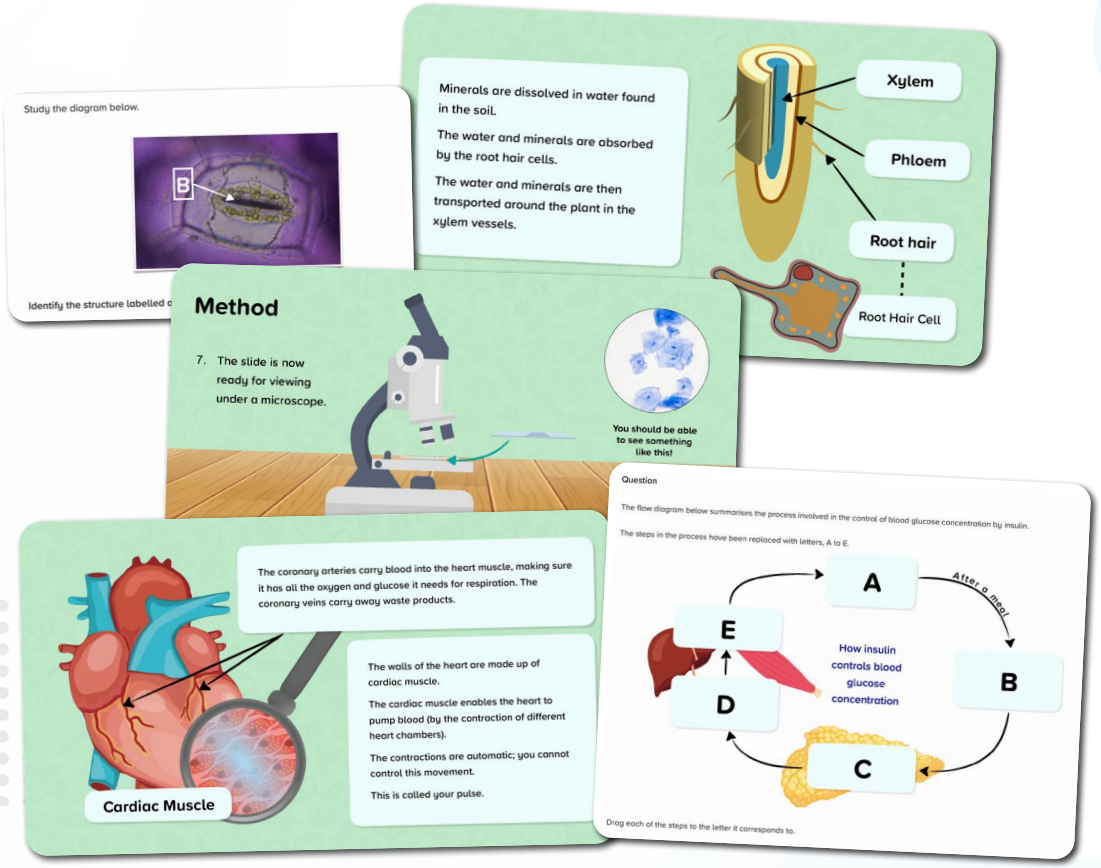


Download course content

Science Courses

GCSE Edexcel

These courses were created by our experienced team of science teachers to support learners studying the GCSE Edexcel Biology scheme of learning.



Biology GCSE: Edexcel (F)

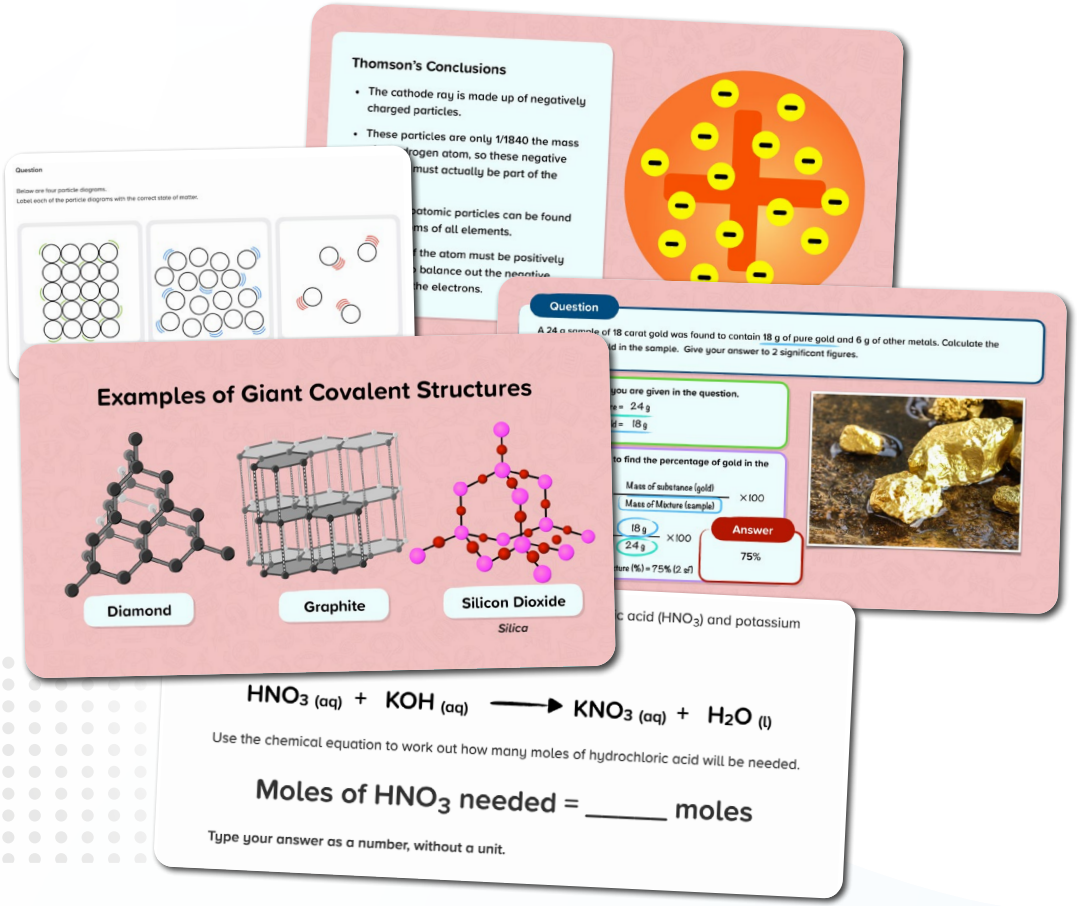
Biology GCSE: Edexcel (H)

Download course content

Science Courses

GCSE Edexcel

These courses were created by our experienced team of science teachers to support learners studying the GCSE Edexcel Chemistry scheme of learning.



Chemistry GCSE: Edexcel (F)

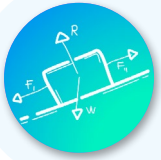
Chemistry GCSE: Edexcel (H)

Download course content

Science Courses

GCSE Edexcel

These courses were created by our experienced team of science teachers to support learners studying the GCSE Edexcel Physics scheme of learning.



Physics GCSE: Edexcel (F)

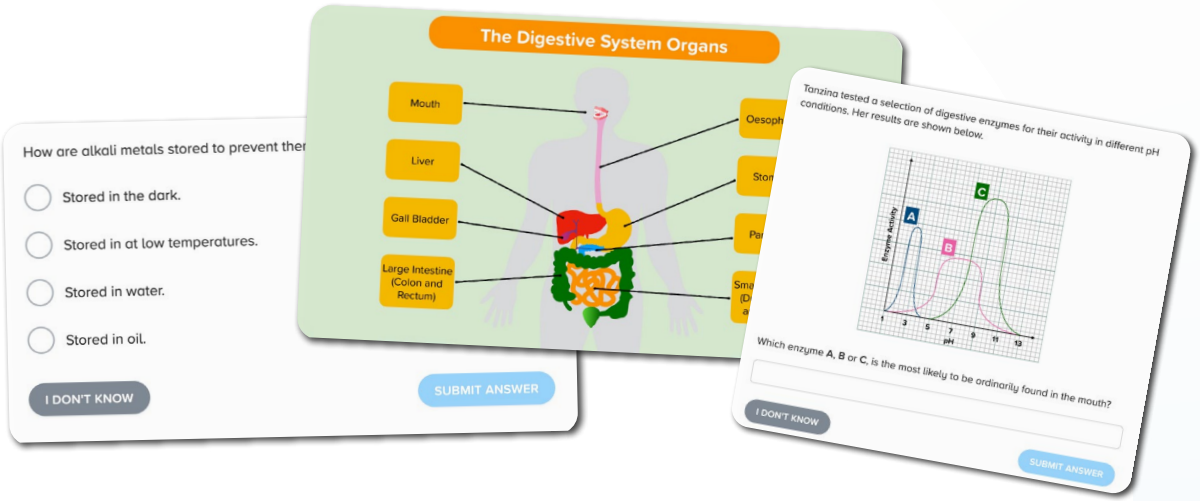
Physics GCSE: Edexcel (H)

Download course content

Science Courses

GCSE Edexcel

These courses were created by our experienced team of science teachers to support learners studying the GCSE Edexcel Combined scheme of learning.



Combined Science GCSE: Edexcel – Biology (F)

Combined Science GCSE: Edexcel – Biology (H)

Combined Science GCSE: Edexcel – Chemistry (F)

Combined Science GCSE: Edexcel – Chemistry (H)

Combined Science GCSE: Edexcel – Physics (F)

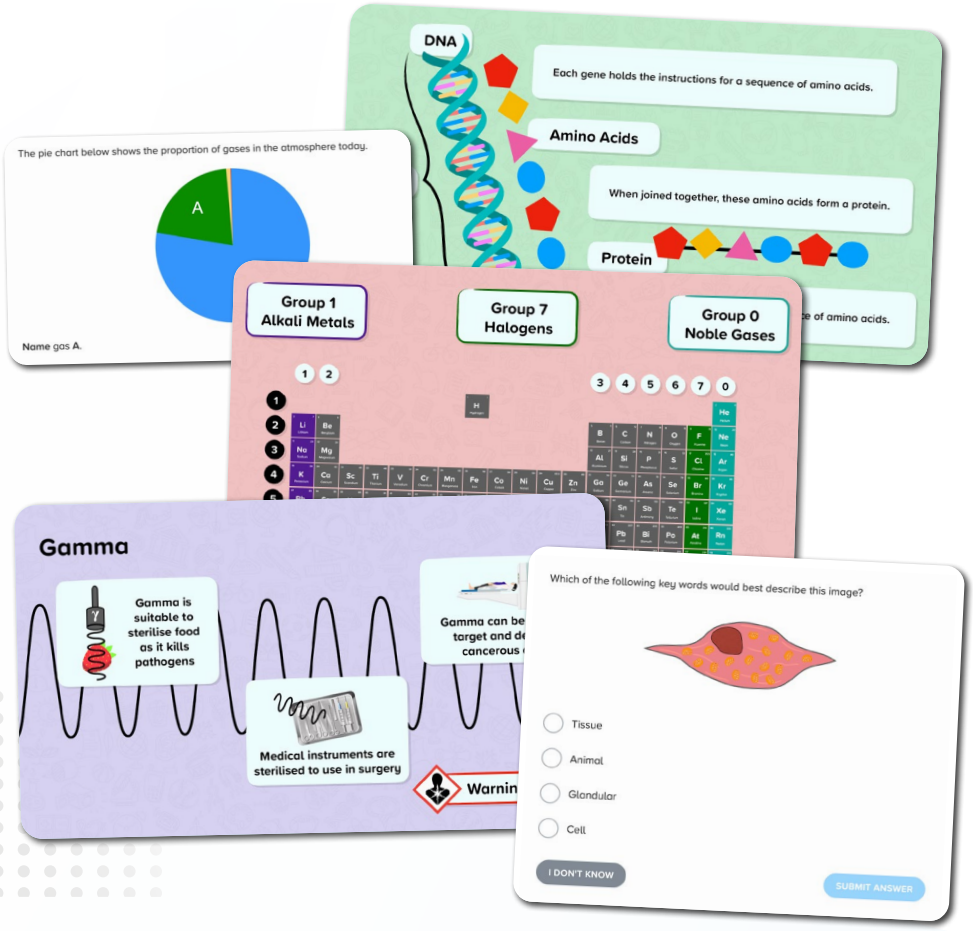
Combined Science GCSE: Edexcel – Physics (H)

Download course content

Science Courses

Secondary Other

These courses were created by our experienced team of science teachers.



Biology GCSE

Chemistry GCSE

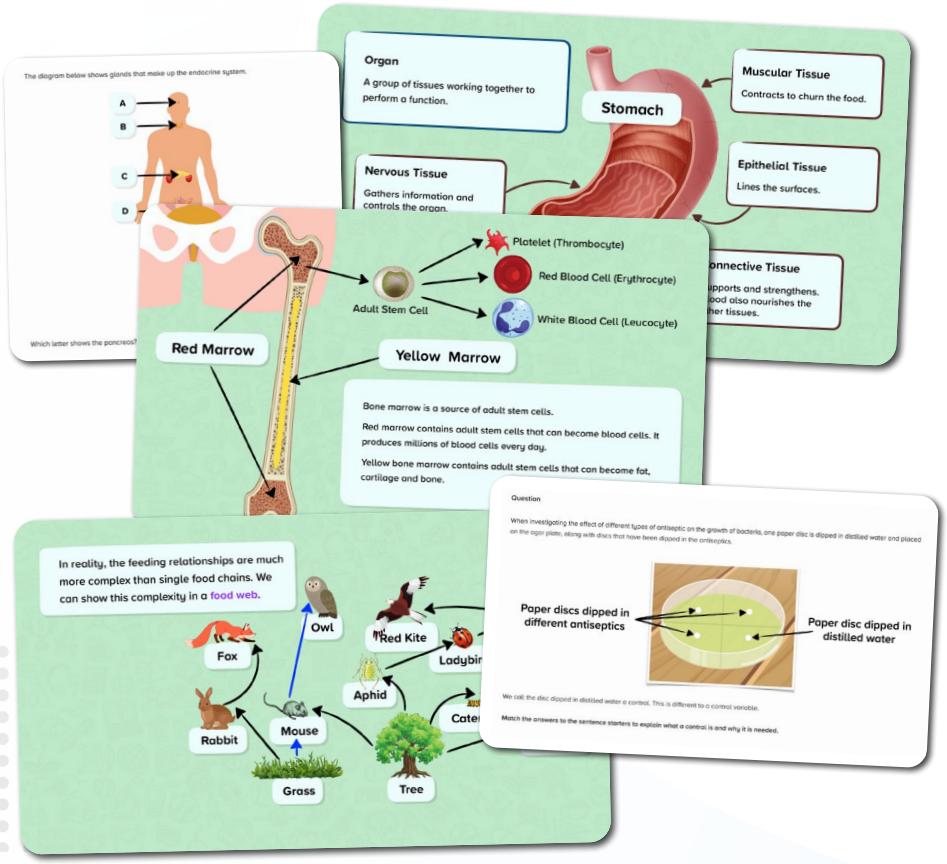
Physics GCSE

Download course content

Science Courses

IGCSE Cambridge Biology

These courses were created by our experienced team of science teachers to support learners studying the IGCSE Cambridge Biology scheme of learning.



Biology IGCSE (Core)

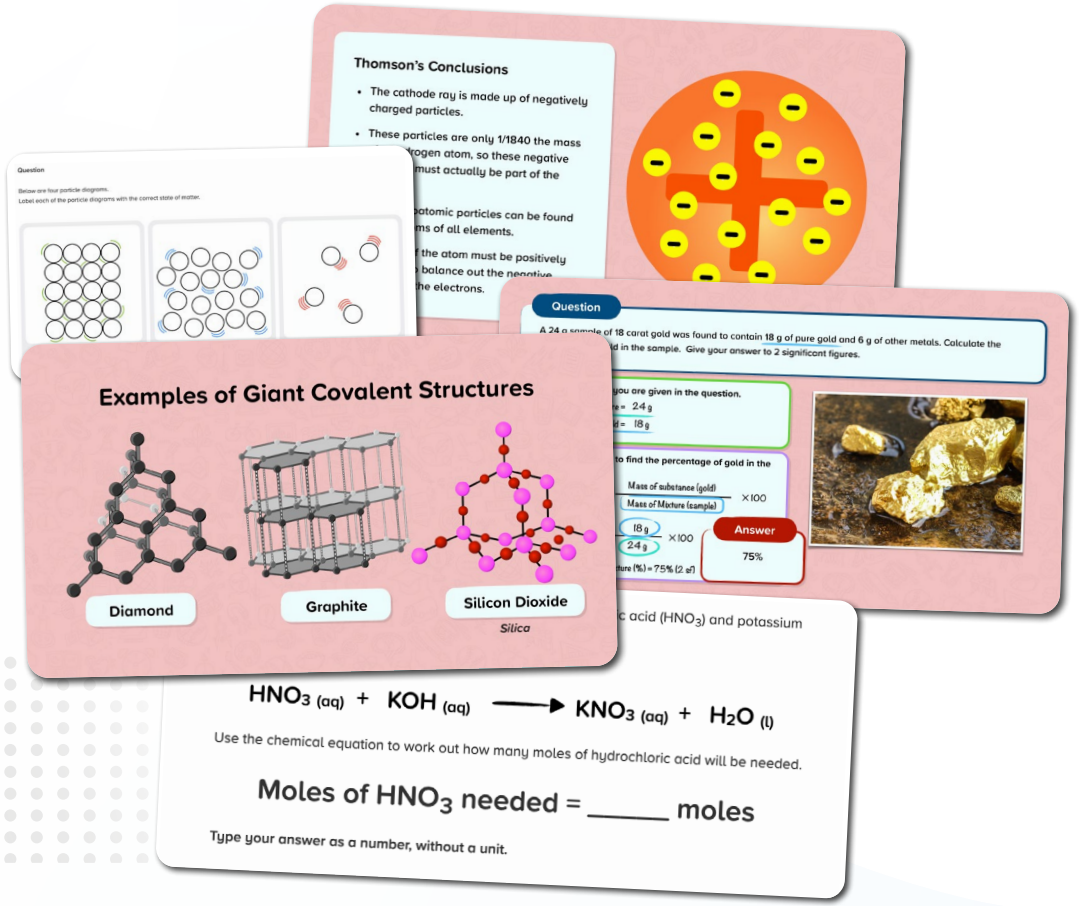
Biology IGCSE (Extended)

Download course content

Science Courses

IGCSE Cambridge Chemistry

These courses were created by our experienced team of science teachers to support learners studying the IGCSE Cambridge Chemistry scheme of learning.



Chemistry IGCSE (Core)

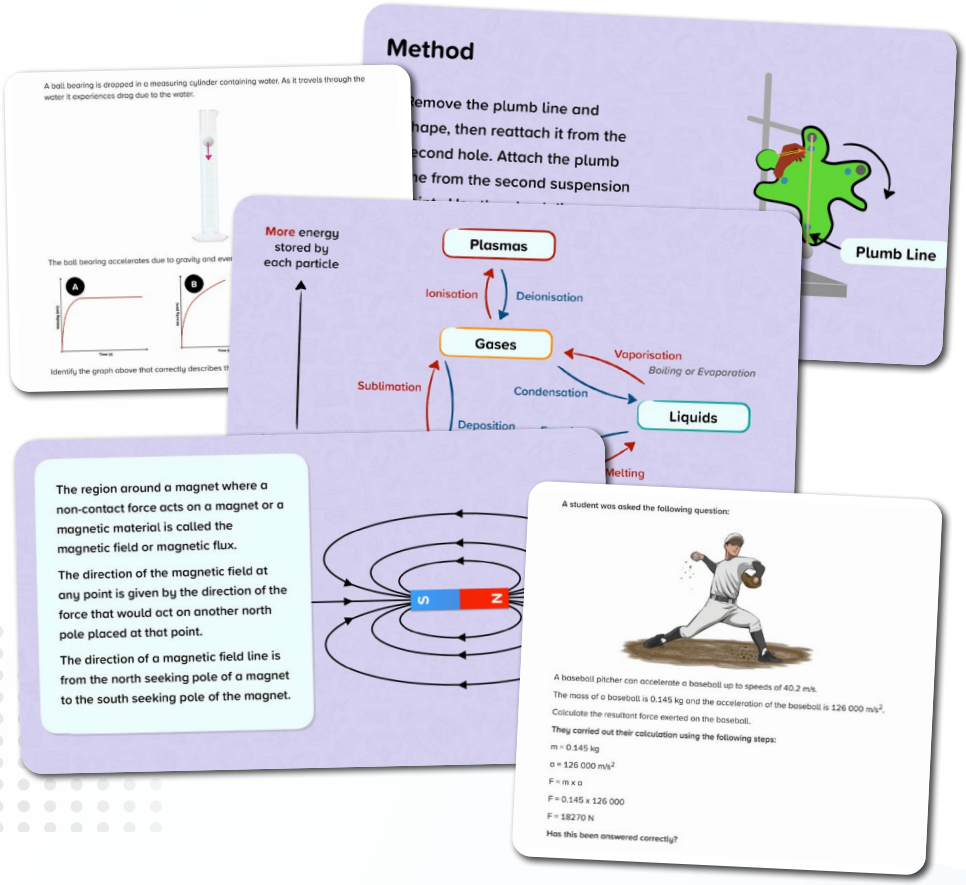
Chemistry IGCSE (Extended)

Download course content

Science Courses

IGCSE Cambridge Physics

These courses were created by our experienced team of science teachers to support learners studying the IGCSE Cambridge Physics scheme of learning.



Physics IGCSE (Core)

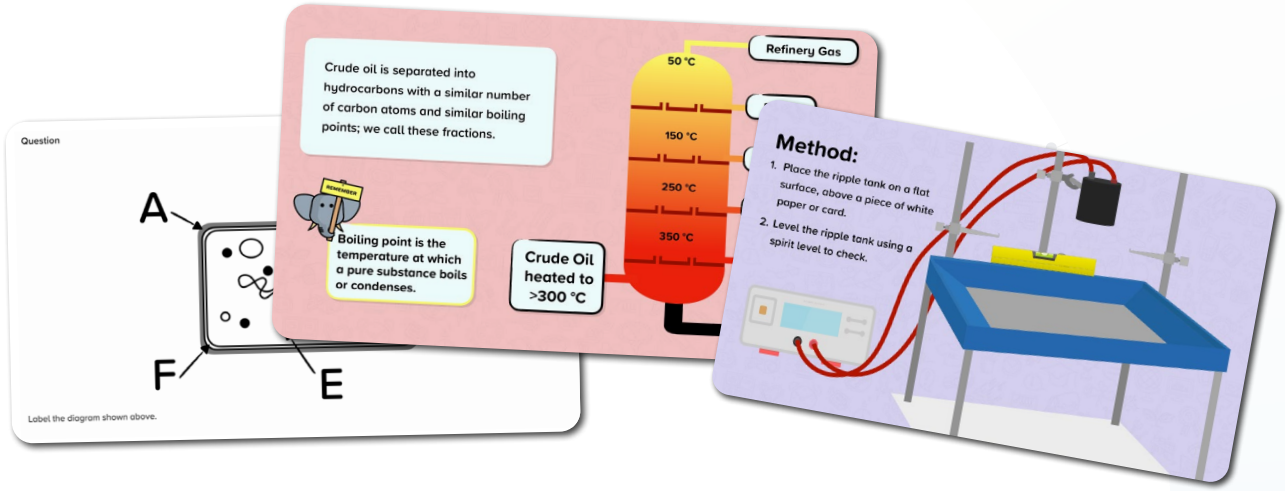
Physics IGCSE (Extended)

Download course content

Science Courses

IGCSE Cambridge Combined

These courses were created by our experienced team of science teachers to support learners studying the IGCSE Cambridge Combined scheme of learning.



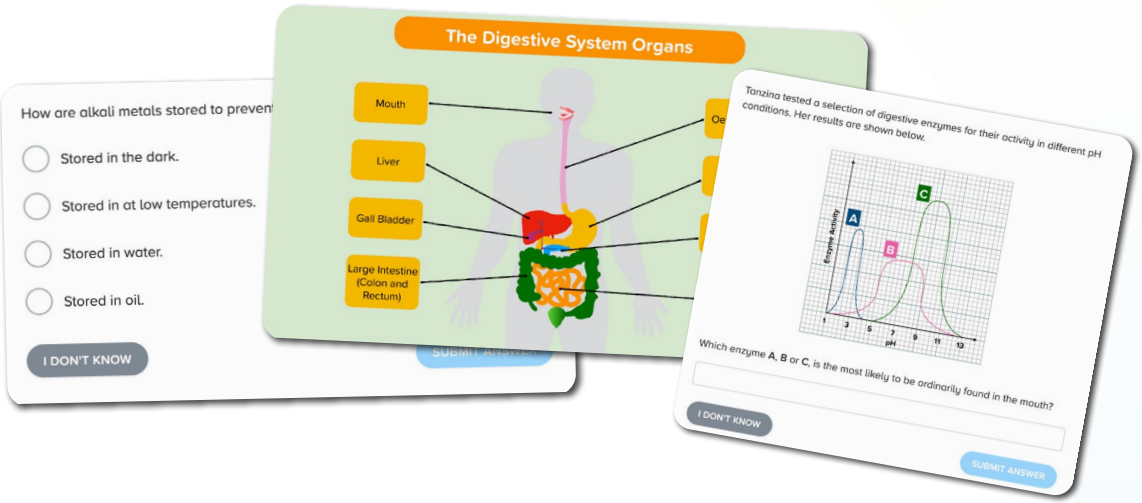
- **Combined Science IGCSE – Biology (Core)**
- **Combined Science IGCSE – Biology (Extended)**
- **Combined Science IGCSE – Chemistry (Core)**
- **Combined Science IGCSE – Chemistry (Extended)**
- **Combined Science IGCSE – Physics (Core)**
- **Combined Science IGCSE – Physics (Extended)**

Download course content

Science Courses

IGCSE Cambridge Co-ordinated

These courses were created by our experienced team of science teachers to support learners studying the IGCSE Cambridge Co-ordinated scheme of learning.



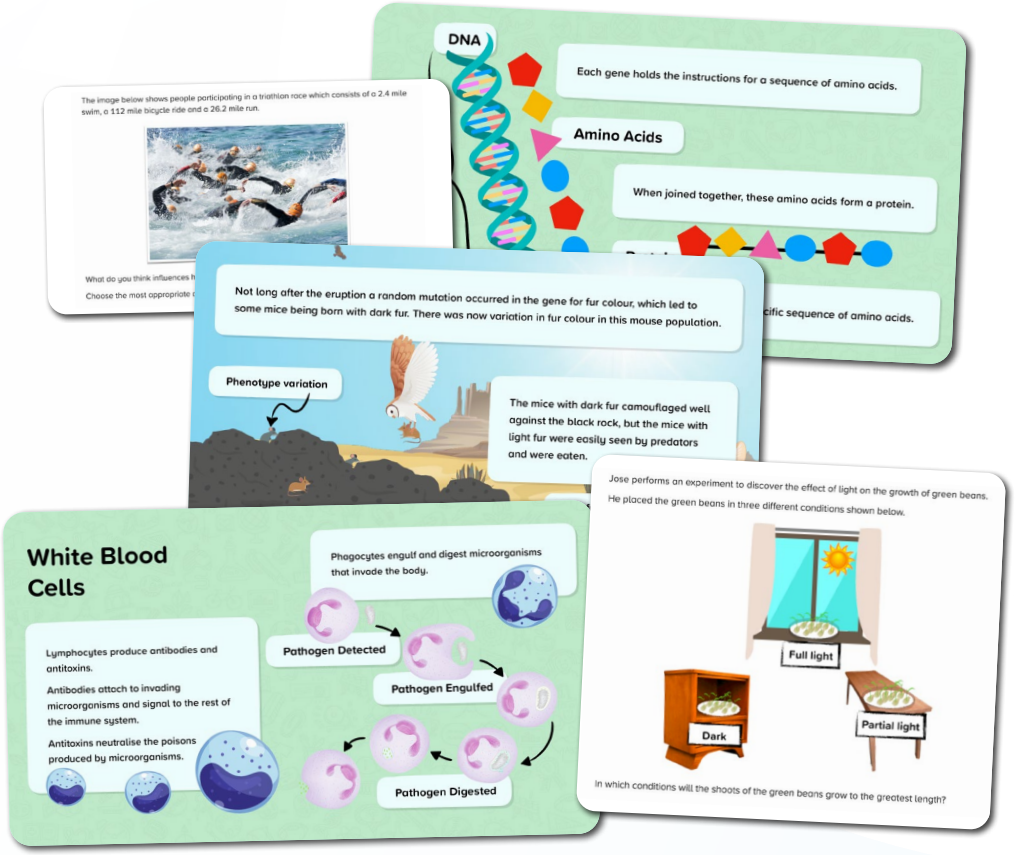
- **Co-ordinated Science IGCSE – Biology (Core)**
- **Co-ordinated Science IGCSE – Biology (Extended)**
- **Co-ordinated Science IGCSE – Chemistry (Core)**
- **Co-ordinated Science IGCSE – Chemistry (Extended)**
- **Co-ordinated Science IGCSE – Physics (Core)**
- **Co-ordinated Science IGCSE – Physics (Extended)**

Download course content

Science Courses

IGCSE Edexcel Biology

These courses were created by our experienced team of science teachers to support learners studying the IGCSE Edexcel Biology scheme of learning.



Biology IGCSE

Human Biology IGCSE

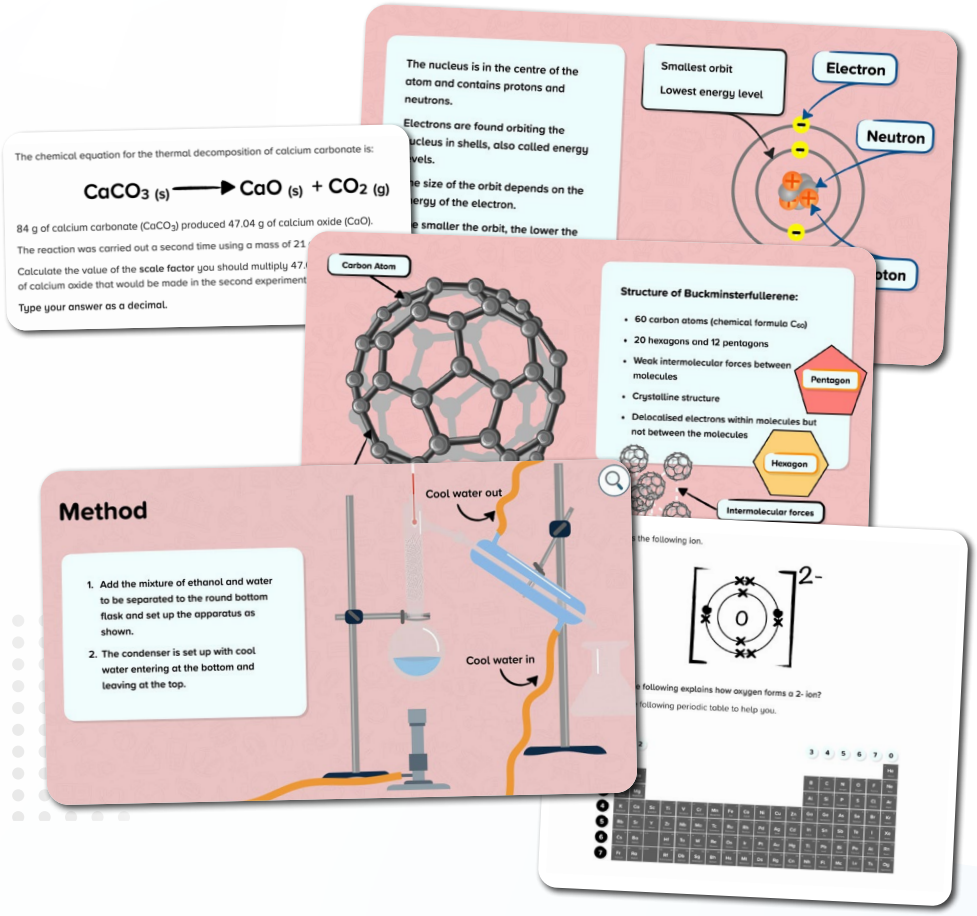
Download course content

Science Courses

IGCSE Edexcel Chemistry

These courses were created by our experienced team of science teachers to support learners studying the IGCSE Edexcel Chemistry scheme of learning.

Chemistry IGCSE



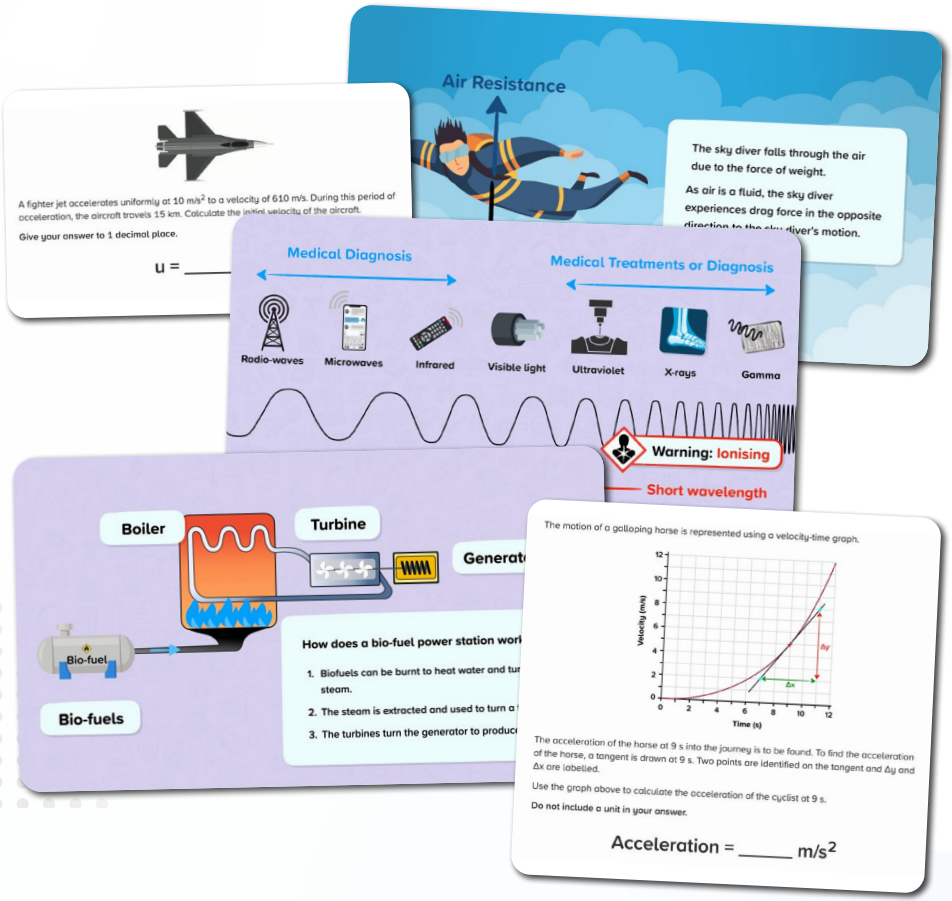
Download course content

Science Courses

IGCSE Edexcel Physics

These courses were created by our experienced team of science teachers to support learners studying the IGCSE Edexcel Physics scheme of learning.

Physics IGCSE

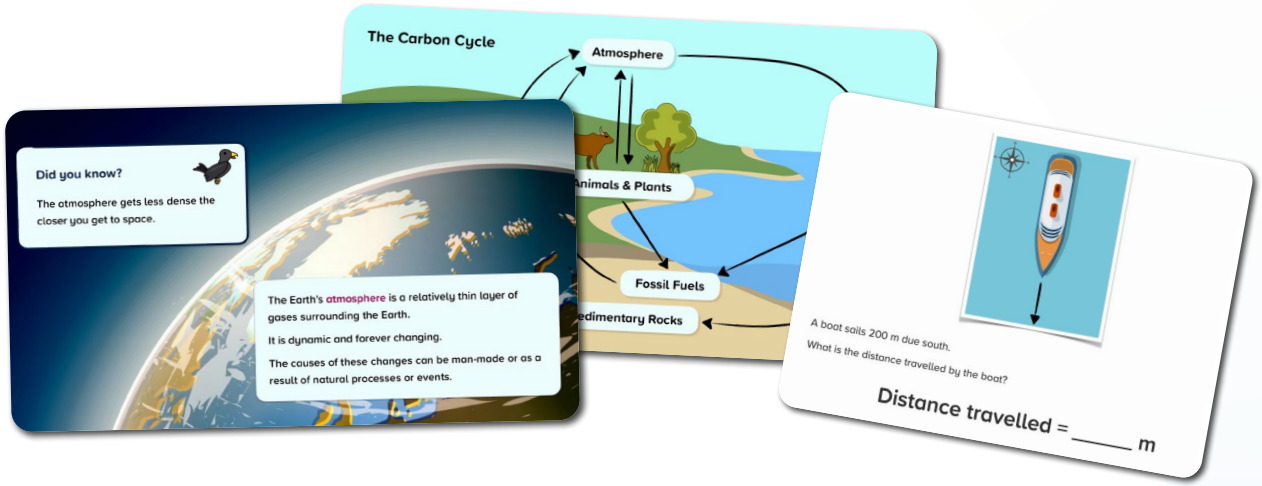


Download course content

Science Courses

IGCSE Edexcel Combined

These courses were created by our experienced team of science teachers to support learners studying the IGCSE Edexcel Combined schemes of learning.



- **Science Combined Single Award IGCSE – Biology**
- **Science Combined Double Award IGCSE – Biology**
- **Science Combined Single Award IGCSE – Chemistry**
- **Science Combined Double Award IGCSE – Chemistry**
- **Science Combined Single Award IGCSE – Physics**
- **Science Combined Double Award IGCSE – Physics**

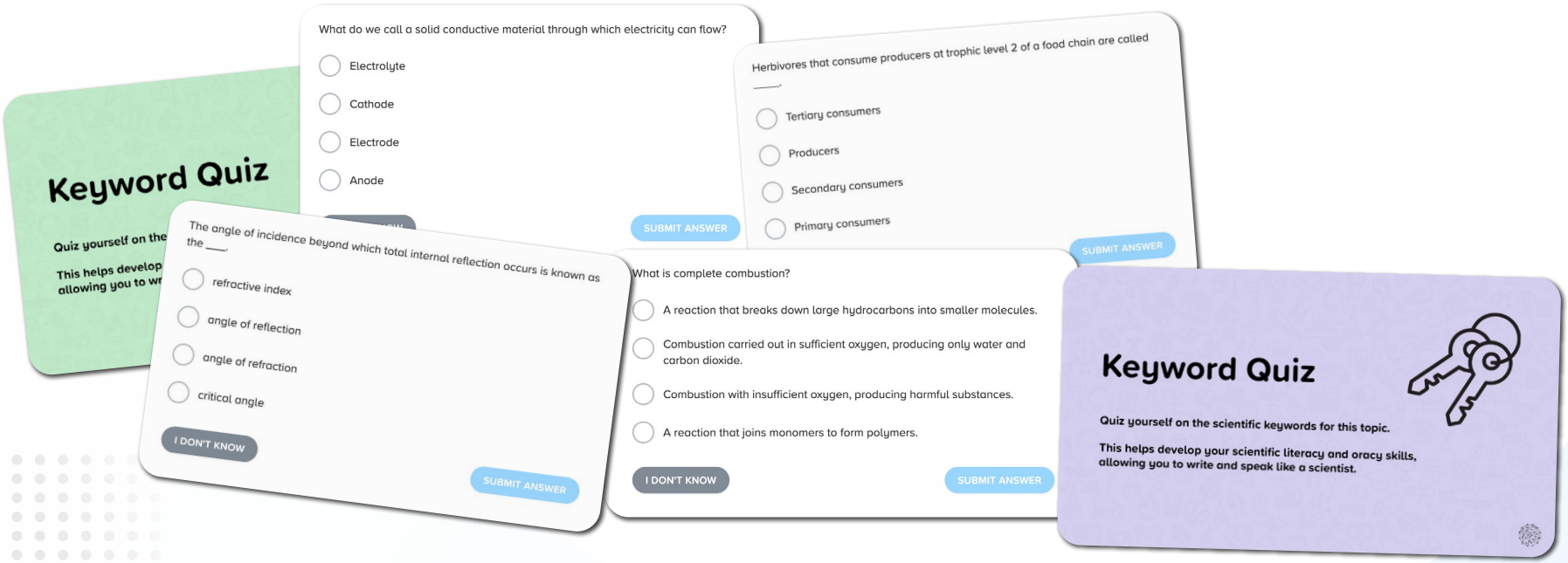
Download course content

Science Courses

Science Keywords Edexcel IGCSE

This course contains assessments from each topic in the IGCSE Edexcel specification to test the spelling and definition of key words.

Science Keywords Edexcel IGCSE



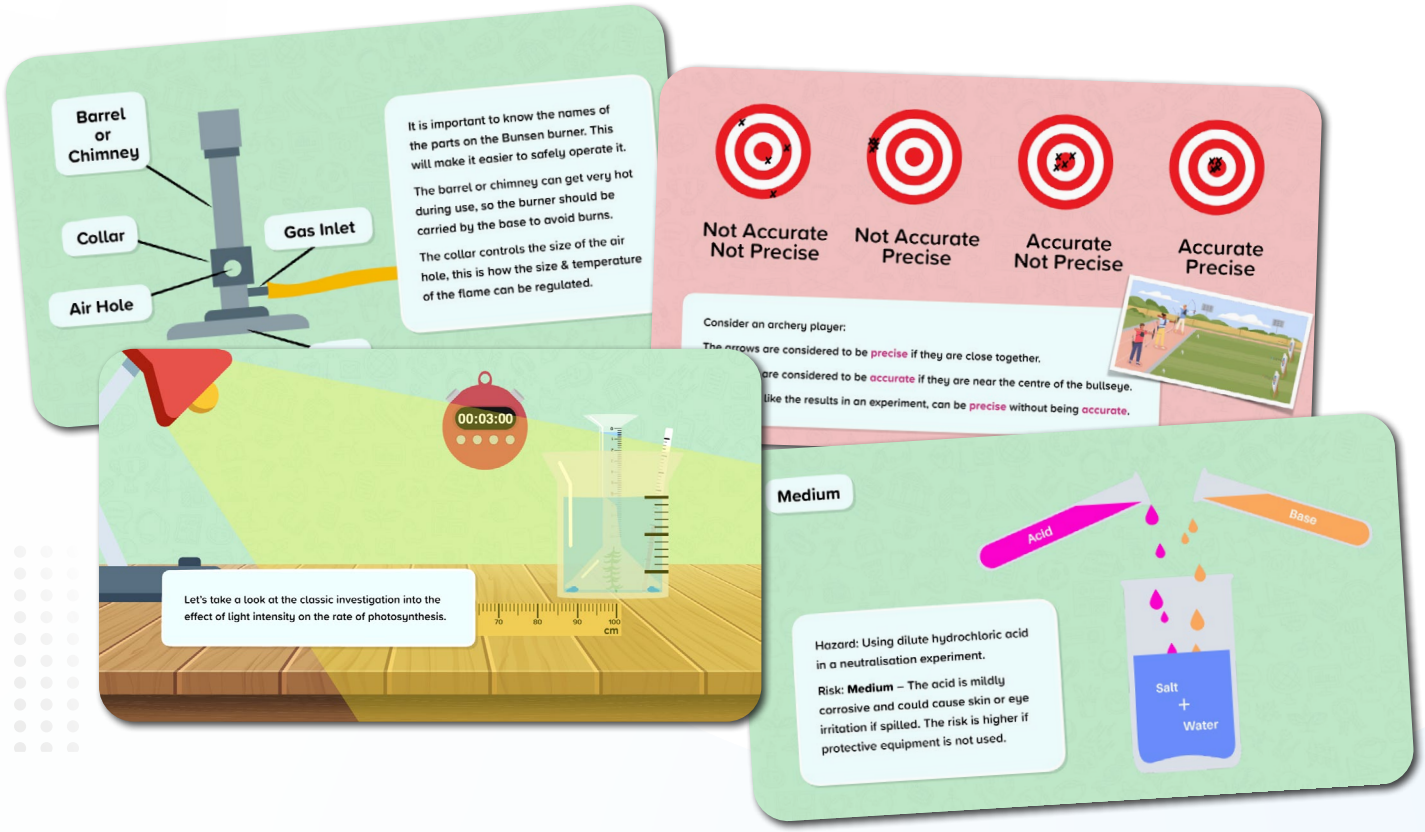
Download course content

Science Courses

Working Scientifically

This course includes scientific skills and ideas that flow through all scientific disciplines. It is suitable for study alongside secondary science subjects.

Working Scientifically

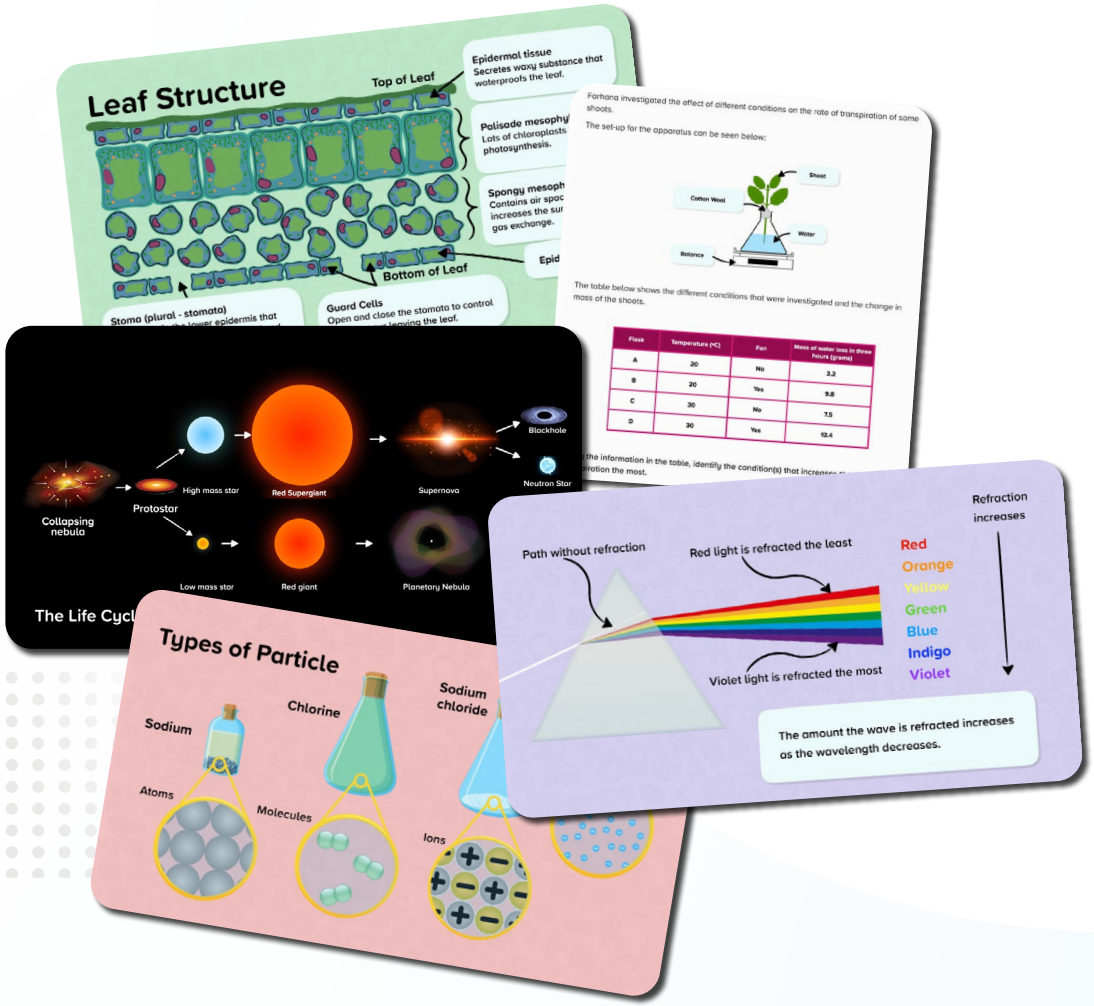


Download course content

Science Courses

Prepare for A-Level Science

These courses covers the key concepts and foundational knowledge to aid transition and preparation to study science at A-level.



Prepare for A-Level: Biology

Prepare for A-Level: Chemistry

Prepare for A-Level: Physics

Download course content

Questions?
Email support@century.tech

CENTURY