August 2023

Curriculum Guide

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?

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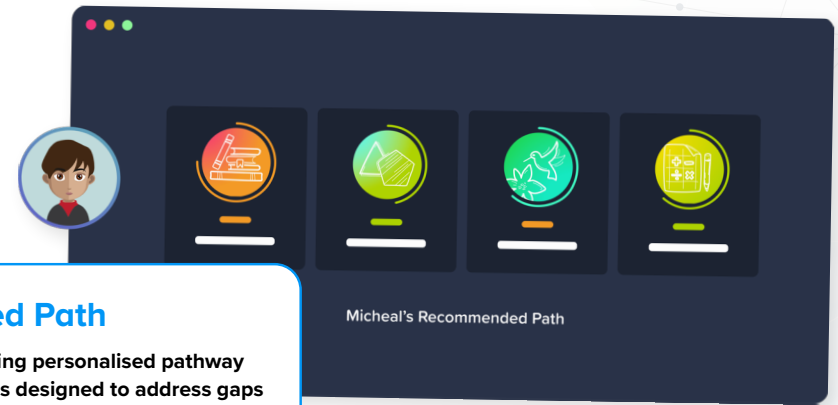
Diagnostics
Learners begin by completing diagnostics that quickly identify knowledge gaps and misconceptions, and help CENTURY recommend the best learning materials for each individual learner.

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 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.

Teacher Dashboard
Overview Markbook Nuggets Assignments Interventions

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

Course Coverage

	Primary					Secondary					Further Eduation	
	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12

English / 11+

- Year 2 SPaG
- Year 3 SPaG
- Year 4 SPaG
- Year 5 SPaG
- Year 6 SPaG
- Year 3&4 Reading Comprehension
- Year 5&6 Reading
- 11+ English
- 11+ Verbal Reasoning
- English Language KS3
- English Language KS3 Reading
- English SPaG Secondary
- English Literature – Shakespeare Courses
- English Language GCSE
- English SPaG GCSE
- English Literature – Poetry
- English Literature – Modern Prose & Drama
- English Literature – 19th-century Novels
- English Second Language IGCSE: Cambridge
- FE English Language GCSE
- FE English SPaG
- Functional Skills (Entry 1)
- Functional Skills (Entry 2)
- Functional Skills (Entry 3)
- Functional Skills (Level 1)
- Functional Skills (Level 2)

Maths

- Year 2 Maths
- Year 3 Maths
- Year 4 Maths
- Year 5 Maths
- Year 6 Maths
- Multiplication Tables
- Year 5 & 6 Arithmetic
- 11+ Verbal Reasoning
- 11+ Non-Verbal Reasoning
- Mathematics Secondary (F+)
- Mathematics Secondary (F)
- Mathematics Secondary (H)
- Mathematics IGCSE: Cambridge (Core)
- Mathematics IGCSE: Cambridge (Extended)
- Mathematics IGCSE: Edexcel (F)
- Mathematics IGCSE: Edexcel (H)
- Bridge to A-Level
- FE Maths GCSE (F)
- FE Maths GCSE (H)
- Functional Skills (Entry 1)
- Functional Skills (Entry 2)
- Functional Skills (Entry 3)
- Functional Skills (Level 1)
- Functional Skills (Level 2)

Science

- Year 3 Science
- Year 4 Science
- Year 5 Science
- Year 6 Science
- KS2 Science
- KS3 – Biology, Chemistry & Physics
- GCSE (H) – Biology, Chemistry, Physics & Practicals
- GCSE AQA (F) & (H) – Biology, Chemistry & Physics
- GCSE AQA Trilogy (F) & (H) – Biology, Chemistry & Physics
- GCSE AQA Synergy (H) & (F) – Life & Environmental Sciences & Physical Sciences
- ELC+ Double Award – AQA
- IGCSE Edexcel – Biology, Chemistry & Physics
- Double Award IGCSE Edexcel – Biology, Chemistry & Physics

Geography

- Geography GCSE: AQA

PE

- Physical Education GCSE: AQA

Digital Skills

- Digital Skills Secondary
- Digital Skills (Entry 3)
- Digital Skills (Level 1)

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Customer Hub

11+ Courses

Our primary 11+ offering includes English, maths, verbal and non-verbal reasoning courses. These courses help students to prepare for their senior school entrance tests, including those produced by GL, CEM, and ISEB.

To get a more in-depth view of the content and structure of these courses, download our 11+ Course Content Guide from the customer hub.
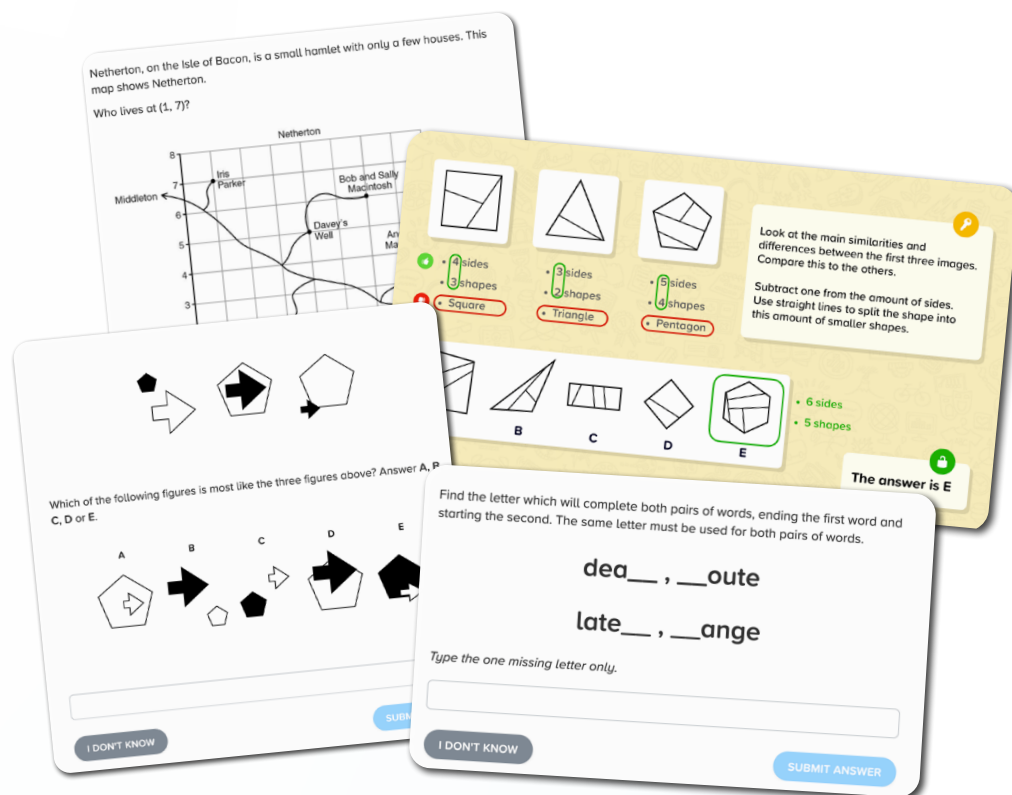
Primary – 11+ Verbal Reasoning

Diagnostics: 3   Strands: 6   Nuggets: 21

Primary – 11+ Non-Verbal Reasoning

Diagnostics: 2   Strands: 6   Nuggets: 21

Primary – 11+ English: ISEB

Diagnostics: 2   Strands: 6   Nuggets: 66

Primary – 11+ English: GL

Diagnostics: 2   Strands: 6   Nuggets: 66

Primary – 11+ Mathematics

Diagnostics: 10   Strands: 17   Nuggets: 253

English Courses

Primary

Primary SPaG →

Primary – Year 2 SPaG

Primary – Year 3 SPaG

Primary – Year 4 SPaG

Primary – Year 5 SPaG

Primary – Year 6 SPaG

Primary Reading →

Primary – Year 3-4 Reading Comprehension

Primary – Year 5-6 Reading

Secondary

Secondary English Language KS3 →

English Language KS3

English Language KS3 Reading

English SPaG Secondary

Secondary English Language GCSE →

English Language GCSE

English Language GCSE: AQA

English Language GCSE: Edexcel

English Language GCSE: Eduqas

English Language IGCSE: Cambridge

English Language IGCSE: Edexcel B

English Language GCSE: Edexcel 2.0 Lift

English SPaG GCSE

English Language – Gothic Reading →

English Language – Gothic Reading

Secondary English Literature - 19th-century Novels →

English Literature – A Christmas Carol

English Literature – Jekyll and Hyde

English Literature – The Sign of the Four

Secondary English Literature - Poetry →

English Literature Poetry – Love & Relationships: AQA

English Literature Poetry – Power & Conflict: AQA

English Literature Poetry – Power & Conflict: Edexcel

English Literature Poetry – Unseen Poetry

Secondary English Literature - Shakespeare →

English Literature – A Midsummer Night's Dream

English Literature – Macbeth

English Literature – Much Ado About Nothing

English Literature – Romeo and Juliet

Secondary English Literature - Modern Prose & Drama →

English Literature – An Inspector Calls

English Literature – Animal Farm

English Literature – Blood Brothers

English as a Second Language →

English Second Language IGCSE: Cambridge

Further Education

English Courses: Further Education English Language GCSE →

FE – English Language GCSE

FE – English Language GCSE: AQA

FE – English Language GCSE: Edexcel

FE – English Language GCSE: Eduqas

FE – English SPaG

English Courses - Functional Skills →

FE – English Functional Skills (Entry 1)

FE – English Functional Skills (Entry 2)

FE – English Functional Skills (Entry 3)

FE – English Functional Skills (Level 1)

FE – English Functional Skills (Level 2)

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Curriculum Overview   Customer Hub

English Courses

Primary SPaG

Our primary English offering includes both SPaG and reading courses for years 3 to 6. There is a specific SPaG course for each year group, but they also include prerequisite learning from previous years.

To get a more in-depth view of the content and structure of these courses, download our Primary English Course Content Guide from the customer hub.

Primary – Year 2 SPaG
Diagnostics: 7   Strands: 11   Nuggets: 74

Primary – Year 3 SPaG
Diagnostics: 7   Strands: 12   Nuggets: 81

Primary – Year 4 SPaG
Diagnostics: 7   Strands: 12   Nuggets: 90

Primary – Year 5 SPaG
Diagnostics: 7   Strands: 15   Nuggets: 132

Primary – Year 6 SPaG
Diagnostics: 7   Strands: 16   Nuggets: 146

Match these words from the sentence below to their correct word class.

A curious penguin slipped on the ice.

curious   penguin   slipped

Possible Answers

Adjective   Adverb   No...

Pronoun   Conjunction   Ve...

Introduction to Poetry

Poetic Structure

Key terms

Line - A single row of words in a poem.
Line Break - Where each line of text ends.
Verse/ Stanza - A group of lines in a poem, a bit like a paragraph.
Repetition - Lines or words which are repeated.

Extract from 'Buckingham Palace' - A.A.Milne

They're changing guard at Buckingham Palace
Christopher Robin went down with Alice.
Alice is marrying one of the guards.
"A soldier's life is terrible hard,"
Says Alice.

They're changing guard at Buckingham Palace
Christopher Robin went down with Alice.
We saw a guard in a sentry-box.
"One of the sergeants looks after their socks."
Says Alice.

Adjectives

An adjective adds meaning to a noun.
The adjective tells you more about the noun.

old   boat

Adjectives can appear before or after the noun in a sentence.
Adjectives can compare different nouns.

The furry monster is kinder than the one-eyed monster.

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Curriculum Overview   English Overview   Customer Hub

English Courses

Primary Reading

We have a reading comprehension course for years 3 and 4, as well as a separate reading course for years 5 and 6 which focuses on specific reading skills.

To get a more in-depth view of the content and structure of these courses, download our **Primary English Course Content Guide** from the customer hub.

Primary – Year 3-4 Reading Comprehension
Diagnostics: 7   Strands: 12   Nuggets: 81

Primary – Year 5-6 Reading
Diagnostics: 7   Strands: 12   Nuggets: 81

Life Cycles of Plants and Animals

Butterflies don't start life as the beautiful winged creatures we all think of. They start life as an egg like many other insects, laid by an adult female butterfly. You can actually see the tiny caterpillar inside the eggs of some species! From this egg hatches a caterpillar, which is an eating machine! They spend most of their time eating in order to gain strength for the next phase. In fact, they normally eat the whole leaf they are hatched on. When they have reached their full size, they form themselves into a chrysalis, also known as a pupa. Inside their chrysalis, the caterpillar undergoes a complete transformation. It grows wings, new organs and then emerges fully formed as an adult butterfly.

Which statement includes two events?

○ Caterpillars form themselves into a chrysalis. They then emerge butterflies.

○ From this egg hatches a caterpillar. Caterpillars are eating ma

○ They start life as an egg like many other insects. They are lai female butterfly.

○ Inside their chrysalis, the caterpillar undergoes a complete t

I DON'T KNOW

YOUR TURN

Q   Which word is a synonym of 'enchanting' in this sentence?

Everyone agreed that they ere enchanting children. one had a bad word to about them!

Naughty

Clever

Oliver balanced on the edge of his track. He reached around Henry's leg and pulled as hard as he could. Together, they wrestled one foot and then the other out of the thick mud. Henry was free.

Now for the bike. Henry took off his jacket and tied it around the back wheel. Using all their strength, the boys pulled hard and slowly freed the bike. Cold, tired, and caked in mud, the boys slowly wheeled the bike back over the track.

Henry and Oliver woke up early and ran downstairs to have their breakfast. The boys had heard about a new cycle track in the woods. They couldn't wait to try it out. They were so excited that they hadn't noticed it was raining. Outside, it was gushing down.

"We can't go out in this weather," said their mum. "It's far too wet. You'll have to wait until later."

"OK," said the boys. "We'll wait."

What were the boys excited about?

○ playing in the rain

○ trying out the new bike track

✗ waking up early

○ eating their breakfast

Incorrect
This was not the reason that they were excited. Read the first paragraph carefully.

🔑 **Correct Answer**

NEXT QUESTION

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English Courses

English Language KS3

Our KS3 English Language courses cover reading and writing skills across both fiction and non-fiction, including language, structure, analysis, text types and writing for purpose.

To get a more in-depth view of the content and structure of these courses, download our Secondary English Course Content Guide from the customer hub.

English Language KS3
Diagnostics: 5   Strands: 12   Nuggets: 69

English Language KS3 Reading
Diagnostics: 3   Strands: 8   Nuggets: 36

English SPaG Secondary
Diagnostics: 4   Strands: 8   Nuggets: 88

English Language – Gothic Reading
Strands: 6   Nuggets: 30

Structuring your writing
- Use a range of sentence structures and sentence lengths.
- Use paragraphs to organise your

Dear Sir/ Madam,
I am writing to apply for the position of waiter at The Cafe on Saturdays.

Firstly, I would like to begin by stating how much I love The Cafe and that I would very much enjoy working here. I have always lived just down the road and have frequently visited The Cafe. The food is always delicious, the staff are unfailingly friendly and it is my favourite place to meet a friend for a cup of tea. I would make it my mission to help create the warm and welcoming atmosphere that I have always enjoyed so much.

Secondly, I think that I would make an excellent addition to the staff. I am a very confident and friendly person. I like to make the customers feel welcome from the moment they ... they left. I am a hard-worker, organised and reliable.

...g to apply to a hospitality and tourism course, so ...ain at The Cafe would be invaluable to me.

1 Comparatives and Superlatives

Comparatives are used to compare two things.

Superlatives are used to compare one thing with everything else in that group.

💡 **Did you know?**

Most adjectives have three forms: the absolute, the comparative and the superlative. You can often find these forms in a dictionary if they do not fit the regular pattern.

CLEVER - adjective (cleverer, cleverest)

Jane is taller than John.

She is the best sister!

He is mo...

Tha...

Choose the simile below.

○ The night sky was as black as coal.

○ The sky was sunny and clear.

✕ There was a blanket of fog in the sky.

○ It was such a sunny day. In fact, it was the sunniest day of the summer so far.

Incorrect

No, this is a metaphor, not a simile. Remember to look out for the words 'like' and 'as' when deciding if a sentence includes a simile!

🔑 correct answer

NEXT QUESTION

...our seasons can symbolise different stages of life:

...ring
...sents childhood:
...e children are
...g up, plants and
...begin to grow.

Autumn
symbolises old age: the leaves on the trees turn golden brown, preparing to fall.

...mmer
...ses adulthood:
...each maturity -
...in full bloom.

Winter
represents death: all the trees are bare and all plant life is, essentially, dead.

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Curriculum Overview   English Overview   Customer Hub

English Courses

Secondary English Language GCSE

Our GCSE English Language courses cover reading and writing skills across both fiction and non-fiction, including language, structure, analysis, text types and writing for purpose.

To get a more in-depth view of the content and structure of these courses, download our Secondary English Course Content Guide from the customer hub.

English Language GCSE
Diagnostics: 11   Strands: 10   Nuggets: 105

English Language GCSE: AQA
Diagnostics: 14   Strands: 12   Nuggets: 119

English Language GCSE: Edexcel
Diagnostics: 12   Strands: 12   Nuggets: 123

English Language GCSE: Eduqas
Diagnostics: 12   Strands: 12   Nuggets: 133

English Language GCSE: Edexcel 2.0 Lift
Diagnostics: 2   Strands: 10   Nuggets: 81

English Language IGCSE: Cambridge
Diagnostics: 4   Strands: 9   Nuggets: 122

English Language IGCSE: Edexcel B
Diagnostics: 5   Strands: 10   Nuggets: 127

English SPaG GCSE
Diagnostics: 4   Strands: 8   Nuggets: 88

English Courses

Secondary English Literature – Shakespeare

Our literature courses explore plot, characters, themes, context, language, structure, form, and are suitable for all exam boards.

To get a more in-depth view of the content and structure of these courses, download our Secondary English Course Content Guide from the customer hub.

A Midsummer Night's Dream

Diagnostics: 3　　**Strands: 5**　　**Nuggets: 31**

Macbeth

Diagnostics: 10　　**Strands: 11**　　**Nuggets: 56**

Much Ado About Nothing

Diagnostics: 3　　**Strands: 6**　　**Nuggets: 48**

Romeo and Juliet

Diagnostics: 9　　**Strands: 11**　　**Nuggets: 70**

CENTURY

Curriculum Overview　　English Overview　　Customer Hub

English Courses

Secondary English Literature – Modern Prose & Drama

Our literature courses explore plot, characters, themes, context, language, structure, form, and are suitable for all exam boards.

To get a more in-depth view of the content and structure of these courses, download our Secondary English Course Content Guide from the customer hub.

An Inspector Calls
Diagnostics: 5   Strands: 6   Nuggets: 33

Animal Farm
Diagnostics: 4   Strands:7   Nuggets: 45

Blood Brothers
Diagnostics: 3   Strands: 5   Nuggets: 33

When Mickey and Edward meet, what does Edward give Mickey?

- a shoe
- a piece of paper
- a sweet
- a cigarette

I DON'T KNOW

The boys continue to talk. Their different upbringing and education are immediately clear. Mickey shares swear words with Edward, who says he will "look it up in the dictionary" when he gets home.

Mickey tells Edward that Sammy suffered a head injury when he was a baby when he fell out of a window.

Mickey and Edward quickly become friends.

They realise they share a birthday. Mickey tells Edward this means they can be "blood brothers", so the boys each make a cut in [...] and then clasp their hands

Language

The differences in Mickey and Edward's language highlight the differences in their class. Mickey uses swear words like "pissed off", whereas Edward uses typically middle class words, such as "smashing".

Edward   Mickey

All animals are equal but some animals are more equal than others
Chapter ten

Analysis

By the end of the novel, there is no equality left on the farm.

The pigs have assumed complete control.

In the final commandment, we see how the pigs use language to trick the other animals into thinking that there is still equality on the farm. However, it is clear the pigs hold all the power.

The new commandment shows that any dreams of equality have disappeared.

Squealer   Napoleon

In chapter two, the reader first meets Napoleon.
What are our first impressions of this character?

- He is a quick, smart character who is always thinking up new ideas.
- ✓ He is quite an aggressive, intimidating bully.
- He is a dishonest character who can twist the truth.
- He is quite an impressive, likeable character.

Correct
Yes, he's described as "fierce-looking" with "a reputation for getting his own way".

NEXT QUESTION

CENTURY

Curriculum Overview   English Overview   Customer Hub

English Courses

Secondary English Literature – 19th-century Novels

Our literature courses explore plot, characters, themes, context, language, structure, form, and are suitable for all exam boards.

To get a more in-depth view of the content and structure of these courses, download our Secondary English Course Content Guide from the customer hub.

A Christmas Carol
Diagnostics: 4   **Strands: 15**   **Nuggets: 38**

Jekyll and Hyde
Diagnostics: 4   **Strands:5**   **Nuggets: 38**

The Sign of the Four
Diagnostics: 4   **Strands: 4**   **Nuggets: 29**

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Curriculum Overview   English Overview   Customer Hub
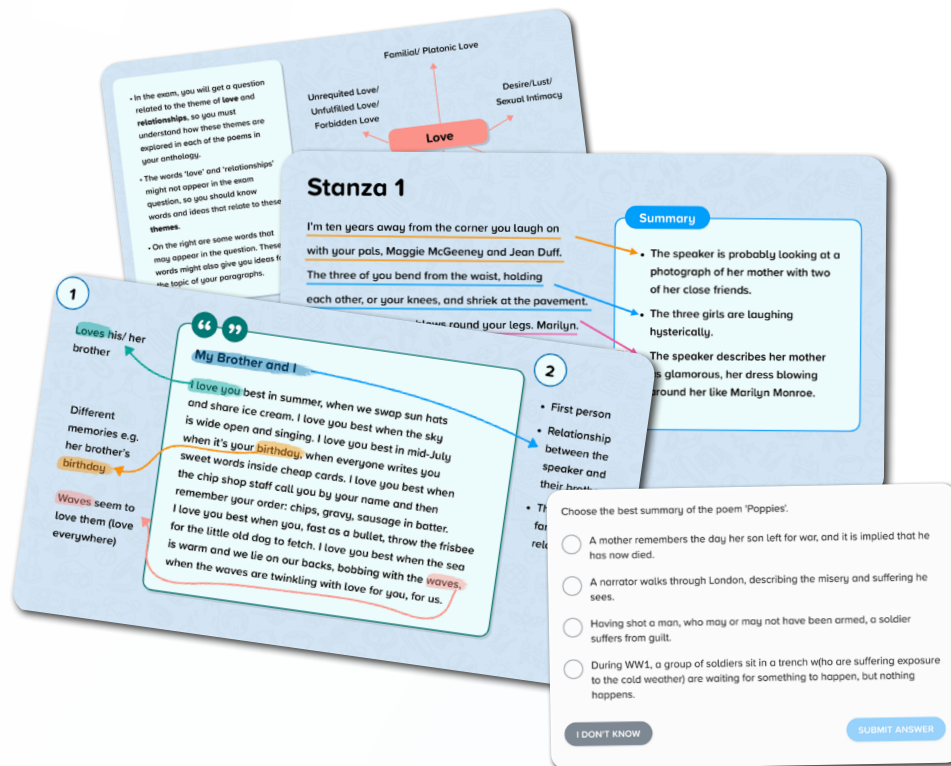
English Courses

Secondary English Literature – Poetry

Our literature courses explore plot, characters, themes, context, language, structure, form, and are suitable for all exam boards.

To get a more in-depth view of the content and structure of these courses, download our Secondary English Course Content Guide from the customer hub.

English Literature Poetry – Love & Relationships: AQA
Diagnostics: 3   Strands: 16   Nuggets: 46

English Literature Poetry – Power & Conflict: AQA
Diagnostics: 34   Strands:1 1   Nuggets: 47

English Literature Poetry – Power & Conflict: Edexcel
Diagnostics: 3   Strands: 11   Nuggets: 46

English Literature Poetry – Unseen Poetry
Diagnostics: 3   Strands: 11   Nuggets: 46

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English Courses

Second Language

Our Cambridge IGCSE English Second Language course covers reading, writing and listening skills.

English Second Language IGCSE: Cambridge

Diagnostics: 4   **Strands: 7**   **Nuggets: 66**

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2 Look for clues in the text.

The ball is in your court.

Explanation

This means it is your turn to act or speak.

Don't judge a book by its cover

Explanation

This means you judge things by the way they

The writer says that they work with 'aircrafts' and 'spacecrafts'. This is a clue about their job. An aerospace engineer works with aircrafts and spacecrafts.

I work as an 'aerospace for three years at u relocating to London

When I talk to people am often asked if I w but I work with aircr

Working out the Meaning of Words

In an exam, you aren't going to know the meaning of every word.

Sometimes, you will need to break down the word.

Sometimes, you will need to work out meaning using clues from the text.

This will help you make sense of unfamiliar words.

Play the video and listen to the short recording. Read the question and choose the correct answer.

▶ 0:00 / 0:24

Which special guest will be visiting today?

○
○
○
○

Read the text and answer the question.

The Sahara is the largest desert in the world and is located in North Africa. The Sahara Desert consists largely of sand dunes, mountains, plateaus, sand and gravel covered plains. Most lakes and rivers found in the Sahara are seasonal, besides the River Nile.

The lakes and rivers in the Sahara Desert are described as being 'seasonal'. What does 'seasonal' mean?

○ remaining the same each season

○ relating to the homes of animals

○ changing depending on the time of year

○ relating to the size

I DON'T KNOW   SUBMIT ANSWER

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Curriculum Overview   English Overview   Customer Hub

English Courses

Further Education English Language GCSE

Our GCSE courses are designed to give learners access to a range of reading and writing skills, and expose learners to model answers demonstrating these skills in practice.

The courses include nuggets on language and structure, text types, purposes for writing, how to analyse texts and exam-specific questions.

To get a more in-depth view of the content and structure of these courses, download our FE English Course Content Guide from the customer hub.
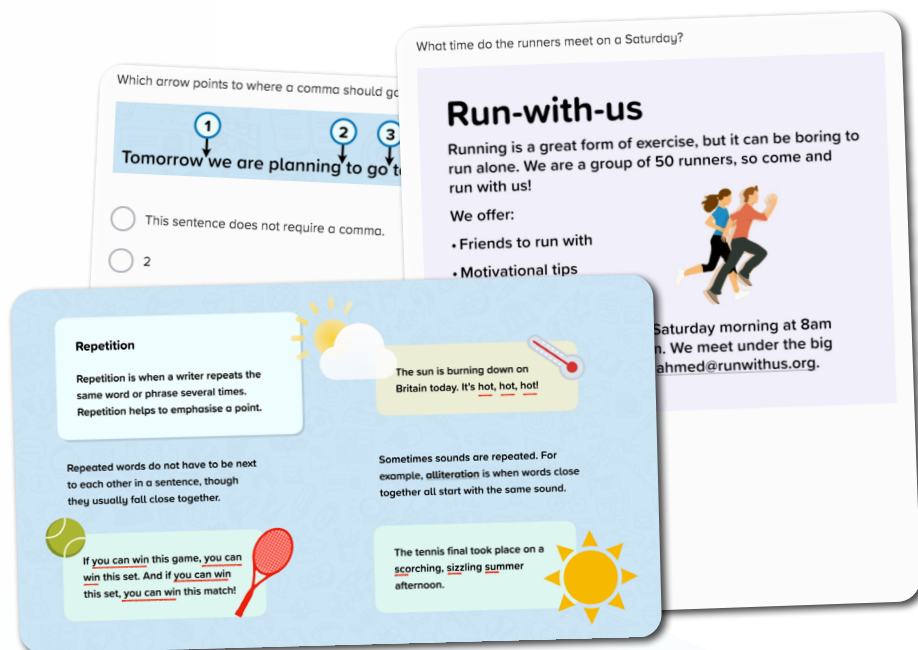
FE – English Language GCSE
Diagnostics: 3   **Strands: 11**   **Nuggets: 112**

FE – English Language GCSE: AQA
Diagnostics: 4   **Strands: 13**   **Nuggets: 126**
8700 (QAN: 601/4292/3)

FE – English Language GCSE: Edexcel
Diagnostics: 4   **Strands: 13**   **Nuggets: 130**
1EN0 (QAN: 601/4836/6)

FE – English Language GCSE: Eduqas
Diagnostics: 4   **Strands: 13**   **Nuggets: 128**
C700QS (QAN: 601/4505/5)

FE – English Language GCSE: Edexcel 2.0 Lift
Diagnostics: 3   **Strands: 11**   **Nuggets: 81**
1EN2 (QAN: 603/7223/0)

FE – English SPaG
Diagnostics: 1   **Strands: 8**   **Nuggets: 82**

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English Courses
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.

To get a more in-depth view of the content and structure of these courses, download our FE English Course Content Guide from the customer hub.

FE – English Functional Skills (Entry 1)
Strands: 1   Nuggets: 15

FE – English Functional Skills (Entry 2)
Strands: 2   Nuggets: 30

FE – English Functional Skills (Entry 3)
Diagnostics: 3   Strands: 7   Nuggets: 49

FE – English Functional Skills (Level 1)
Diagnostics: 3   Strands: 7   Nuggets: 53

FE – English Functional Skills (Level 2)
Diagnostics: 3   Strands: 9   Nuggets: 70

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Curriculum Overview   English Overview   Customer Hub

Mathematics Courses

Primary

Mathematics Courses - Primary - Year Group Specific →

Primary – Year 2 Mathematics

Primary – Year 3 Mathematics

Primary – Year 4 Mathematics

Primary – Year 5 Mathematics

Primary – Year 6 Mathematics

Mathematics Courses - Primary - Additional Courses →

Primary – Multiplication Tables

Primary – Year 5-6 Arithmetic

Secondary

Mathematics Courses - Secondary →

Mathematics Secondary (F)

Mathematics Secondary (F+)

Mathematics Secondary (H)

Mathematics Courses - IGCSE →

Mathematics – Bridge to A-Level

Mathematics IGCSE: Cambridge (Core) 2024

Mathematics IGCSE: Cambridge (Extended) 2024

Mathematics IGCSE: Cambridge (Core) 2025+

Mathematics IGCSE: Cambridge (Extended) 2025+

Mathematics IGCSE: Edexcel (F)

Mathematics IGCSE: Edexcel (H)

Further Education

Mathematics Courses: Further Education GCSE →

FE – Mathematics GCSE (F)

FE – Mathematics GCSE (H)

Mathematics Courses - Functional Skills →

FE – Mathematics Functional Skills (Entry 1)

FE – Mathematics Functional Skills (Entry 2)

FE – Mathematics Functional Skills (Entry 3)

FE – Mathematics Functional Skills (Level 1)

FE – Mathematics Functional Skills (Level 2)

Mathematics Courses

Primary – Year Group Specific

Our primary mathematics offering includes specific courses for each year group, from years 3 to 6.

To get a more in-depth view of the content and structure of these courses, download our Primary Mathematics Course Content Guide from the customer hub.
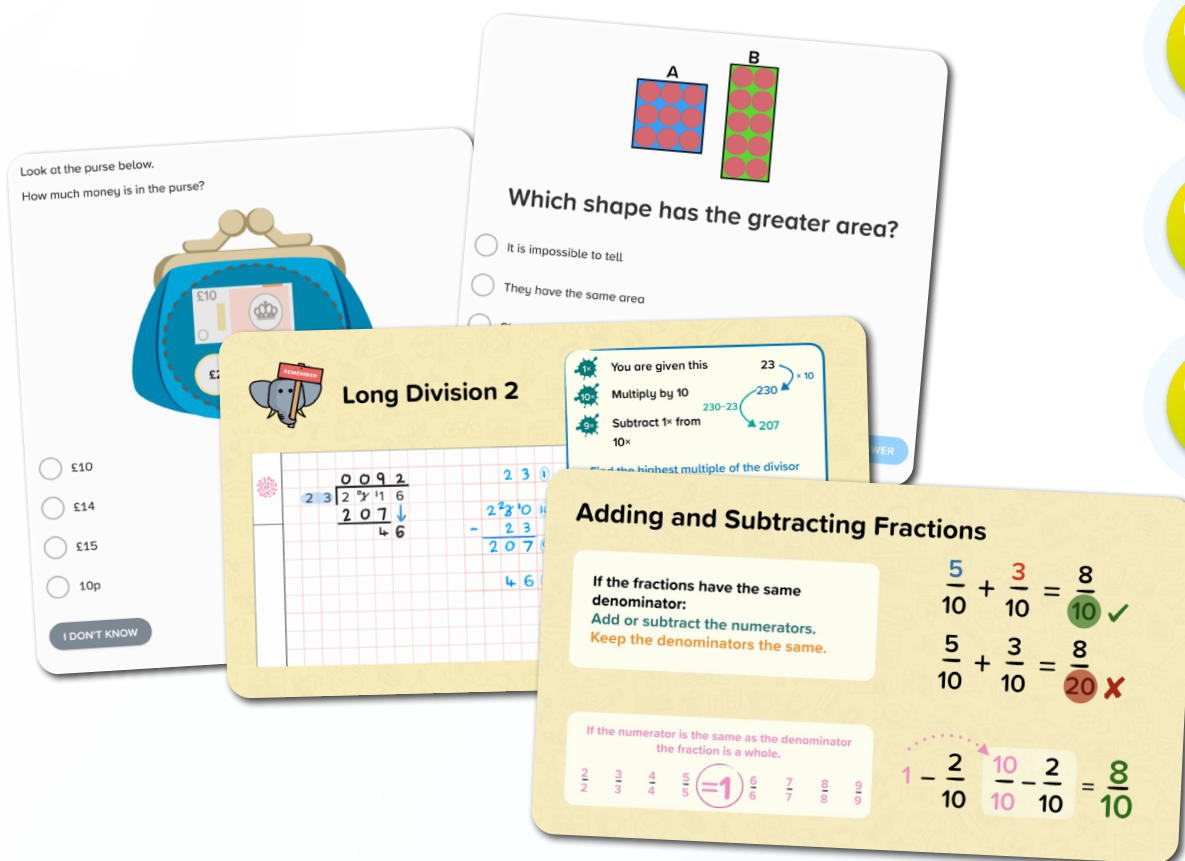
Primary – Year 2 Mathematics
Diagnostics: 9   Strands: 10   Nuggets: 87

Primary – Year 3 Mathematics
Diagnostics: 9   Strands: 11   Nuggets: 131

Primary – Year 4 Mathematics
Diagnostics: 10   Strands: 12   Nuggets: 206

Primary – Year 5 Mathematics
Diagnostics: 10   Strands: 12   Nuggets: 206

Primary – Year 6 Mathematics
Diagnostics: 17   Strands: 18   Nuggets: 272

Look at the purse below.
How much money is in the purse?
- £10
- £14
- £15
- 10p

I DON'T KNOW

Which shape has the greater area?
- It is impossible to tell
- They have the same area

Long Division 2

You are given this   23 × 10
Multiply by 10   230
Subtract 1× from   230–23
10×   207

Adding and Subtracting Fractions

If the fractions have the same denominator:
Add or subtract the numerators.
Keep the denominators the same.

$$\frac{5}{10} + \frac{3}{10} = \frac{8}{10} ✓$$

$$\frac{5}{10} + \frac{3}{10} = \frac{8}{20} ✗$$

If the numerator is the same as the denominator the fraction is a whole.

$$\frac{2}{2} \quad \frac{3}{3} \quad \frac{4}{4} \quad \frac{5}{5} =1 \quad \frac{6}{6} \quad \frac{7}{7} \quad \frac{8}{8} \quad \frac{9}{9}$$

$$1 - \frac{2}{10} = \frac{10}{10} - \frac{2}{10} = \frac{8}{10}$$

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Curriculum Overview   Maths Overview   Customer Hub

Mathematics Courses
Primary – Additional Courses

In addition to our dedicated year group courses, we also have a multiplication tables course, which is suitable for all year groups, and an arithmetic course which is suitable for years 5 and 6.

To get a more in-depth view of the content and structure of these courses, download our Primary Mathematics Course Content Guide from the customer hub.

Primary – Multiplication Tables

Diagnostics: 1   Strands: 6   Nuggets: 52

Primary – Year 5-6 Arithmetic

Diagnostics: 8   Strands: 9   Nuggets: 60

Curriculum Overview   Maths Overview   Customer Hub

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Mathematics Courses

Secondary

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

To get a more in-depth view of the content and structure of these courses, download our Secondary Mathematics Course Content Guide from the customer hub.

Mathematics Secondary (F)

Diagnostics: 10   Strands: 51   Nuggets: 675

Mathematics Secondary (H)

Diagnostics: 21   Strands: 63   Nuggets: 961

Mathematics Secondary (F+)

Diagnostics: 13   Strands: 54   Nuggets: 758

The diagram below shows the plan view, front elevation, and side elevation of a 3D solid.

Plan   Front   Side

Select the correct solid. The arrow is pointing at the front elevation.

A   B   C   D

A florist sells bouquets of flowers, she has to buy the flowers so that she can sell them. It costs her £6 to buy the flowers for a small bouquet (x), and it costs her £9 to buy the flowers for a large bouquet (y). She has £126 to spend on flowers. She needs to sell at least half as many large bouquets as small bouquets. She must sell a minimum of 3 small bouquets.

She sells large bouquets for £50 and small bouquets for £40. She wants to make at least £520 revenue.

Which vertex on the region will give the maximum profit?

Q Work out the length of AB on the following diagram:

$$AE \times BE = CE \times DE$$
$$6 \times (x+6) = 12 \times 9$$
$$6(x+6) = 108$$
$$x + 6 = 18$$

6cm   9cm   12cm

AE = 6cm
CE = 12 cm
DE = 9 cm

A

...the circumference of a circle.
...ter of the circle.
...are (5, −2)
...are (−2, −2)
...e circle?
...1 decimal place.
...us²

1cm

Curriculum Overview   Maths Overview   Customer Hub

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Mathematics Courses

IGCSE

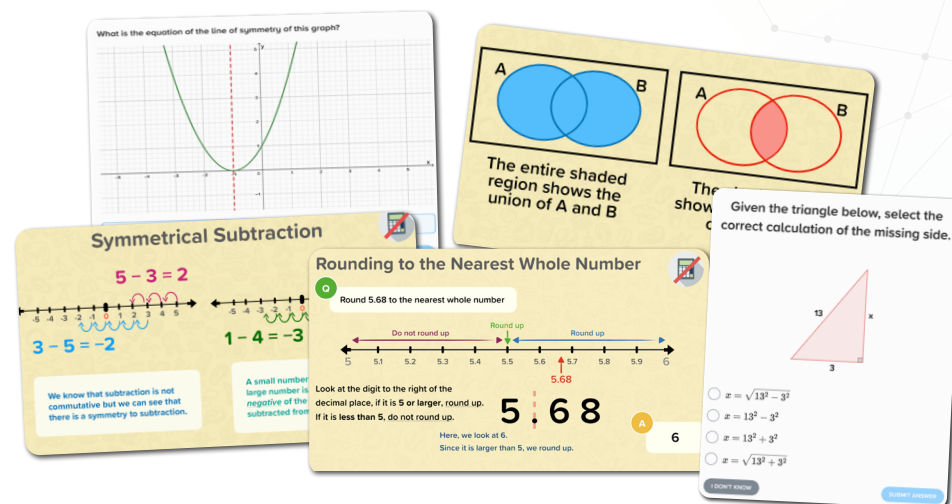Courses suitable for all GCSE specifications:

Edexcel: 1MA1 (QAN: 601/4700/3)

AQA: 8300 (QAN: 601/4608/4)

OCR: J560 (QAN: 601/4606/0)

Eduqas: C300P (QAN: 601/5503/6)

To get a more in-depth view of the content and structure of these courses, download our Secondary Mathematics Course Content Guide from the customer hub.

Mathematics IGCSE: Edexcel (F)
Diagnostics: 10   Strands: 51   Nuggets: 658

Mathematics IGCSE: Edexcel (H)
Diagnostics: 22   Strands: 64   Nuggets: 929

Mathematics – Bridge to A-Level
Diagnostics: 10   Strands: 36   Nuggets: 433

Mathematics IGCSE: Cambridge (Core) 2024
Diagnostics: 81   Strands: 59   Nuggets: 672

Mathematics IGCSE: Cambridge (Extended) 2024
Diagnostics: 138   Strands: 72   Nuggets: 991

Mathematics IGCSE: Cambridge (Core) 2025+
Diagnostics: 81   Strands: 59   Nuggets: 672

Mathematics IGCSE: Cambridge (Extended) 2025+
Diagnostics: 138   Strands: 72   Nuggets: 982

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Mathematics Courses

Further Education GCSE

Our FE GCSE courses are adapted from our secondary courses, with adult learners in mind. The courses have diagnostics which are designed to quickly identify a learner's strengths and weaknesses.

Courses suitable for all GCSE specifications:
Edexcel: 1MA1 (QAN: 601/4700/3)
AQA: 8300 (QAN: 601/4608/4)
OCR: J560 (QAN: 601/4606/0)
Eduqas: C300P (QAN: 601/5503/6)

To get a more in-depth view of the content and structure of these courses, download our FE Maths Course Content Guide from the customer hub.

FE – Mathematics GCSE (F)

Diagnostics: 84   Strands: 61   Nuggets: 675

FE – Mathematics GCSE (H)

Diagnostics: 141   Strands: 72   Nuggets: 962

You can find a quarter of an object, like a shape.
These shapes all have one quarter coloured in:

You can also find a quarter of a group of objects.

$\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$

Steph's windowsill is 70cm wide.

She places flowers in plant pots onto the windowsill.

Each plant pot is 10 cm wide.

How many plant pots can Steph fit on the windowsill?

I DON'T KNOW   SUBMIT ANSWER

$= 82cm^2$

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Curriculum Overview   Maths Overview   Customer Hub

Mathematics Courses

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.

To get a more in-depth view of the content and structure of these courses, download our FE English Course Content Guide from the customer hub.
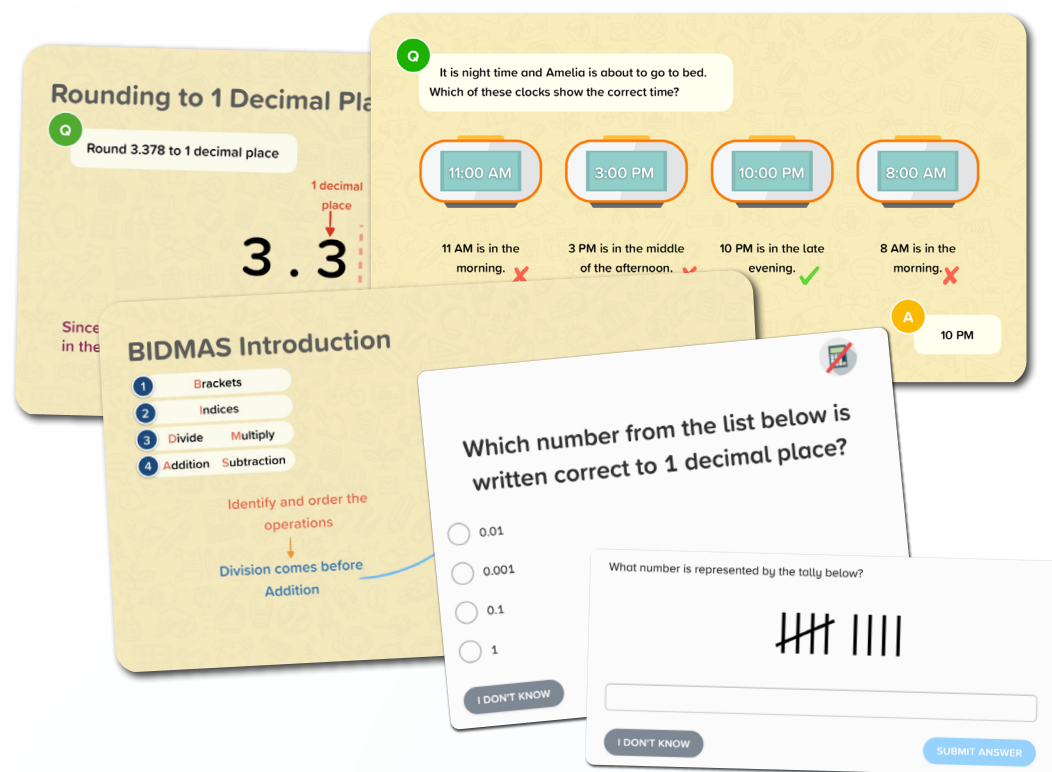
FE – Mathematics Functional Skills (Entry 1)

Diagnostics: 3   Strands: 5   Nuggets: 33

FE – Mathematics Functional Skills (Entry 2)

Diagnostics: 3   Strands: 5   Nuggets: 73

FE – Mathematics Functional Skills (Entry 3)

Diagnostics: 3   Strands: 5   Nuggets: 76

FE – Mathematics Functional Skills (Level 1)

Diagnostics: 3   Strands: 19   Nuggets: 156

FE – Mathematics Functional Skills (Level 2)

Diagnostics: 3   Strands: 19   Nuggets: 288

CENTURY

Science Courses

Primary

Science Courses - Primary →

Primary – KS2 Science

Primary – Year 3 Science

Primary – Year 4 Science

Primary – Year 5 Science

Primary – Year 6 Science

Secondary

Science Courses - KS3 →

Science – KS3 Biology

Science – KS3 Chemistry

Science – KS3 Physics

Science Courses - GCSE Higher →

Science – GCSE (H) Biology

Science – GCSE (H) Chemistry

Science – GCSE (H) Physics

Science – GCSE Practicals

Science Courses - GCSE AQA →

Science Biology GCSE: AQA (F)

Science Biology GCSE: AQA (H)

Science Chemistry GCSE: AQA (F)

Science Chemistry GCSE: AQA (H)

Science Physics GCSE: AQA (F)

Science Physics GCSE: AQA (H)

Science Courses - AQA Synergy →

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

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

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

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

Science Courses - AQA Trilogy →

Science Combined GCSE: AQA Trilogy (F) – Biology

Science Combined GCSE: AQA Trilogy (H) – Biology

Science Combined GCSE: AQA Trilogy (F) – Chemistry

Science Combined GCSE: AQA Trilogy (H) – Chemistry

Science Combined GCSE: AQA Trilogy (F) – Physics

Science Combined GCSE: AQA Trilogy (H) – Physics

Science Courses - IGCSE Edexcel →

Science – IGCSE Biology: Edexcel

Science – IGCSE Chemistry: Edexcel

Science – IGCSE Physics: Edexcel

Science Double Award IGCSE: Edexcel – Biology

Science Double Award IGCSE: Edexcel – Chemistry

Science Double Award IGCSE: Edexcel – Physics

Science Courses - ELC →

Science ELC+ (Double Award): AQA

Science Courses

Primary

Our science courses are aligned to the English national curriculum for each specific year group. We also have a KS2 course that combines all of the science content from our year 3-6 courses.

There are + versions of the year 5 and KS2 courses that contain nuggets on reproduction and human life cycles.

To get a more in-depth view of the content and structure of these courses, download our Primary Science Course Content Guide from the customer hub.
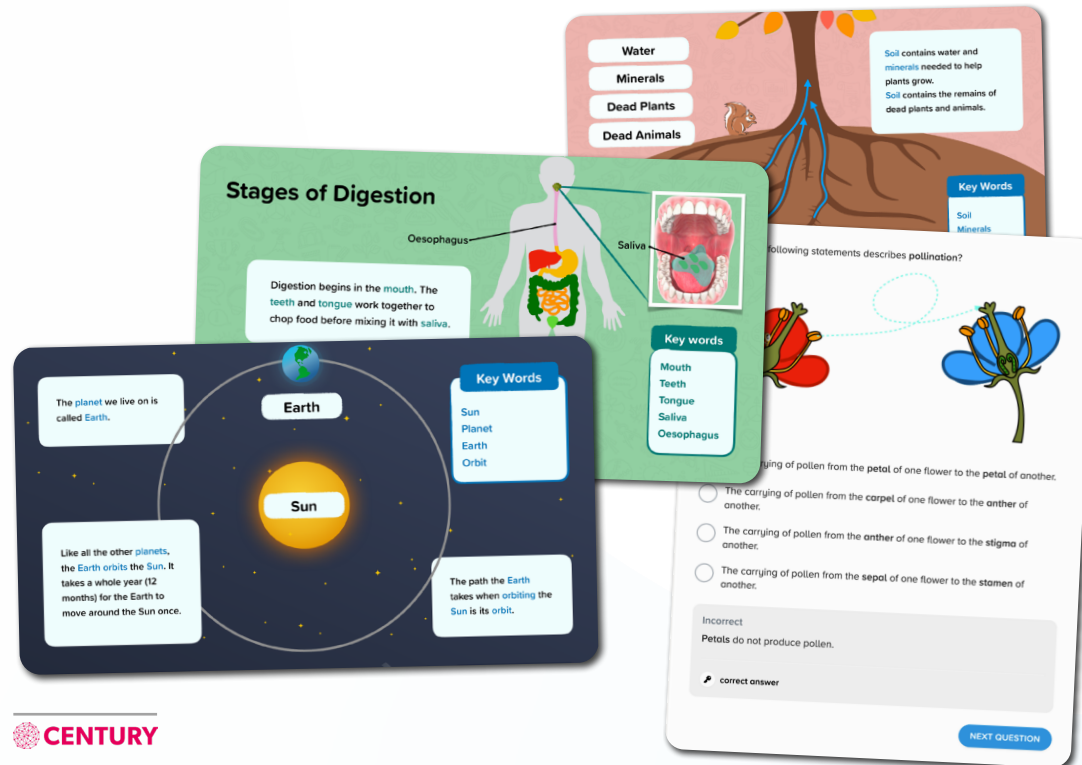
Primary – Year 3 Science

Diagnostics: 7   Strands: 8   Nuggets: 42

Primary – Year 4 Science

Diagnostics: 6   Strands: 8   Nuggets: 42

Primary – Year 5 Science

Diagnostics: 6   Strands: 8   Nuggets: 55

Primary – Year 6 Science

Diagnostics: 7   Strands: 8   Nuggets: 64

Primary – KS2 Science

Diagnostics: 17   Strands: 16   Nuggets: 105

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Science Courses

KS3

To get a more in-depth view of the content and structure of these courses, download our **Secondary Science Course Content Guide** from the customer hub.

Science – KS3 Biology

Diagnostics: 14   Strands: 11   Nuggets: 81

Science – KS3 Chemistry

Diagnostics: 22   Strands: 15   Nuggets: 94

Science – KS3 Physics

Diagnostics: 29   Strands: 18   Nuggets: 163

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Science Courses

GCSE Higher

To get a more in-depth view of the content and structure of these courses, download our **Secondary Science Course Content Guide** from the customer hub.

Science – GCSE (H) Biology

Diagnostics: 13   Strands: 15   Nuggets: 98

Science – GCSE (H) Chemistry

Diagnostics: 11   Strands: 11   Nuggets: 75

Science – GCSE (H) Physics
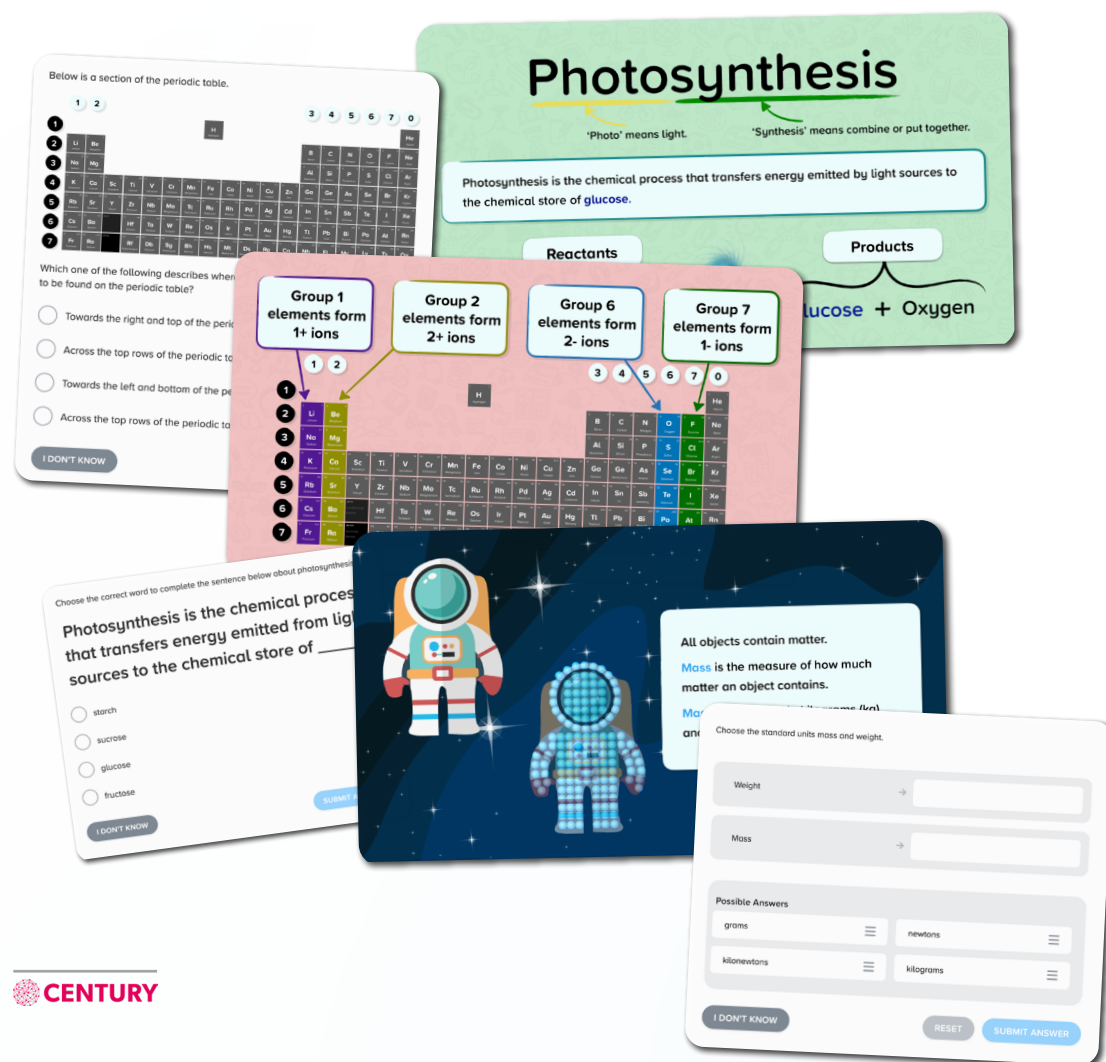
Diagnostics: 11   Strands: 12   Nuggets: 90

Science – GCSE Practicals

Diagnostics: 11   Strands: 12   Nuggets: 98

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Science Courses

GCSE AQA

To get a more in-depth view of the content and structure of these courses, download our **Secondary Science Course Content Guide** from the customer hub.

Science Biology GCSE: AQA (F)
Diagnostics: 44   **Strands:10**   **Nuggets: 542**

Science Biology GCSE: AQA (H)
Diagnostics: 31   **Strands:10**   **Nuggets: 465**

Science Chemistry GCSE: AQA (F)
Diagnostics: 43   **Strands:15**   **Nuggets: 453**

Science Chemistry GCSE: AQA (H)
Diagnostics: 58   **Strands:13**   **Nuggets: 829**

Science Physics GCSE: AQA (F)
Diagnostics: 70   **Strands:11**   **Nuggets: 817**

Science Physics GCSE: AQA (H)
Diagnostics: 50   **Strands:11**   **Nuggets: 855**

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Science Courses

GCSE AQA – Synergy

To get a more in-depth view of the content and structure of these courses, download our **Secondary Science Course Content Guide** from the customer hub.

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

Diagnostics: 40   Strands:15   Nuggets: 553

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

Diagnostics: 32   Strands:15   Nuggets: 554

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

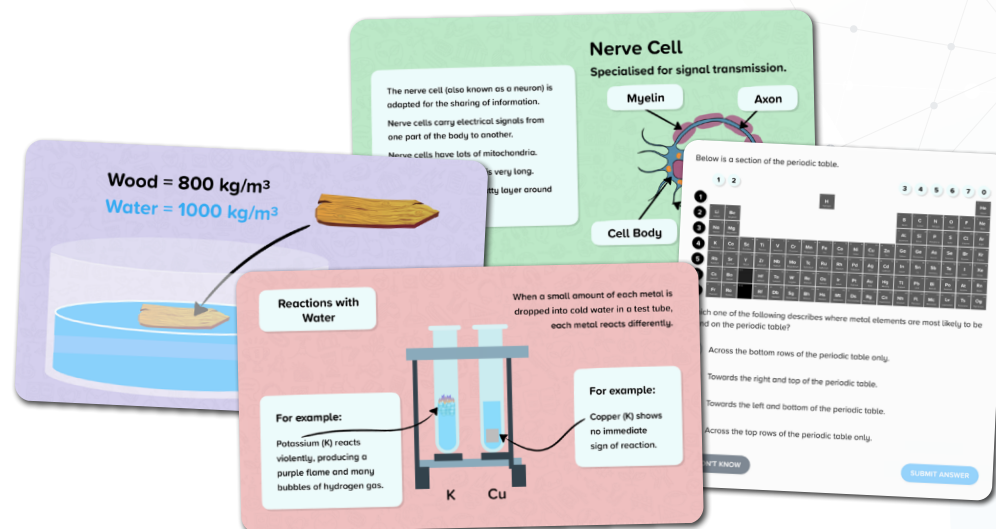Diagnostics: 40   Strands:14   Nuggets: 530

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

Diagnostics: 24   Strands:14   Nuggets: 564

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Science Courses

GCSE AQA – Trilogy

To get a more in-depth view of the content and structure of these courses, download our Secondary Science Course Content Guide from the customer hub.

Science Combined GCSE: AQA Trilogy (F) – Biology

Diagnostics: 48   **Strands: 11**   **Nuggets: 448**

Science Combined GCSE: AQA Trilogy (H) – Biology

Diagnostics: 48   **Strands: 11**   **Nuggets: 448**

Science Combined GCSE: AQA Trilogy (F) – Chemistry

Diagnostics: 45   **Strands: 14**   **Nuggets: 384**

Science Combined GCSE: AQA Trilogy (H) – Chemistry

Diagnostics: 45   **Strands: 14**   **Nuggets: 384**

Science Combined GCSE: AQA Trilogy (F) – Physics
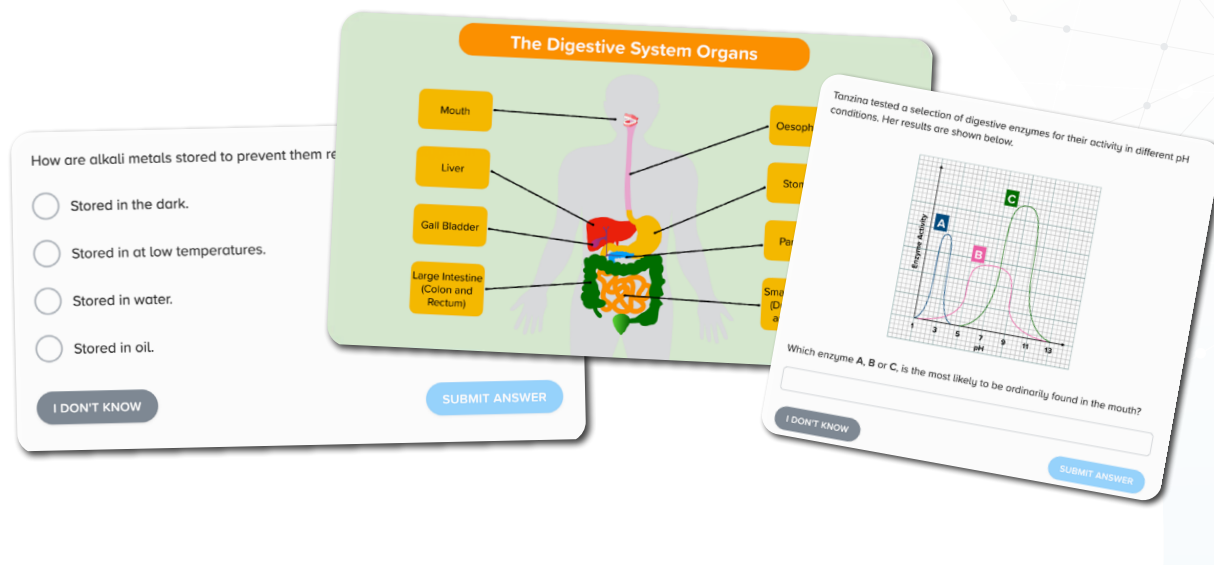
Diagnostics: 39   **Strands: 12**   **Nuggets: 405**

Science Combined GCSE: AQA Trilogy (H) – Physics

Diagnostics: 39   **Strands: 12**   **Nuggets: 405**

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Science Courses

IGCSE Edexcel

To get a more in-depth view of the content and structure of these courses, download our Secondary Science Course Content Guide from the customer hub.

Science – IGCSE Biology: Edexcel
Diagnostics: 19   Strands: 18   Nuggets: 103

Science Double Award IGCSE: Edexcel – Biology
Diagnostics: 27   Strands: 6   Nuggets: 178

Science – IGCSE Chemistry: Edexcel
Diagnostics: 11   Strands: 13   Nuggets: 86

Science Double Award IGCSE: Edexcel – Chemistry
Diagnostics: 23   Strands: 6   Nuggets: 136

Science – IGCSE Physics: Edexcel
Diagnostics: 12   Strands: 13   Nuggets: 89

Science Double Award IGCSE: Edexcel – Physics
Diagnostics: 25   Strands: 9   Nuggets: 165

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Science Courses

GCSE AQA – ELC

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

To get a more in-depth view of the content and structure of these courses, download our Secondary Science Course Content Guide from the customer hub.
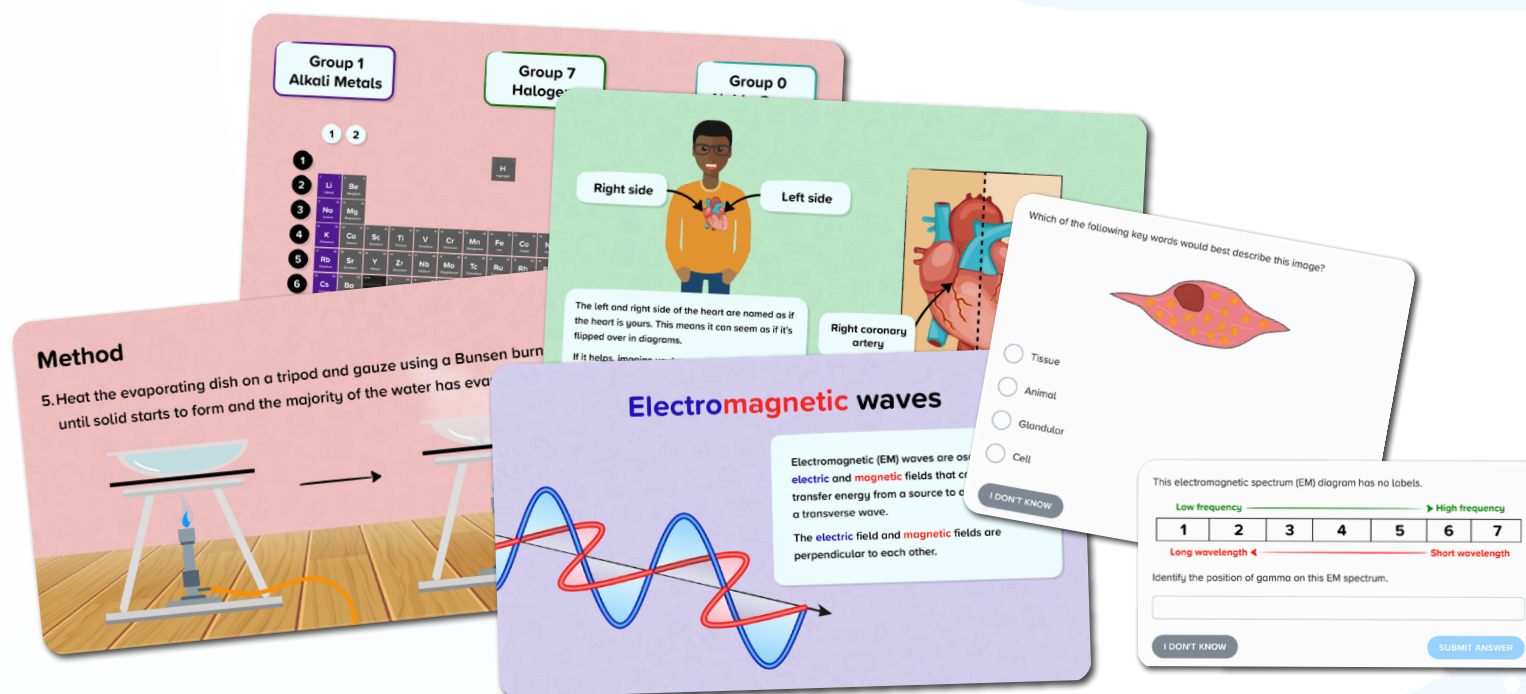
Science ELC+ (Double Award): AQA

Diagnostics: 60   **Strands: 7**   **Nuggets: 310**

Group 1
Alkali Metals

Group 7
Haloge...

Group 0
N...

Right side   Left side

The left and right side of the heart are named as if the heart is yours. This means it can seem as if it's flipped over in diagrams.

If it helps, imagine yo...

Right coronary artery

Which of the following key words would best describe this image?

○ Tissue
○ Animal
○ Glandular
○ Cell

I DON'T KNOW

Method

5. Heat the evaporating dish on a tripod and gauze using a Bunsen burn... until solid starts to form and the majority of the water has eva...

Electromagnetic waves

Electromagnetic (EM) waves are os... electric and magnetic fields that c... transfer energy from a source to a... a transverse wave.

The electric field and magnetic fields are perpendicular to each other.

This electromagnetic spectrum (EM) diagram has no labels.

Low frequency → High frequency

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |

Long wavelength ← → Short wavelength

Identify the position of gamma on this EM spectrum.

I DON'T KNOW   SUBMIT ANSWER

Curriculum Overview   **Science Overview**   **Customer Hub**

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Geography Courses
GCSE

This course covers the huge variety of both physical and human geographical content. It also covers specific geographical skills, including fieldwork and cartographical skills.

To get a more in-depth view of the content and structure of this course, download our Secondary Geography Course Content Guide from the customer hub.

Geography GCSE: AQA

Curriculum Overview

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Physical Education Courses

GCSE

These courses have been created by our team of experienced secondary Physical Education teachers. Each set of courses are separated into topic strands with a wide range of practical examples, data analsyis and topic nuggets available throughout.

To get a more in-depth view of the content and structure of this course, download our Secondary PE Course Content Guide from the customer hub.

## Physical Education GCSE: AQA

Courses coming soon:

- IGCSE GCSE PE 0413
- OCR GCSE PE J587
- EDEXCEL GCSE PE 1PE0
- BTEC Tech Award in Sport 603/7068/3
- Cambridge Nationals Sport Studies J829
- Cambridge Nationals Sport Science J828
- City and Guilds L2 Award, Certificate & Diploma in Sport (QCF) 4863-23
- NCFE L2 Certificate & Diploma in Sport 601/3037/4 or 6

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Digital Skills Courses

These courses explore the key skills that learners will need for life and work, covering using devices and handling information, creating and editing, communicating, transacting and being safe and responsible online.

To get a more in-depth view of the content and structure of this course, download our Digital Skills Course Content Guide from the customer hub.
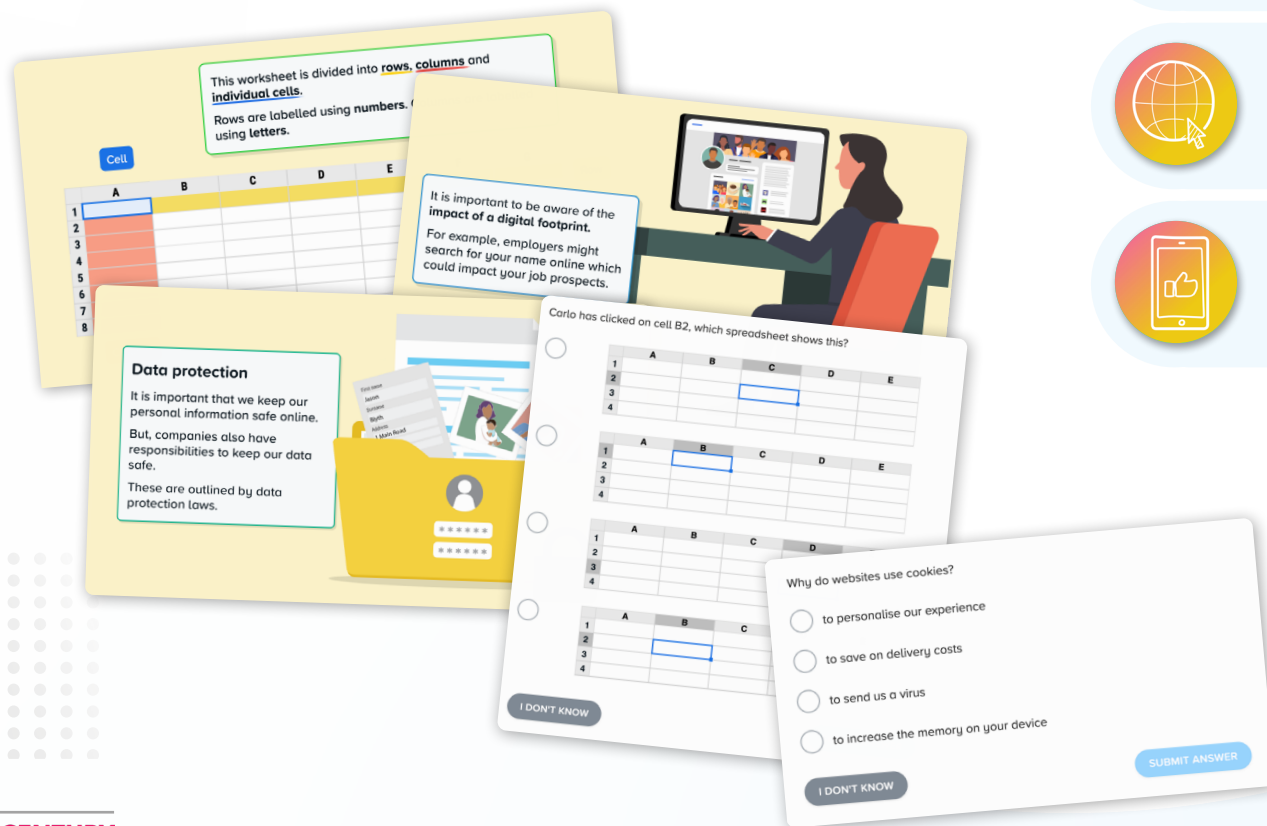
Digital Skills Secondary
Diagnostics: 8   **Strands: 6**   **Nuggets: 71**

FE – Essential Digital Skills (Entry 3)
Diagnostics: 6   **Strands: 7**   **Nuggets: 34**

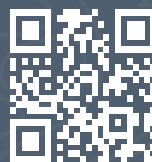### FE – Essential Digital Skills (Level 1)
Diagnostics: 12   **Strands: 9**   **Nuggets: 78**

Questions?
Email support@century.tech

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