

Curriculum Guide

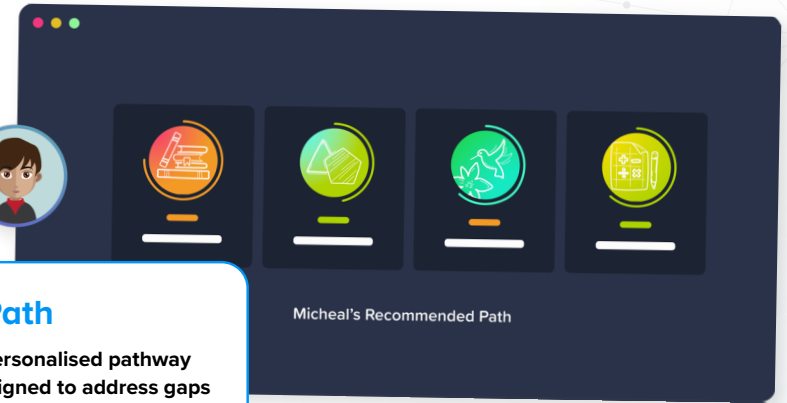
About CENTURY

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.




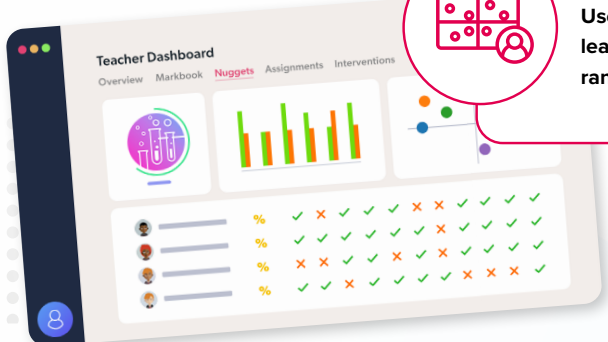
Achievements

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.

Course Coverage

	Primary					Secondary					Further Education	
	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13
English	Year 2 SPaG	Year 3 SPaG	Year 4 SPaG	Year 5 SPaG	Year 6 SPaG	English Language KS3 English Language KS3 Reading English SPaG Secondary English Literature – Shakespeare Courses					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)	
11+		Year 3&4 Reading Comprehension		Year 5&6 Reading 11+ English 11+ Verbal Reasoning				English Language GCSE English SPaG GCSE English Literature – Poetry English Literature – Modern Prose & Drama English Literature – 19th-century Novels English Second Language IGCSE: Cambridge				
Maths	Year 2 Maths	Year 3 Maths	Year 4 Maths	Year 5 Maths	Year 6 Maths	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) Number & Measure Edexcel Award 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)	
			Multiplication Tables									
Science		Year 3 Science	Year 4 Science	Year 5 Science	Year 6 Science	KS3 – Biology, Chemistry & Physics GCSE Biology (Exam Board Aligned) GCSE Chemistry (Exam Board Aligned) GCSE Physics (Exam Board Aligned)						
		KS2 Science										
Geography								Geography GCSE: AQA				
PE								Physical Education - GCSE Physical Education - Vocational				
Digital Skills						Digital Skills Secondary					Digital Skills (Entry 3) Digital Skills (Level 1)	

English Courses



Primary

Primary 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

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

Further Education

English Courses: FE 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)

English Courses

Primary - SPaG

Our primary English offering includes both SPaG and reading courses for years 2 to 6. There is a specific SPaG course for each year group, but they also include prerequisite learning from previous years.

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 Noun Pronoun Conjunction Verb

Introduction to Poetry

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 senryu-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.



Primary – Year 2 SPaG



Primary – Year 3 SPaG



Primary – Year 4 SPaG



Primary – Year 5 SPaG



Primary – Year 6 SPaG

[Download course content](#)

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.



**Primary – Year 3-4
Reading Comprehension**



Primary – Year 5-6 Reading

YOUR TURN

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 egg 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 as butterflies.
- From this egg hatches a caterpillar. Caterpillars are eating most of their time eating in order to gain strength for the next phase.
- They start life as an egg like many other insects. They are laid by an adult female butterfly.
- Inside their chrysalis, the caterpillar undergoes a complete transformation.

I DON'T KNOW

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

Everyone agreed that they were **enchanted** children. One had a bad word to say about them!

Naughty

Clever

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

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.

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.

Structuring your writing

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

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 hard-working person who has worked in the hospitality and tourism industry for three years. I am a hard-worker, organised and reliable. I would make sure that the customers feel welcome from the moment they walk through the door. I would also like to apply to a hospitality and tourism course, so that I can gain more experience. I am sure that my experience 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 (C)

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

The four seasons can symbolise different stages of life:

- Spring**
represents childhood: just as children are growing up, plants and seeds begin to grow.
- Summer**
symbolises adulthood: plants reach maturity - trees are in full bloom.
- Autumn**
symbolises old age: the leaves on the trees turn golden brown, preparing to fall.
- Winter**
represents death: all the trees are bare and all plant life is, essentially, dead.



English Language KS3



English Language KS3 Reading



English SPaG Secondary



English Language – Gothic Reading

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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.



English Language GCSE



English Language GCSE: AQA

Specification: 8700



English Language GCSE: Edexcel

Specification: 1EN0



English Language GCSE: Eduqas

Specification: C700QS



English Language IGCSE: Cambridge

Specification: 500



English Language IGCSE: Edexcel B

Specification: 4EB1



English Second Language IGCSE: Cambridge

Specification: 0510/0511



English SPaG GCSE

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English Courses

Secondary English Literature - Shakespeare

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



**English Literature –
A Midsummer Night's Dream**



English Literature – Macbeth



**English Literature –
Much Ado About Nothing**



English Literature – Romeo and Juliet

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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.

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

- a shoe
- a piece of paper
- a sweet

Language

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 their hand and then clasp their hands together.

Edward Mickey

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 cunning, manipulative character who can twist the truth.
- He is an impressive, likeable character.

described as "ferce-looking" with "a reputation for getting his own

NEXT QUESTION



**English Literature –
An Inspector Calls**



English Literature – Animal Farm



English Literature – Blood Brothers

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.



**English Literature –
A Christmas Carol**



English Literature – Jekyll and Hyde



**English Literature –
The Sign of the Four**

[Download course content](#)

English Courses

Secondary English Literature - Poetry

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

Love

- Familial/Platonic Love
- Unrequited Love/Unfulfilled Love/Forbidden Love
- Desire/Lust/Sexual Intimacy

Stanza 1

I'm ten years away from the corner you laugh on with your pals, Maggie McGeeney and Jean Duff. The three of you bend from the waist, holding each other, or your knees, and shriek at the pavement. ... round your legs. Marilyn.

Summary

- The speaker is probably looking at a photograph of her mother with two of her close friends.
- The three girls are laughing hysterically.
- The speaker describes her mother as glamorous, her dress blowing around her like Marilyn Monroe.

1

Loves his/ her brother

Different memories e.g. her brother's birthday

Waves seem to love them (love everywhere)

2

Choose the best summary of the poem 'Popples'.

- A mother remembers the day her son left for war, and it is implied that he has now died.
- A narrator walks through London, describing the misery and suffering he sees.
- Having shot a man, who may or may not have been armed, a soldier suffers from guilt.
- During WW1, a group of soldiers sit in a trench (who are suffering exposure to the cold weather) are waiting for something to happen, but nothing happens.

I DON'T KNOW SUBMIT ANSWER



English Literature –
Love & Relationships: AQA



English Literature –
Power & Conflict AQA



English Literature –
Much Ado About Nothing



English Literature – Unseen Poetry

Download course content

English Courses

Further Education 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.



FE – English Language GCSE



FE – English Language GCSE: AQA

Specification: 8700



FE – English Language GCSE: Edexcel

Specification: 1EN0



FE – English Language GCSE: Edexcel 2.0

Specification: 1EN2



FE – English Language GCSE: Eduqas

Specification: C700QS



FE – English SPaG

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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.

Similes
A simile is when you say one thing is like another. It is a comparison between the two things. It often includes the word 'like' or 'as'.

The ball flew into the sky like a rocket.

Rockets go high into the sky very quickly.

This simile suggests that the ball went upwards very quickly.

NOV 24 DEC 25
Yesterday's weather was terrible.
The meeting was in two weeks time.

Question
What is the main point of this text?

Read this text and identify what the key words are.

Which of these sentences is a simile?

- She was fishing for compliments.
- He was as brave as a lion.
- Lions are powerful and majestic.
- He was the apple of her eye.

I DON'T KNOW SUBMIT ANSWER



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)

[Download course content](#)

Mathematics Courses



Primary

Mathematics Courses - Primary - Year Group Specific →

- 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 – Bridge to A-Level
- Mathematics Secondary (F)
- Mathematics Secondary (F+)
- Mathematics Secondary (H)
- Number & Measure: Edexcel (Levels 1 & 2)

Mathematics Courses - IGCSE →

- Mathematics IGCSE: Cambridge (Core)
- Mathematics IGCSE: Cambridge (Extended)
- Mathematics IGCSE: Edexcel (F)
- Mathematics IGCSE: Edexcel (H)

Further Education

Mathematics Courses: Further Education GCSE →

- FE – Mathematics GCSE (F)
- FE – Mathematics GCSE (H)

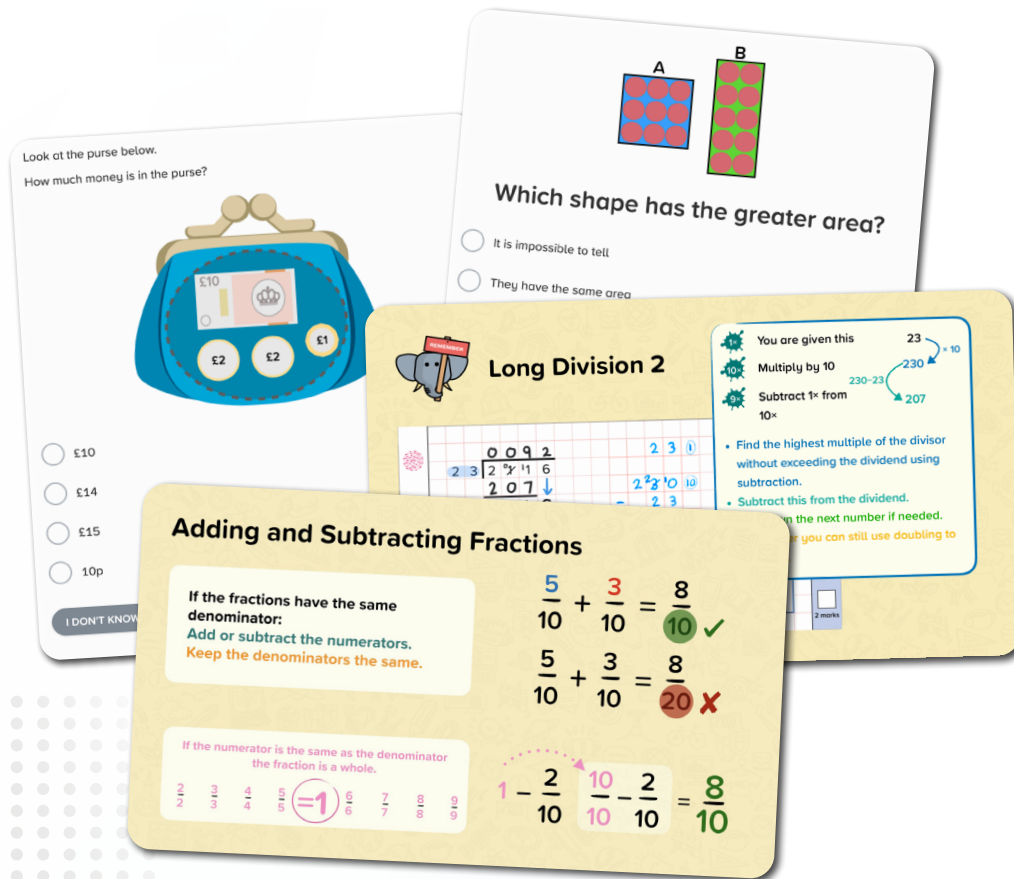
Mathematics Courses - Functional Skills →

- 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.



Primary – Year 2 Mathematics



Primary – Year 3 Mathematics



Primary – Year 4 Mathematics



Primary – Year 5 Mathematics



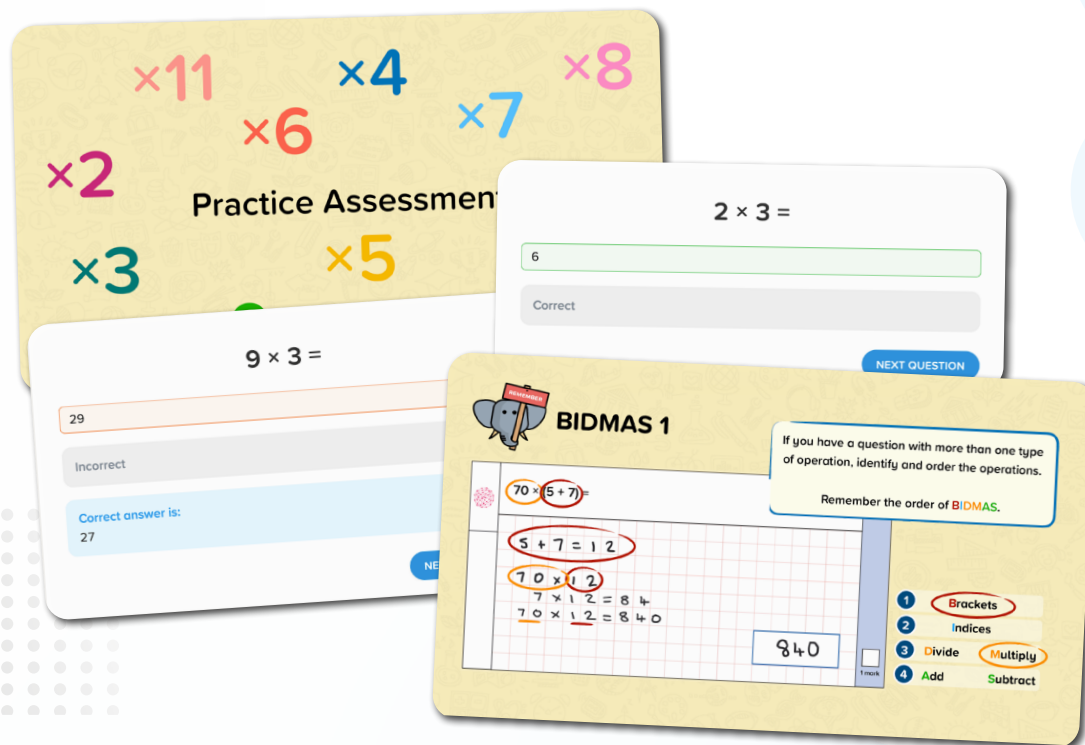
Primary – Year 6 Mathematics

[Download course content](#)

Mathematics Courses

Primary - Additional Courses

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



Primary – Year 2 Multiplication Tables



Primary – Multiplication Tables



Primary – Year 5-6 Arithmetic

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Mathematics Courses

Secondary

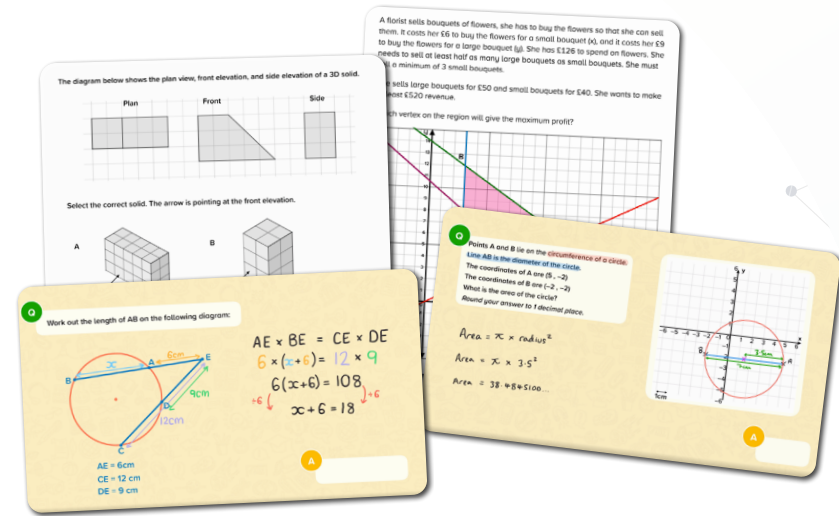
These courses have been created by our team of experienced secondary mathematics teachers.

Edexcel Specification: 1MA1

AQA Specification: 8300

OCR Specification: J560

Eduqas Specification: C300P



Mathematics Secondary (F)



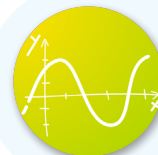
Mathematics Secondary (H)



Mathematics Secondary (F+)



Mathematics – Bridge to A-Level



**Mathematics –
Number & Measure Level 1: Edexcel**

Specification: ANM10



**Mathematics –
Number & Measure Level 2: Edexcel**

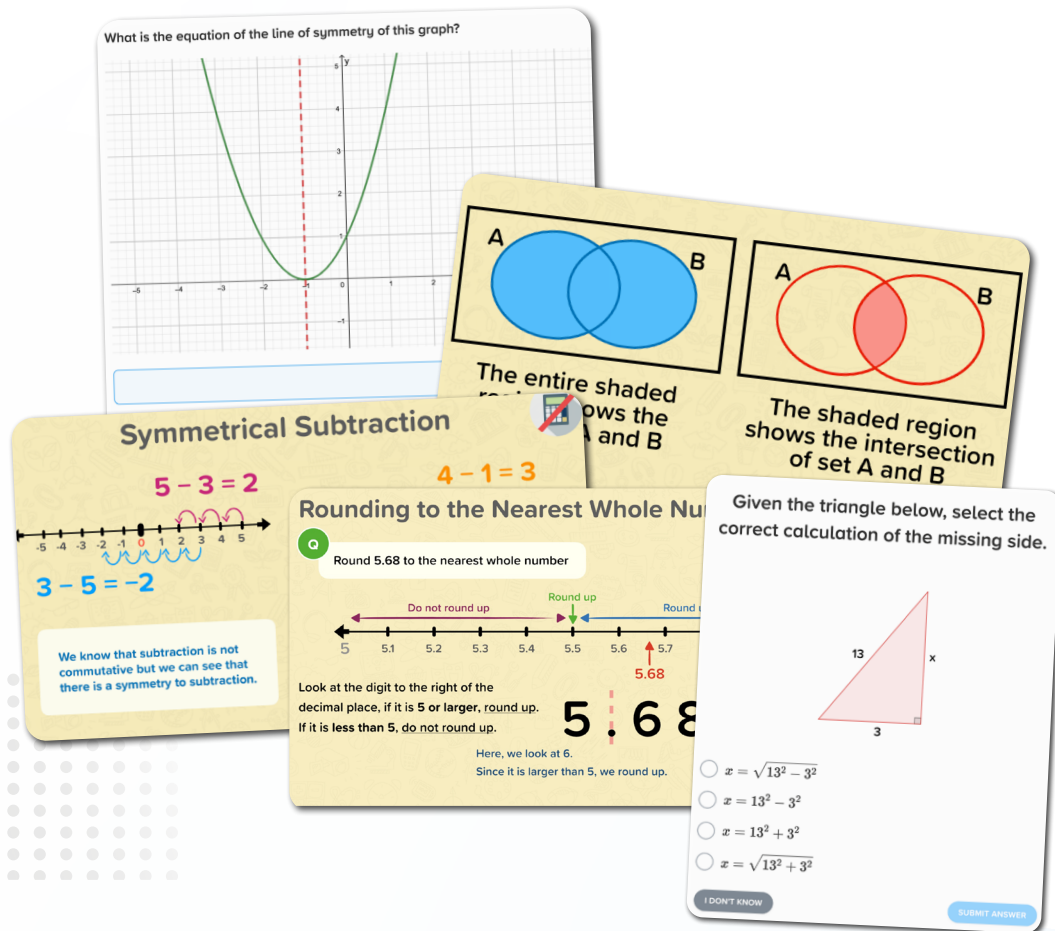
Specification: ANM20

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Mathematics Courses

IGCSE

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



Mathematics IGCSE: Cambridge (Core) [Exam 2025+]

Specification: 0580/0980



Mathematics IGCSE: Cambridge (Core) [Exam 2025+]

Specification: 0580/0980



Mathematics IGCSE: Edexcel (F)

Specification: 4MA1



Mathematics IGCSE: Edexcel (H)

Specification: 4MA1

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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)

The collage features three educational cards. The top card is a geometry diagram of a composite shape with dimensions: a top triangle with a base of 4cm and height of 5cm, a middle rectangle with a height of 8cm, and a bottom rectangle with a width of 6cm and height of 4cm. The total width is 10cm and the total height is 12cm. The shape is divided into three numbered regions. The middle card is a fraction worksheet with a grid and a circle divided into four quadrants, one of which is shaded. The bottom card is a math problem: '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?' It includes an illustration of three pots on a shelf and a measuring tape above a single pot. The answer is 7.



FE – Mathematics GCSE (F)



FE – Mathematics GCSE (H)



**Mathematics –
Number & Measure Level 1: Edexcel**

Specification: ANM10



**Mathematics –
Number & Measure Level 2: Edexcel**

Specification: ANM20

[Download course content](#)

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.

The collage features several educational cards:

- Rounding to 1 Decimal Place:** A card with a question: "Round 3.378 to 1 decimal place". It shows the number 3.3 with a red arrow pointing to the first decimal place.
- BIDMAS Introduction:** A card listing the order of operations: 1 Brackets, 2 Indices, 3 Divide, 4 Addition. It also includes the rule: "Identify and order the operations. Division comes before Addition".
- Time Question:** A card with a question: "It is night time and Amelia is about to go to bed. Which of these clocks show the correct time?". It shows four digital clocks: 11:00 AM, 3:00 PM, 10:00 PM, and 8:00 AM. Below each clock is a description and a checkmark: 11 AM is in the morning (X), 3 PM is in the middle of the afternoon (X), 10 PM is in the late evening (✓), and 8 AM is in the morning (X). The correct answer is 10 PM.
- Decimal Question:** A card with a question: "Which number from the list below is written correct to 1 decimal place?". The list includes 0.01, 0.001, 0.1, and 1. There is an "I DON'T KNOW" button.
- Tally Question:** A card with a question: "What number is represented by the tally below?". It shows a tally mark consisting of four vertical lines and one diagonal line crossing them. There is an "I DON'T KNOW" button and a "SUBMIT ANSWER" button.



FE – Mathematics Functional Skills (Entry 1)



FE – Mathematics Functional Skills (Entry 2)



FE – Mathematics Functional Skills (Entry 3)



FE – Mathematics Functional Skills (Level 1)



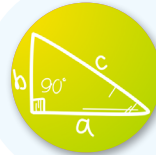
FE – Mathematics Functional Skills (Level 2)

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Mathematics Courses

International Baccalaureate MYP

Our IB courses provide the mathematical skills, knowledge and practice required for those studying either PYP or MYP.



Mathematics - Bridge to DP



Mathematics - MYP

Interpreting Venn Diagrams
Remember: A Venn diagram can show the number of elements in sets.
A school completed a survey to see how many pupils play football and netball.
Football: 46, Netball: 26, Both: 10, Neither: 8.

Bidmas: Brackets
Remember: 1 Brackets, 2 Indices, 3 Divide Multiply, 4 Add Subtract.
Example: $96 \div (12 - 4) = 12$
If you have a question with more than one type of operation, identify and order the operations.
You need to do any operations inside brackets before continuing on with the other operations.
Calculation: $96 \div (12 - 4) = 12$ ✓
 $12 - 4 = 8$
 $96 \div 8 = 12$

Area of a Circle
Points A and B lie on the circumference of a circle. Line AB is the diameter of the circle. The coordinates of A are (5, -2). The coordinates of B are (-2, -2). What is the area of the circle? Round your answer to 1 decimal place.
Formula: $\pi \times \text{radius}^2$

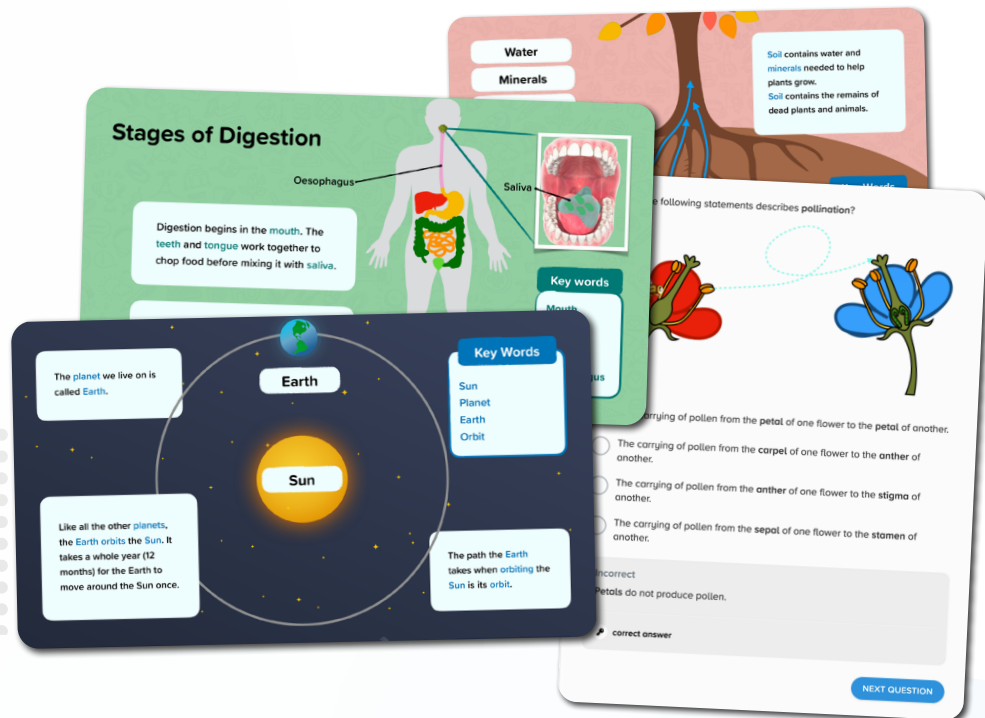
Shopping Trip
Maya left to go shopping at 4:41 pm and came back home at 5:17 pm. How long was her shopping trip?
Options: 1 hour and 27 minutes, 1 hour and 8 minutes, 14 minutes, 46 minutes (Correct).

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.



Primary – Year 3 Science



Primary – Year 4 Science



Primary – Year 5 Science



Primary – Year 6 Science



Primary – KS2 Science

[Download course content](#)

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



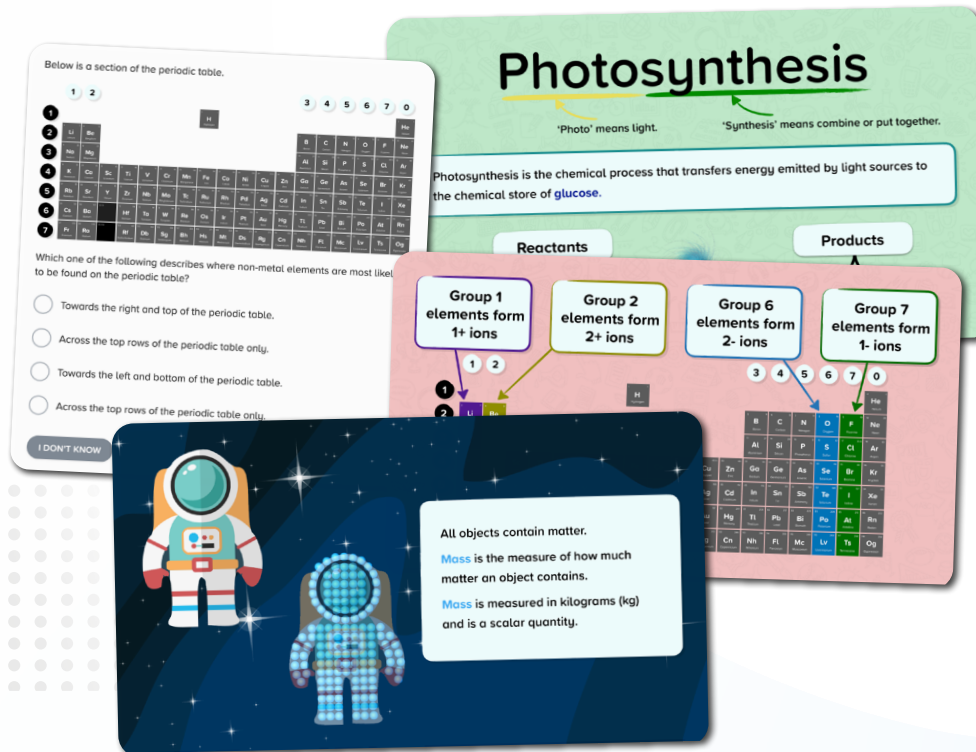
Science – KS3 Physics

Download course content

Science Courses

GCSE

Our science courses have been created by our team of experienced secondary science teachers to align with your exam board. 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 Biology



Science – GCSE Chemistry



Science – GCSE Physics

[Download an example of our course content](#)

Science Courses

Science Courses - ELC

Mapped to AQA ELC Science.

This course is designed for students studying both ELC and GCSE.

AQA: 5960

QAN: 601/7522/9ng



Science ELC+ (Double Award): AQA

Method

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

Electromagnetic waves

Electromagnetic (EM) waves are oscillations of electric and magnetic fields that transfer energy from a source to a receiver. The electric field and magnetic fields are perpendicular to each other.

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

- Tissue
- Animal
- Glandular
- Cell

I DON'T KNOW

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

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Secondary Geography Courses

AQA

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



Geography GCSE: AQA

Specification: 8035

Interlocking Spurs

Immediate Responses

Immediate responses take place in the days following an event.

- \$6.7 million of international aid, including \$5 million from Australia.
- The Red Cross supplied rescue workers.

Identifying Features on OS Maps

V-shaped valley

DELTA

Below is a climate graph for the tropical rainforest in Peru, South America.

Month of the year	Temperature (°C)	Rainfall (mm)
January	25	350
February	25	350
March	25	300
April	25	250
May	25	200
June	25	150
July	25	150
August	25	150
September	25	150
October	25	200
November	25	250
December	25	300

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Secondary 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 analysis and topic nuggets available throughout.



Physical Education GCSE: Edexcel

Specification: 1PE0



Physical Education GCSE: AQA

Specification: 8582



Physical Education GCSE: OCR

Specification: J587



Physical Education GCSE: WJEC

Specification: 3550QS



Physical Education GCSE: WJEC (Short Course)

Specification: 3555QT



Physical Education IGCSE: Cambridge

Specification: 0413

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Secondary Physical Education Courses

Vocational

These courses have been created by our team of experienced secondary Physical Education teachers in line with the Sport BTEC and Sport Science schemes of learning.



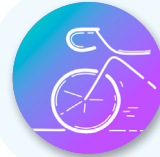
Sport BTEC Level 2: First Award



Sport BTEC Level 2: First Diploma



Sport BTEC Level 2: Tech Award



Sport BTEC Level 1: Introductory



Sport BTEC Level 2: First Certificate



Sport BTEC Level 2: First Extended Certificate



Sport Science Level 2: Cambridge National


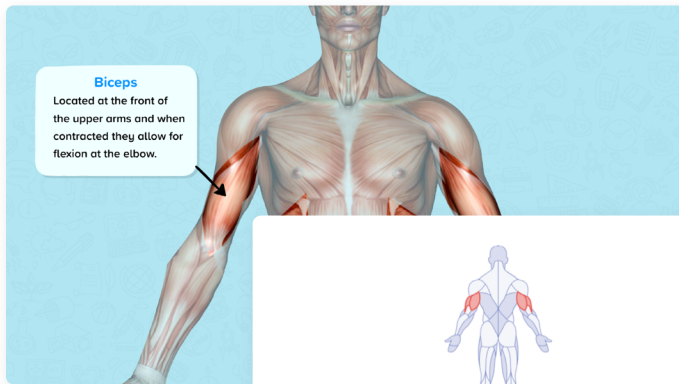
Specification: J828

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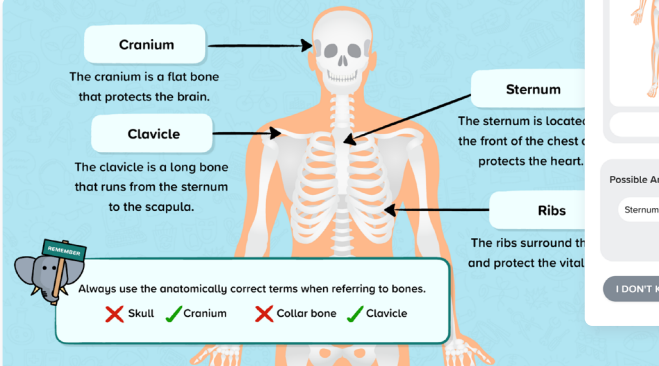
PE Special Feature!

Recall and Review Nuggets

Testing specific A01 subject knowledge quickly identifying misconceptions and gaps in learning to the teacher.



What is the name of the muscles identified in the picture?



Cranium
The cranium is a flat bone that protects the brain.

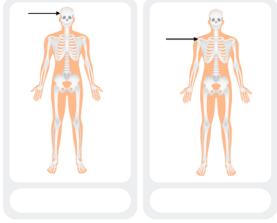
Clavicle
The clavicle is a long bone that runs from the sternum to the scapula.

Sternum
The sternum is located the front of the chest and protects the heart.

Ribs
The ribs surround the chest and protect the vital organs.

Always use the anatomically correct terms when referring to bones.
✗ Skull ✓ Cranium ✗ Collar bone ✓ Clavicle

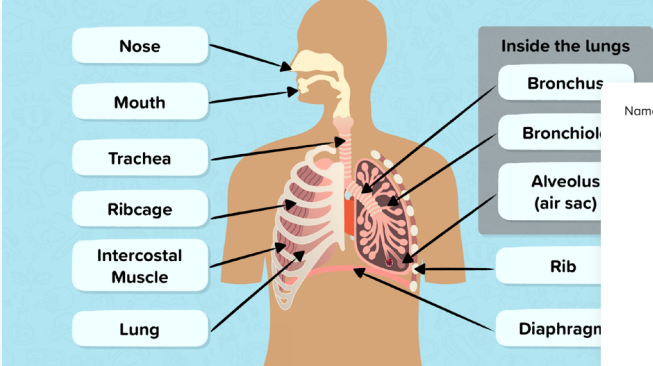
Label the correct bone identified by the arrow.



Possible Answers

Sternum Cranium Clavicle

Vertebrae Scapula



Nose

Mouth

Trachea

Ribcage

Intercostal Muscle

Lung

Inside the lungs

Bronchus

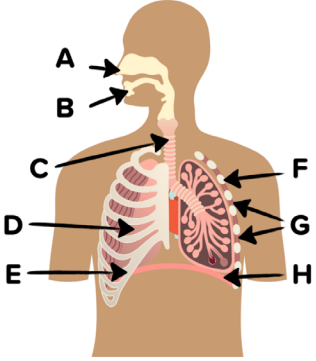
Bronchiole

Alveolus (air sac)

Rib

Diaphragm

Name the part of the respiratory system identified by the label B.



A

B

C

D

E

F

G

H

Secondary Digital Skills

This course explores 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.



Secondary Digital Skills

A collage of various digital skills learning materials. It includes a smart thermostat interface, a Google search page for 'Home improvements', a worksheet about rows and columns in spreadsheets, a quiz question about spreadsheet uses, and an illustration of a teacher and students in a classroom setting.

Identifying Appropriate Websites
Some websites will be more relevant to your search than others.
It is important to identify which websites are appropriate for your search and which ones have an **agenda**.
Websites with an **agenda** might be trying to sell you something or may not be relevant to your search at all.

This worksheet is divided into **rows**, **columns** and **individual cells**.
Rows are labelled using letters. Columns are labelled using numbers.

Which of the following could a spreadsheet be used for?

- creating a slideshow presentation for work
- scheduling an email
- carrying out data calculations using formulae
- writing a newspaper article

Common problems include:

- Eyestrain
- Headaches
- Muscle pain
- Repetitive strain injury

Spending a long time on a device can cause physical problems such as pain, discomfort and injury.

FE Digital Skills

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.



FE – Essential Digital Skills (Entry 3)



FE – Essential Digital Skills (Level 1)



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Questions?

Email support@century.tech

