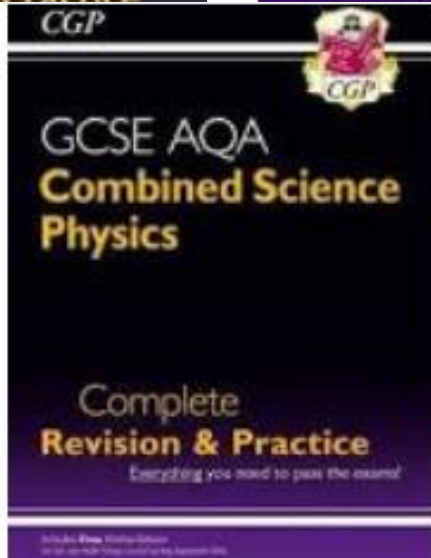
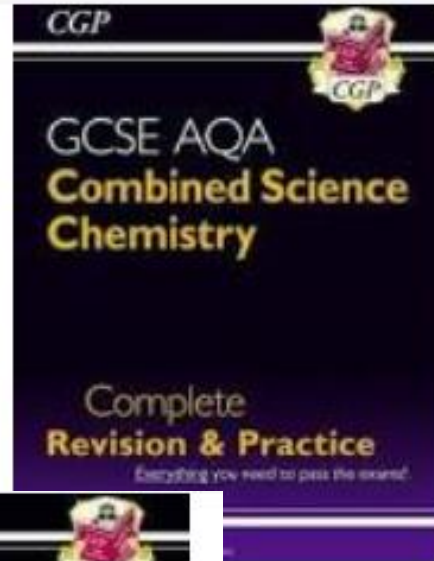
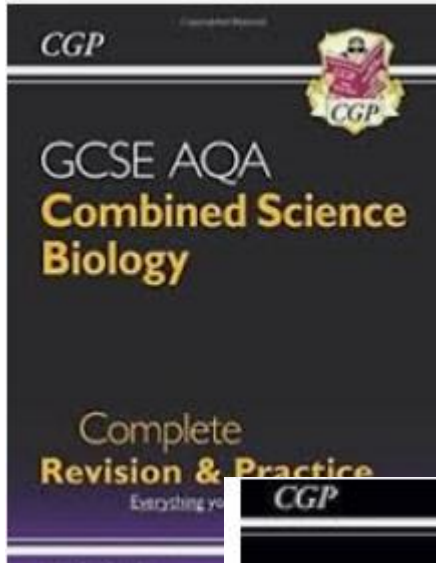


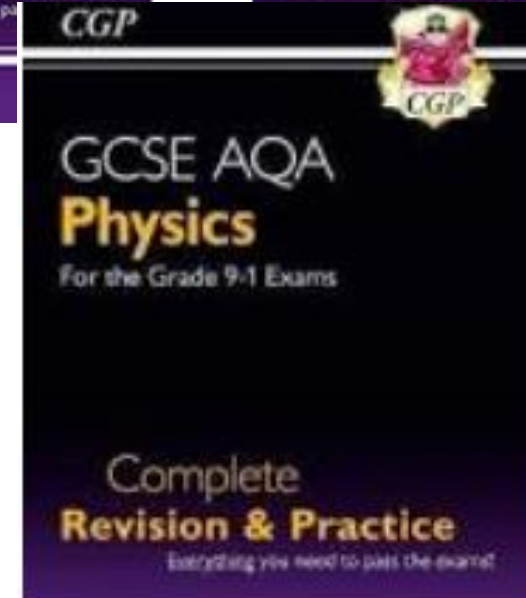
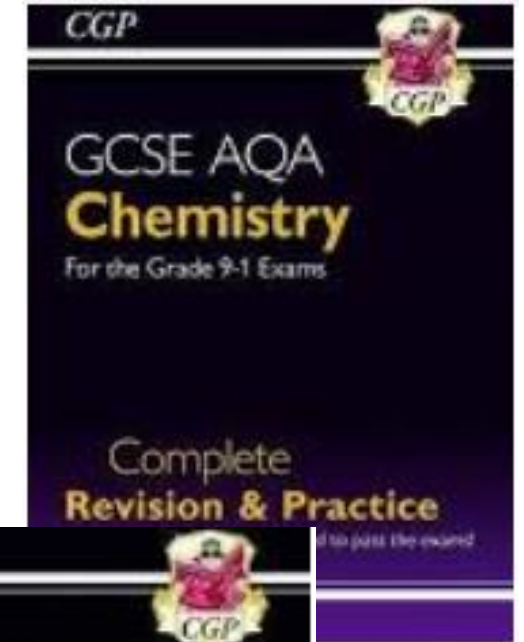
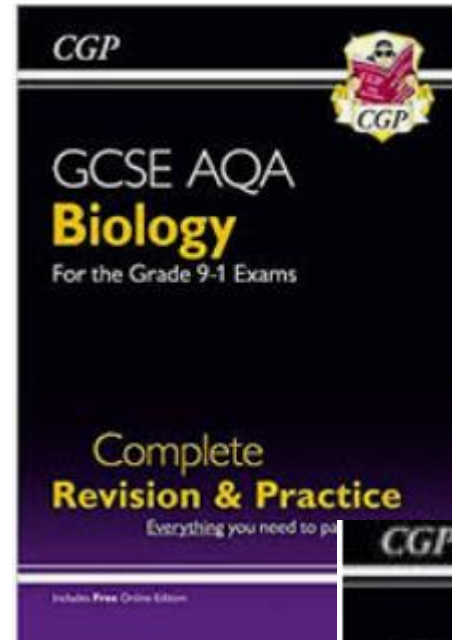
GCSE Science

Which exam board and course?

AQA Trilogy – Combined Science



AQA Separate Sciences



AQA Trilogy – Combined Science

Students are taught Biology, Chemistry and Physics separately

2 exams for each science consisting of 70 marks and lasting 1hr 15

All 6 exam scores added together and students get a combined science GCSE which counts as 2 GCSEs.

Biology paper 1 – 14th May 2019

Chemistry paper 1 – 16th May 2019

Physics paper 1 – 22nd May 2019

Biology paper 2 – 7th June 2019

Chemistry paper 2 – 12th June 2019

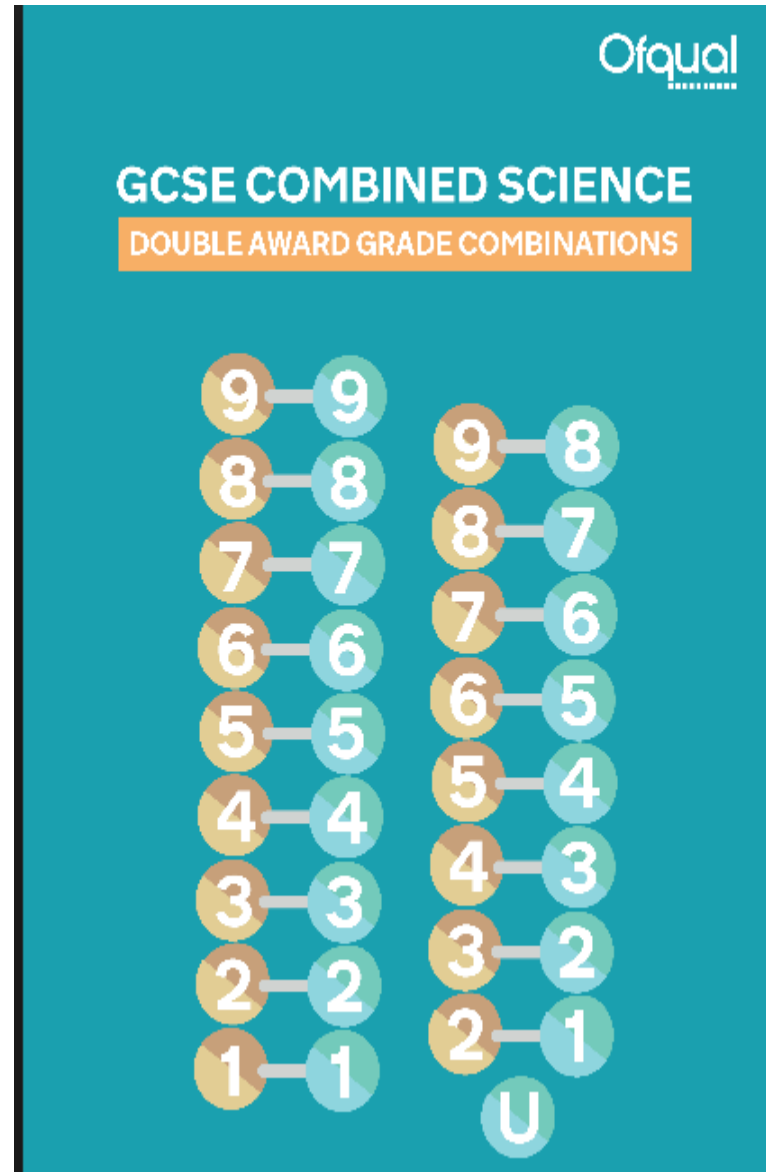
Physics paper 2 – 14th June 2019

AQA Trilogy – Combined Science

There are 2 tiers of entry.

Higher tier – students can achieve a grade from 9-9 down to 4-3

Foundation tier – students can achieve a grade from a 5-5 down to 1-1



AQA Separate Sciences

Students are taught Biology, Chemistry and Physics separately

2 exams for each science consisting of 100 marks and lasting 1hr 45

There are 2 tiers of entry.

Higher tier – students can achieve a grade from 9-9 down to 4-3

Foundation tier – students can achieve a grade from a 5-5 down to 1-1

Both exams for each subject are added together and students get 1 grade for each science therefore 3 GCSEs.

E.g. Student X gets :
Biology grade 7
Chemistry grade 7
Physics grade 9

Biology paper 1 – 14th May 2019

Chemistry paper 1 – 16th May 2019

Physics paper 1 – 22nd May 2019

Biology paper 2 – 7th June 2019

Chemistry paper 2 – 12th June 2019

Physics paper 2 – 14th June 2019

7.2 Assessment objectives

Assessment objectives (AOs) are set by Ofqual and are the same across all GCSE Combined Science: Trilogy specifications and all exam boards.

The exams will measure how students have achieved the following assessment objectives.

- AO1: Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures.
- AO2: Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures.
- AO3: Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures.

How can you help?

- Is your child using the resources we have bought for them?

GCSE POD

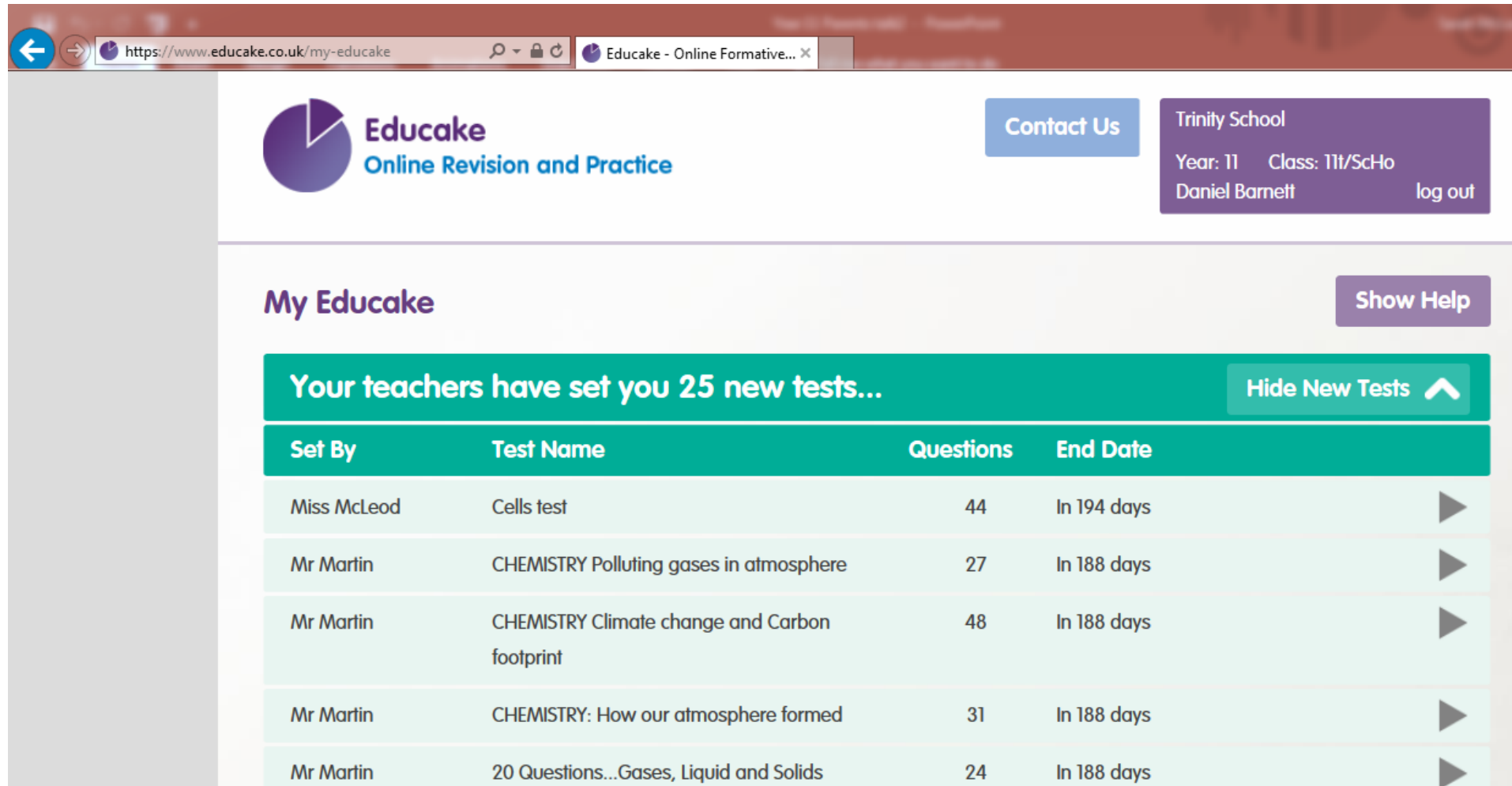
Homework on Classcharts

EDUCAKE

Educake

- <https://www.educake.co.uk/>

Some screenshots below but demonstrated during parents' evening.



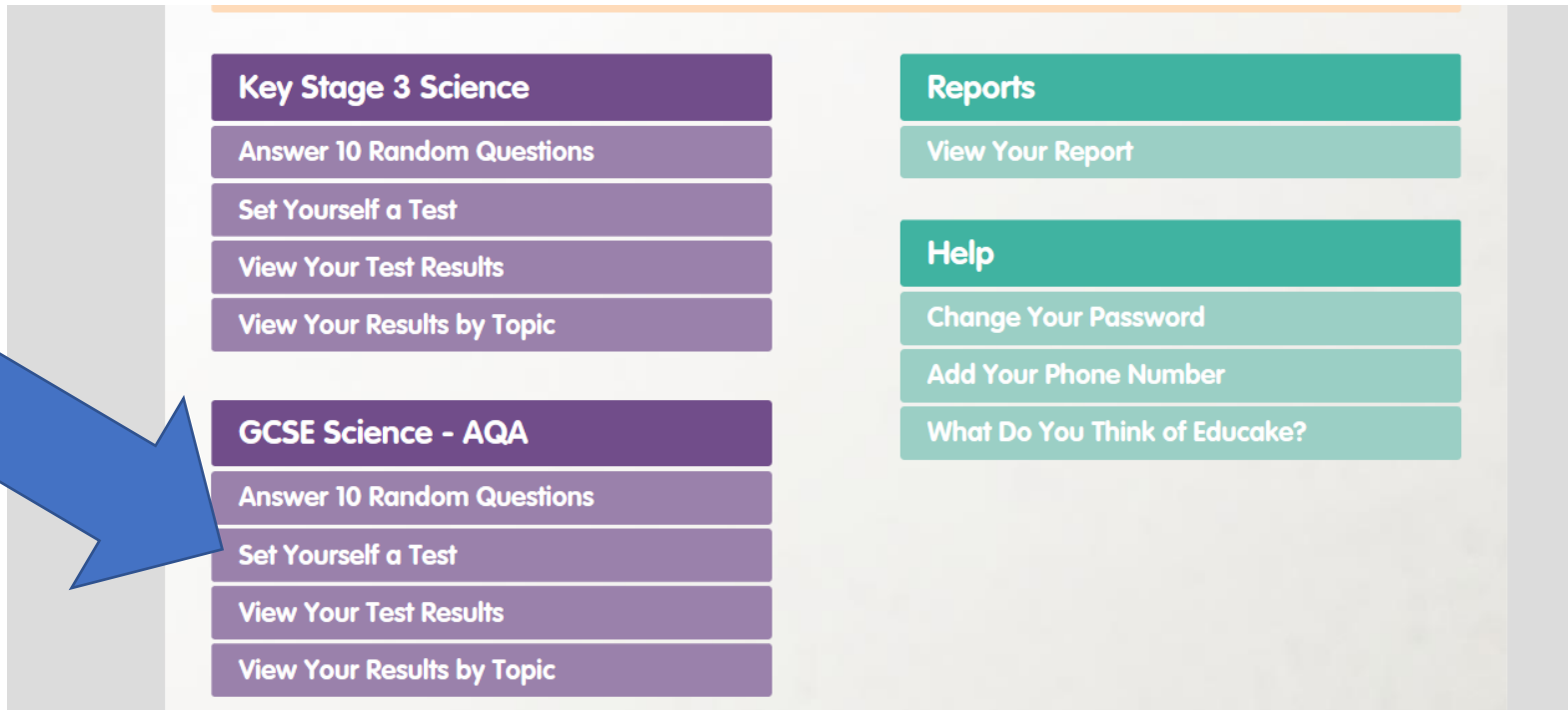
The screenshot shows the Educake website interface. At the top, there is a navigation bar with the Educake logo (a purple pie chart) and the text "Educake Online Revision and Practice". To the right of the logo is a "Contact Us" button. Further right, a purple box displays the user's profile: "Trinity School", "Year: 11", "Class: 11I/ScHo", "Daniel Barnett", and a "log out" link.

Below the navigation bar, the main content area is titled "My Educake" with a "Show Help" button. A green banner at the top of this section reads "Your teachers have set you 25 new tests..." with a "Hide New Tests" button and an upward arrow.

Below the banner is a table listing the tests:

Set By	Test Name	Questions	End Date	
Miss McLeod	Cells test	44	In 194 days	▶
Mr Martin	CHEMISTRY Polluting gases in atmosphere	27	In 188 days	▶
Mr Martin	CHEMISTRY Climate change and Carbon footprint	48	In 188 days	▶
Mr Martin	CHEMISTRY: How our atmosphere formed	31	In 188 days	▶
Mr Martin	20 Questions...Gases, Liquid and Solids	24	In 188 days	▶

Students can set themselves tests



The screenshot shows a user interface with two main columns of buttons. The left column is divided into two sections: 'Key Stage 3 Science' and 'GCSE Science - AQA'. Each section contains five buttons: 'Answer 10 Random Questions', 'Set Yourself a Test', 'View Your Test Results', and 'View Your Results by Topic'. The right column contains two sections: 'Reports' and 'Help'. The 'Reports' section has one button: 'View Your Report'. The 'Help' section has three buttons: 'Change Your Password', 'Add Your Phone Number', and 'What Do You Think of Educake?'. A large blue arrow points from the left side of the image towards the 'Set Yourself a Test' button in the 'GCSE Science - AQA' section.

Section	Item	
Key Stage 3 Science	Answer 10 Random Questions	
	Set Yourself a Test	
	View Your Test Results	
	View Your Results by Topic	
	GCSE Science - AQA	
	Answer 10 Random Questions	
	Set Yourself a Test	
	View Your Test Results	
	View Your Results by Topic	
	Reports	View Your Report
Help		Change Your Password
		Add Your Phone Number
		What Do You Think of Educake?

Set yourself a test and see how much you know...

- 1 Educake will create a test for you
- 2 Choose how many questions you want
- 3 Choose the subject, unit and topics
- 4 Click on Take Test and off you go. Simple!

1 – Choose the Subjects

Biology

Chemistry

Physics

Maths for Science

Working Scientifically



2 – Choose the Units

4.1 Cell Biology (Paper 1)

4.2 Organisation (Paper 1)

4.3 Infection and Response (Paper 1)

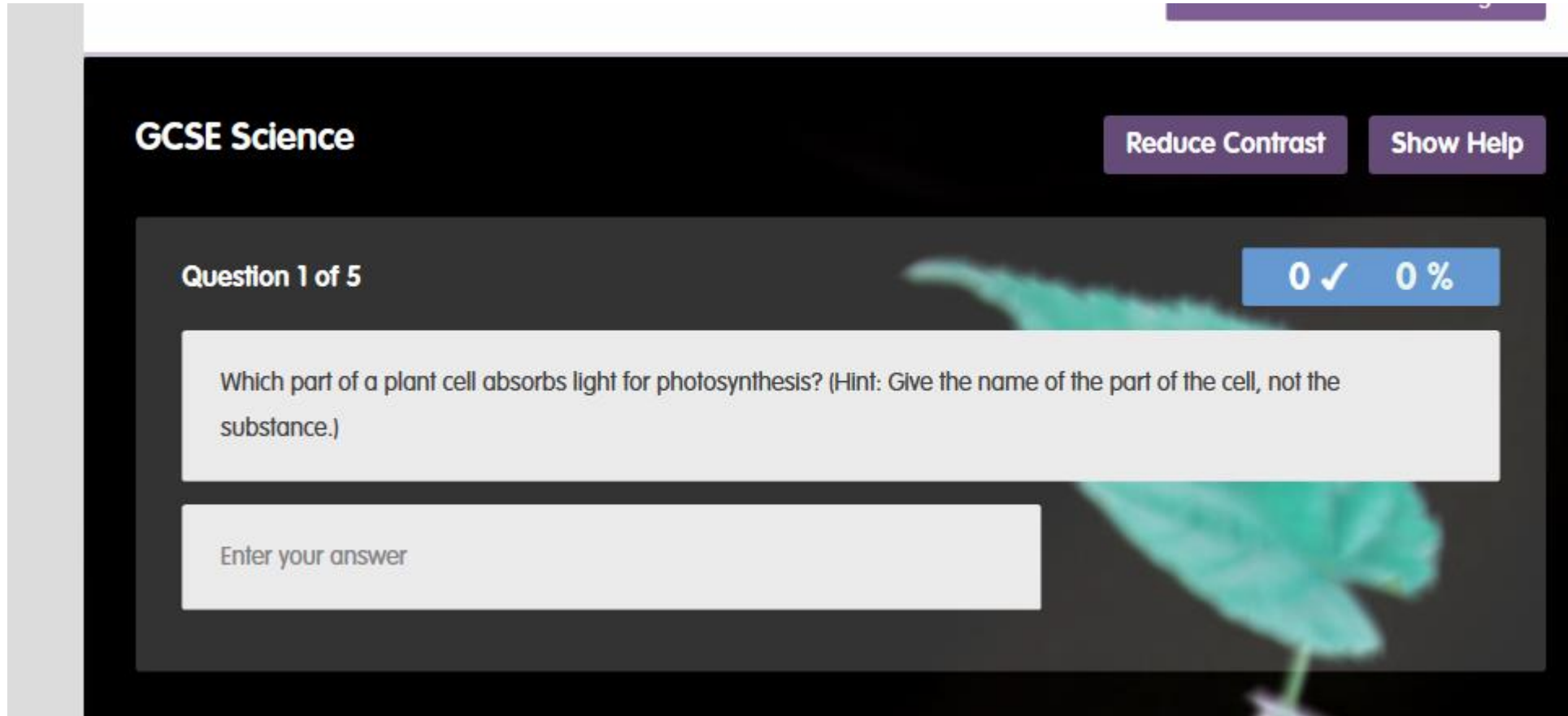
4.4 Bioenergetics (Paper 1)

4.5 Homeostasis and Response (Paper 2)

4.6 Inheritance, Variance and Evolution (Paper 2)

4.7 Ecology (Paper 2)

Students answer questions

A screenshot of a digital learning interface for GCSE Science. The interface has a dark background with a light grey sidebar on the left. At the top left, the text 'GCSE Science' is displayed in white. To the right of this, there are two purple buttons: 'Reduce Contrast' and 'Show Help'. Below the title, the text 'Question 1 of 5' is shown in white. To the right of this, a blue box contains the text '0 ✓ 0 %'. The main content area is a light grey box containing the question: 'Which part of a plant cell absorbs light for photosynthesis? (Hint: Give the name of the part of the cell, not the substance.)'. Below the question is a white text input field with the placeholder text 'Enter your answer'. In the background, there is a faint image of a green leaf.

GCSE Science

Reduce Contrast Show Help

Question 1 of 5 0 ✓ 0 %

Which part of a plant cell absorbs light for photosynthesis? (Hint: Give the name of the part of the cell, not the substance.)

Enter your answer

They get immediate feedback

Question 1 of 5

Next Question >

Which part of a plant cell absorbs light for photosynthesis? (Hint: Give the name of the part of the cell, not the substance.)

✓ chloroplast is RIGHT

The right answer is "chloroplast" or "chloroplasts"

Question 2 of 5

Next Question >

The plant cell wall is made of a material called _____. What one word completes this sentence?

x **lianin is WRONG**


















The right answer is "cellulose"

You can review your questions and take the test again to get 100%

My Educake > GCSE Science Test Results [Show Help](#)

Name / Main Topic	Year	Class	Completed	Start Date	End Date
Cells, tissues and organs,	11	All	1 / 1	18-01-2019	18-01-2019

All Q1 Q2 Q3 Q4 Q5

Daniel Barnett  80%                

[View Your Progress >](#)

[Take test again >](#)

My Educake > Track Your Progress on GCSE Science, Biology

Topic	Percentage Correct	Questions Answered	Answer 10 More Questions
4.1 Cell Biology (Paper 1)			
Cells, tissues and organs	66%	116	▶
Cell specialisation	0%	0	▶
Microscopy	38%	8	▶
Cell division	0%	0	▶
Diffusion and osmosis	50%	12	▶
Active transport	0%	0	▶
4.2 Organisation (Paper 1)			
Organisation and the human digest...	0%	0	▶
Human digestive enzymes	0%	0	▶
Human circulatory system	0%	0	▶
Non-communicable diseases	0%	0	▶
Structure of plants	0%	0	▶
4.3 Infection and Response (Paper 1)			
Communicable diseases	90%	30	▶
Preventing diseases	60%	20	▶
Antibiotics, painkillers and drugs	0%	0	▶
Monoclonal antibodies (separate bi...	0%	0	▶
Plant disease (separate biology on...	0%	0	▶
4.4 Bioenergetics (Paper 1)			
Photosynthesis	31%	29	▶
Aerobic and anaerobic respiration	0%	0	▶

- The view your progress page lets you see how well you have done on each topic – percentage correct
- You can answer 10 more questions on your weaker topics until you are getting a higher percentage correct.

Biology
Chemistry
Physics
Maths for Science
Working Scientifically



4.1 Cell Biology (Paper 1)
4.2 Organisation (Paper 1)
4.3 Infection and Response (Paper 1)
4.4 Bioenergetics (Paper 1)
4.5 Homeostasis and Response (Paper 2)
4.6 Inheritance, Variance and Evolution (Paper 2)
4.7 Ecology (Paper 2)
Biology Practicals

3 – Choose the Topics

Topic	Topic Detail
Microbiology	Investigate the effect of antiseptics or antibiotics on bacterial growth
Osmosis	Investigate the effect of salt or sugar solutions on plant tissue
Enzymes	Investigate the effect of a factor on the rate of an enzyme-controlled reaction
Photosynthesis	Investigate the effect of a factor on the rate of photosynthesis
Reaction time	Investigate the effect of a factor on human reaction time
Germination	Investigate the effect of light on the growth of newly germinated shoots
Field investigations	Investigate the population size of a common species in a habitat
Decay	Investigate the effect of a factor on the rate of decay
Microscopy	Use a light microscope to observe, draw and label a selection of plant and animal cells. A scale magnification must be included.
Food tests	Use qualitative reagents to test for a range of carbohydrates, lipids and proteins. To include: Benedict's test for sugars; iodine test for starch; and Biuret reagent for protein.

- The exam will ask questions about set practicals that students have been taught.
- There are questions on these too.

There are relevant maths questions too.

- 3 Choose the subject, unit and topics
- 4 Click on Take Test and off you go. Simple!

1 – Choose the Subjects

Biology

Chemistry

Physics

Maths for Science

Working Scientifically



2 – Choose the Units

Arithmetic and Numerical Computation

Handling Data

Algebra

Graphs

Geometry and Trigonometry

- Thank you.