

### Years 7 and 8 science independent study tasks

- Access the glossaries on Pupil Work Drive. Read through them, cover them over and then see if you can recall all the words. Use the definitions to help you.
- Write new sentences using the words in the glossaries, relating them to the content you have recently covered in class.
- Complete the relevant crosswords from the Glossaries folder on Pupil Work Drive.
- Make flashcards for the glossary. Write the definition on one side and the key word on the other. Use these flashcards to test yourself, or get a parent/sibling/friend to test you.
- Set yourself an Educake quiz (guide below) on a relevant topic area:

### YEAR 7 EDUCAKE TOPICS

Term	Science	Topic	Area
Autumn	Working scientifically	Experimental skills and investigations	<ul style="list-style-type: none"> <li>• Developing hypotheses</li> <li>• Planning experiments</li> <li>• Recording accurate results</li> </ul>
	Biology	Structure and function of living organisms	<ul style="list-style-type: none"> <li>• Cells</li> <li>• Components of a cell</li> <li>• Plant and animal cells</li> <li>• Diffusion</li> <li>• Unicellular organisms</li> <li>• Multicellular organisms</li> </ul>
	Chemistry	Particulate Nature of Matter	ALL
	Physics	Motion and forces	<ul style="list-style-type: none"> <li>• Balanced and unbalanced forces</li> <li>• Forces and objects</li> <li>• Measuring forces</li> <li>• Extension and deformation</li> <li>• Non-contact forces</li> <li>• Friction and air resistance</li> </ul>
Spring	Working scientifically	Analysis and evaluation	<ul style="list-style-type: none"> <li>• Calculating results and presenting data</li> <li>• Interpreting data</li> <li>• Errors</li> </ul>
	Biology	Structure and function of living organisms	<ul style="list-style-type: none"> <li>• Human skeleton</li> <li>• Biomechanics</li> <li>• Muscles</li> <li>• Gas exchange in humans</li> <li>• Breathing</li> </ul>
	Chemistry	Atoms, elements and compounds	<ul style="list-style-type: none"> <li>• Atoms, Elements and Compounds...</li> </ul>
	Physics	Energy	ALL

Term	Science	Topic	Area
Summer	Working scientifically	Scientific attitudes	<ul style="list-style-type: none"> <li>• Accuracy, precision, repeatability and reproducibility</li> <li>• Scientific theories and models</li> <li>• Risks in science</li> </ul>
	Biology	Structure and function of living organisms	<ul style="list-style-type: none"> <li>• Healthy diet</li> <li>• Energy in food</li> <li>• Imbalances in diet</li> <li>• Human digestion</li> <li>• Exercise, asthma and smoking</li> <li>• Recreational drugs</li> </ul>
	Chemistry	Reactions	<ul style="list-style-type: none"> <li>• Reactions</li> <li>• Equations</li> <li>• Chemical reactions</li> <li>• Energetics</li> <li>• Conservation of mass</li> <li>• Periodic table (groups)</li> <li>• Reaction patterns</li> </ul>
	Physics	Electricity and magnetism	ALL

#### YEAR 8 EDUCAKE TOPICS

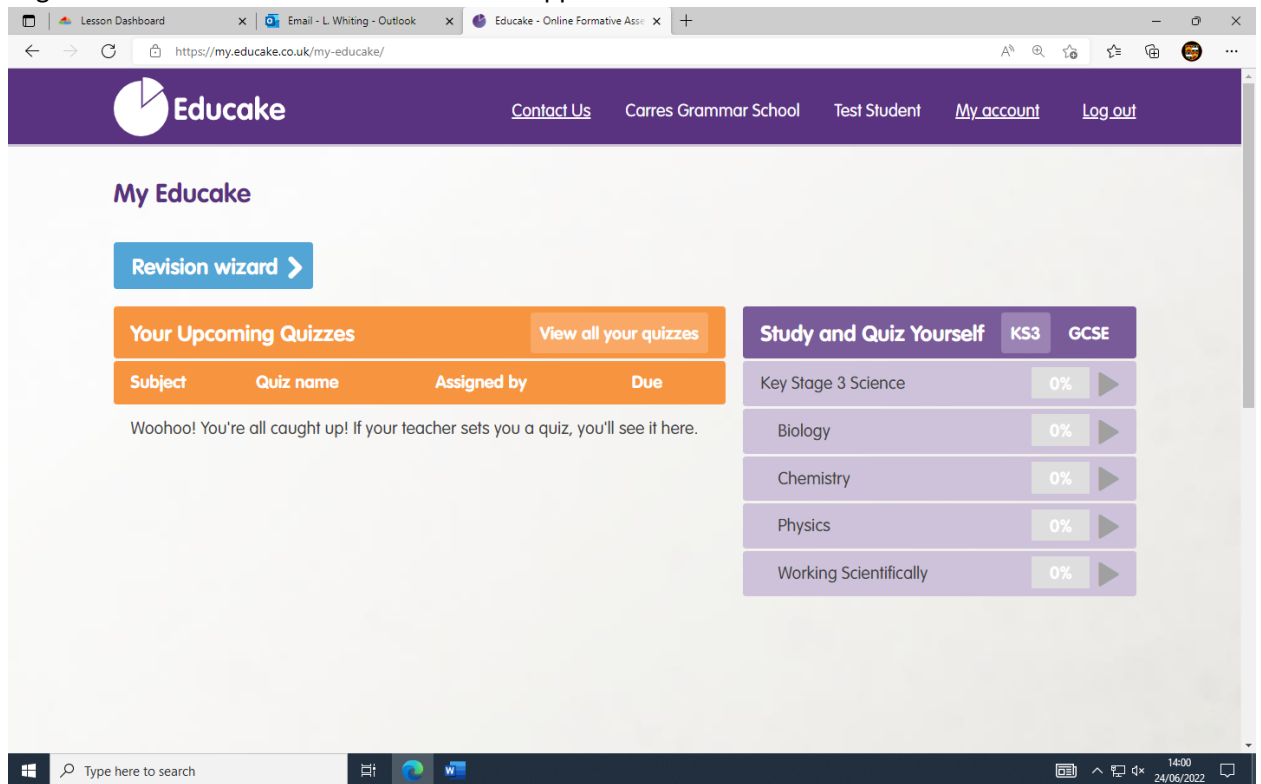
Term	Science	Topic	Area
Autumn	Working scientifically	Experimental skills and investigations	<ul style="list-style-type: none"> <li>• Carrying out experiments</li> <li>• Techniques and apparatus</li> <li>• Sampling</li> </ul>
	Biology	Structure and function of living organisms	<ul style="list-style-type: none"> <li>• Human reproductive systems</li> <li>• Menstruation, gestation and birth</li> <li>• Plant reproduction</li> <li>• Pollination and seed dispersal</li> </ul>
	Chemistry	Separation techniques (Pure and impure substances)	<ul style="list-style-type: none"> <li>• Separating mixtures</li> </ul>
	Physics	Forces and motion	<ul style="list-style-type: none"> <li>• Speed, distance and time</li> <li>• Distance-time graphs</li> <li>• Moments</li> <li>• Measuring pressure</li> <li>• Atmospheric pressure</li> <li>• Pressure in liquids</li> </ul>

Spring	Working scientifically	Measurement	<ul style="list-style-type: none"> <li>• SI units</li> <li>• Simple calculations</li> </ul>
	Biology	Material cycles and energy	<ul style="list-style-type: none"> <li>• Photosynthesis</li> <li>• Life depends on photosynthesis</li> <li>• Adaptations of leaves</li> <li>• Aerobic respiration</li> <li>• Cellular respiration</li> <li>• Anaerobic respiration</li> </ul>
		Structure and function of living organisms	<ul style="list-style-type: none"> <li>• Plant nutrients</li> </ul>
		Interactions and interdependencies	<ul style="list-style-type: none"> <li>• Food webs and interdependence</li> <li>• Pollution and human impact on the environment</li> </ul>
	Chemistry	Acids, alkalis and metals	<ul style="list-style-type: none"> <li>• Acids and alkalis</li> <li>• pH Scale</li> <li>• Acid and alkalis reactions</li> </ul>
	Physics	Waves	ALL
Summer	Working scientifically	Scientific attitudes	<ul style="list-style-type: none"> <li>• Peer review and ethics</li> <li>• Hazard symbols</li> </ul>
	Biology	Genetics and evolution	ALL
	Chemistry	The Earth	<ul style="list-style-type: none"> <li>• Composition &amp; structure of the Earth</li> <li>• Earth's atmosphere</li> <li>• Rock cycle</li> <li>• Carbon cycle</li> <li>• Carbon dioxide and climate change</li> <li>• Earth's resources and sustainability</li> </ul>
	Physics	Space physics	ALL

Throughout the year, don't forget to include quizzes revisiting areas from earlier in the year to keep them in your long term memory.

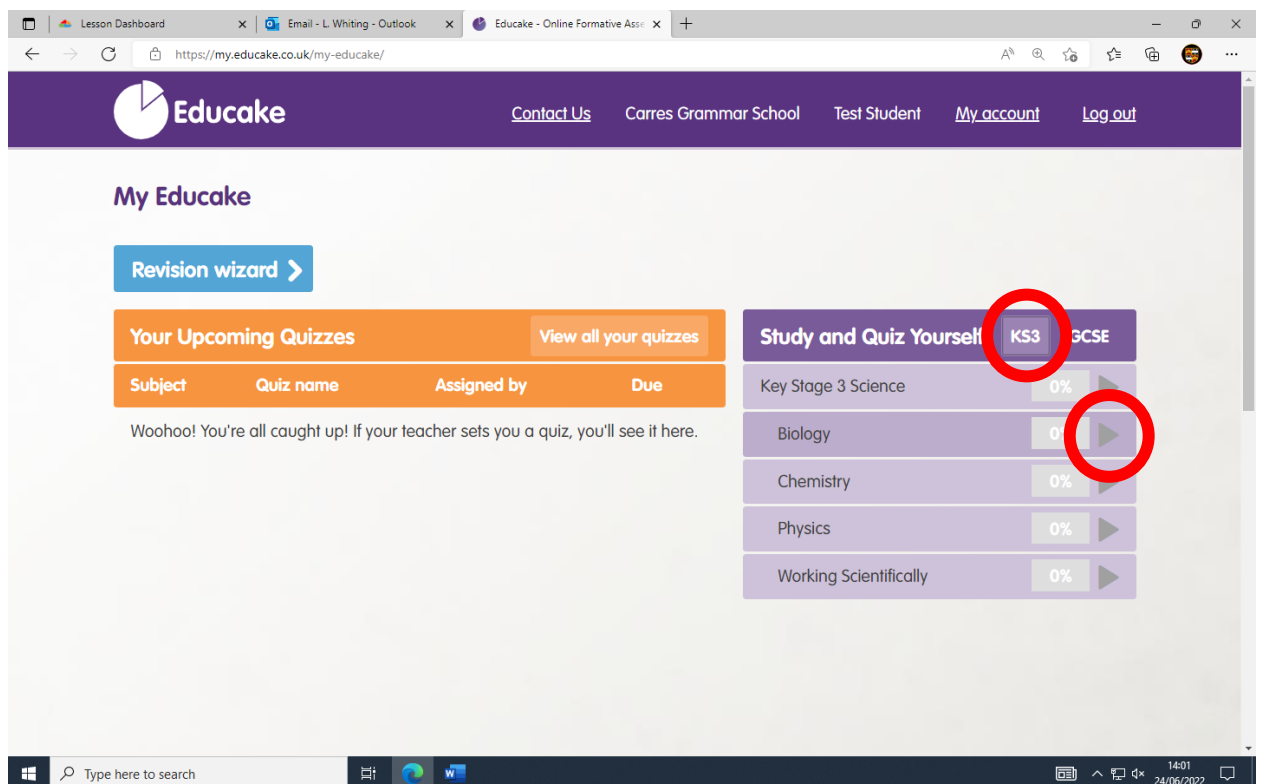
If you can't remember how to set yourself an Educake quiz, you can use the guide starting on the next page:

1. Log in to Educake and the home screen will appear.



The screenshot shows the Educake home screen in a web browser. The browser's address bar displays <https://my.educake.co.uk/my-educake/>. The page has a purple header with the Educake logo and navigation links: [Contact Us](#), [Carres Grammar School](#), [Test Student](#), [My account](#), and [Log out](#). Below the header, the main content area is titled 'My Educake'. It features a blue 'Revision wizard >' button. To the left, there is a section for 'Your Upcoming Quizzes' with a 'View all your quizzes' link. Below this is a table with columns: Subject, Quiz name, Assigned by, and Due. The table is currently empty, with a message below it: 'Woohoo! You're all caught up! If your teacher sets you a quiz, you'll see it here.' To the right, there is a 'Study and Quiz Yourself' section with two tabs: 'KS3' and 'GCSE'. The 'KS3' tab is selected. Under this tab, there is a list of subjects: Key Stage 3 Science, Biology, Chemistry, Physics, and Working Scientifically. Each subject has a progress bar showing 0% and a right-pointing arrow.

2. In the purple 'Study and Quiz Yourself' box, click KS3, and then the science you want to focus on.



This screenshot is identical to the one above, but with two red circles highlighting specific elements. The first circle is around the 'KS3' tab in the 'Study and Quiz Yourself' section. The second circle is around the right-pointing arrow next to 'Key Stage 3 Science' in the subject list.

3. Select the area you want to work on...

The screenshot shows a web browser window with the URL <https://my.educake.co.uk/my-educake/track-progress/1>. The page title is "Key Stage 3 Science, Biology". There is a button "Show only weakest topics". Below this is a table with columns "Topic", "Qs done", and "%". The table lists several topics, with "Material Cycles and Energy" circled in red.

Topic	Qs done	%
Key Stage 3 Science	0	0%
^ Biology	0	0%
Structure and Function of Living Organisms	0	0%
Material Cycles and Energy	0	0%
Interactions and Interdependencies	0	0%
Genetics and Evolution	0	0%

4. Select 'Quiz >' for the area you want to test yourself on.

The screenshot shows a web browser window with the URL <https://my.educake.co.uk/my-educake/track-progress/1>. The page title is "Material Cycles and Energy". There is a button "Select multiple topics". Below this is a table with columns "Topic", "Qs done", and "%". The table lists several topics, with the "Quiz >" button for "Adaptations of leaves" circled in red.

Topic	Qs done	%
Material Cycles and Energy	0	0%
Photosynthesis	0	0%
Life Depends on Photosynthesis	0	0%
Adaptations of leaves	0	0%
Cellular respiration	0	0%
Anaerobic respiration	0	0%
Aerobic Respiration	0	0%

5. Choose how many questions you want to do, and whether to include questions you have recently answered correctly – selecting 'No' will make the test more useful as it will focus on areas for development more.

**Adaptations of leaves**

There are 15 questions in this quiz.

**Customise quiz**

How many questions do you want? (Max is 15)

15

Leave out questions you got right recently?

☐ Yes ☒ No

**Begin quiz** >

6. Click 'Begin quiz >'.

**Adaptations of leaves**

There are 15 questions in this quiz.

**Customise quiz**

How many questions do you want? (Max is 15)

15

Leave out questions you got right recently?

☐ Yes ☒ No

**Begin quiz** >

7. Take the quiz. Make sure to read the explanations after each question, even if you got it right. If you got a low score (less than 60%), repeat the same quiz the next day. If not, try out a different topic.

### Year 9 Biology independent study tasks

- Access the glossaries on Pupil Work Drive. Read through them, cover them over and then see if you can recall all the words. Use the definitions to help you.
- Write new sentences using the words in the glossaries, relating them to the content you have recently covered in class.
- Complete the relevant crosswords from the Glossaries folder on Pupil Work Drive.
- Make flashcards for the glossary. Write the definition on one side and the key word on the other. Use these flashcards to test yourself, or get a parent/sibling/friend to test you.
- Set yourself an Educake quiz (guide below) on a relevant topic area:

Term	Topic	Area
Autumn	4.7 Ecology	<ul style="list-style-type: none"><li>• Communities</li><li>• Distribution of organisms</li><li>• Ecosystems (separate biology only)</li><li>• Environmental change</li></ul>
	Maths for Science	<ul style="list-style-type: none"><li>• Handling data</li><li>• Geometry and trigonometry</li></ul>
	Biology practicals	<ul style="list-style-type: none"><li>• Field investigations</li></ul>
Spring	4.7 Ecology	<ul style="list-style-type: none"><li>• Decomposition</li><li>• Waste management and recycling</li><li>• Land use and deforestation</li><li>• Ecosystems (separate biology only)</li><li>• Food production (separate biology only)</li></ul>
	Maths for Science	<ul style="list-style-type: none"><li>• Handling data</li><li>• Arithmetic and numerical computation</li></ul>
	Biology practicals	<ul style="list-style-type: none"><li>• Decay (separate biology only)</li></ul>
Summer	4.1 Cell biology 4.2 organisation	<ul style="list-style-type: none"><li>• ALL</li><li>• Principles of organisation</li><li>• Structure of plants</li></ul>
	Maths for Science	<ul style="list-style-type: none"><li>• Handling data</li><li>• Arithmetic and numerical computation</li></ul>
	Biology practicals	<ul style="list-style-type: none"><li>• Microscopy</li><li>• Osmosis</li></ul>

Throughout the year, don't forget to include quizzes on Maths in Science and Working Scientifically, as well as revisiting areas from earlier in the year to keep them in your long-term memory.

1. Log in to Educake and the home screen will appear.

The screenshot shows the Educake website interface. At the top, there is a purple navigation bar with the Educake logo on the left and links for 'Contact Us', 'Carres Grammar School', 'Test Student', 'My account', and 'Log out' on the right. Below the navigation bar, the main content area is titled 'My Educake'. On the left, there is a blue button labeled 'Revision wizard >'. In the center, there is an orange box titled 'Your Upcoming Quizzes' with a 'View all your quizzes' link. Below this is a table with columns: Subject, Quiz name, Assigned by, and Due. The table is currently empty, and a message below it says: 'Woohoo! You're all caught up! If your teacher sets you a quiz, you'll see it here.' On the right, there is a purple box titled 'Study and Quiz Yourself' with two tabs: 'KS3' and 'GCSE'. The 'GCSE' tab is selected. Below the tabs is a list of subjects: 'Key Stage 3 Science', 'Biology', 'Chemistry', 'Physics', and 'Working Scientifically'. Each subject has a progress bar showing '0%' and a play button icon.

Lesson Dashboard x Email - L. Whiting - Outlook x Educake - Online Formative Asses x

https://my.educake.co.uk/my-educake/

**Educake** [Contact Us](#) [Carres Grammar School](#) [Test Student](#) [My account](#) [Log out](#)

### My Educake

[Revision wizard >](#)

**Your Upcoming Quizzes** [View all your quizzes](#)

Subject	Quiz name	Assigned by	Due
Woohoo! You're all caught up! If your teacher sets you a quiz, you'll see it here.			

**Study and Quiz Yourself** **KS3** **GCSE**

Key Stage 3 Science	0%	▶
Biology	0%	▶
Chemistry	0%	▶
Physics	0%	▶
Working Scientifically	0%	▶

Type here to search

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2. In the purple 'Study and Quiz Yourself' box, click GCSE, then the science you want to focus on.



Lesson Dashboard | Email - L. Whiting - Outlook | Educake - Online Formative Assessment

https://my.educake.co.uk/my-educake/

# Educake

[Contact Us](#) [Carres Grammar School](#) [Test Student](#) [My account](#) [Log out](#)

## My Educake

[Revision wizard](#)

### Your Upcoming Quizzes

[View all your quizzes](#)

Subject	Quiz name	Assigned by	Due
Woohoo! You're all caught up! If your teacher sets you a quiz, you'll see it here.			

### Study and Quiz Yourself

KS3 **GCSE**

Key Stage 3 Science	0%	
Biology	0%	
Chemistry	0%	
Physics	0%	
Working Scientifically	0%	

3. Select the area you want to work on...

[Expand all](#) [Select multiple topics](#)

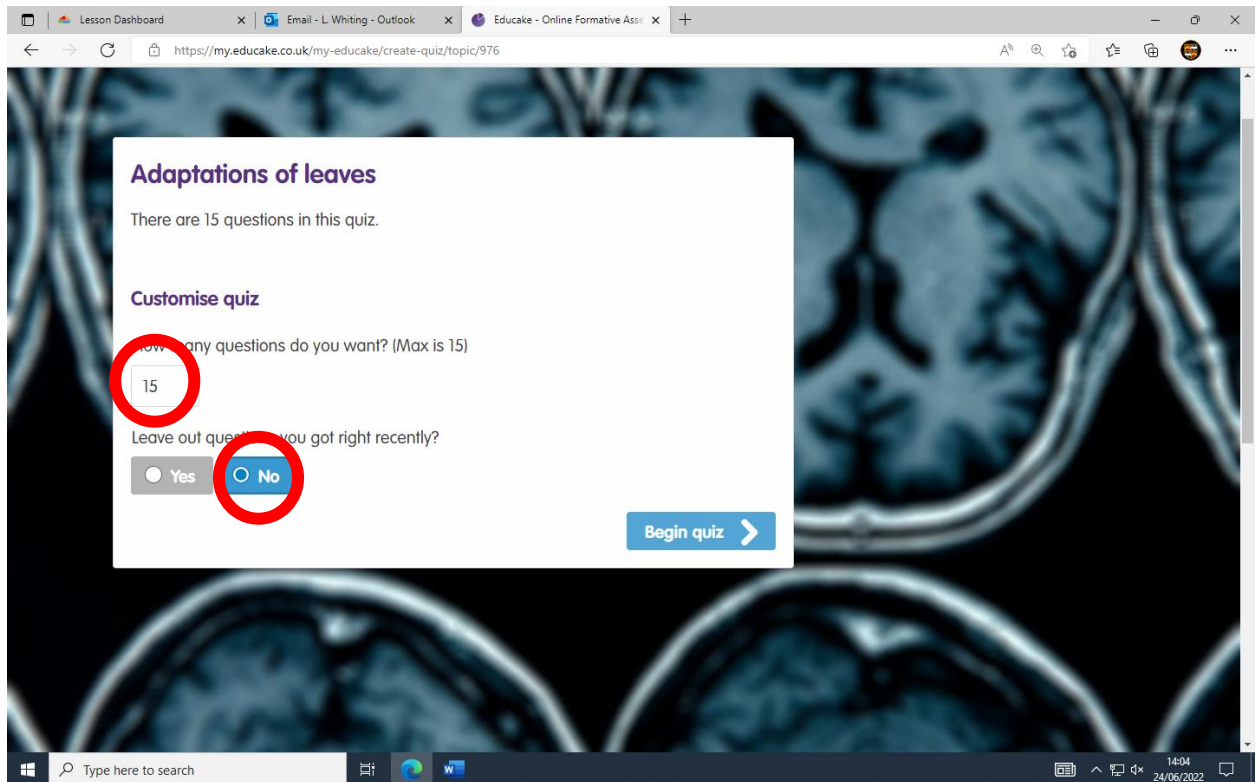
Topic	Qs done	%	
Key Stage 3 Science	0	0%	<a href="#">Quiz &gt;</a>
^ Biology	0	0%	<a href="#">Quiz &gt;</a>
v Structure and Function of Living Organisms	0	0%	<a href="#">Quiz &gt;</a>
v <b>Material Cycles and Energy</b>	0	0%	<a href="#">Quiz &gt;</a>
v Interactions and Interdependencies	0	0%	<a href="#">Quiz &gt;</a>
v Genetics and Evolution	0	0%	<a href="#">Quiz &gt;</a>

4. Select 'Quiz >' for the area you want to test yourself on.

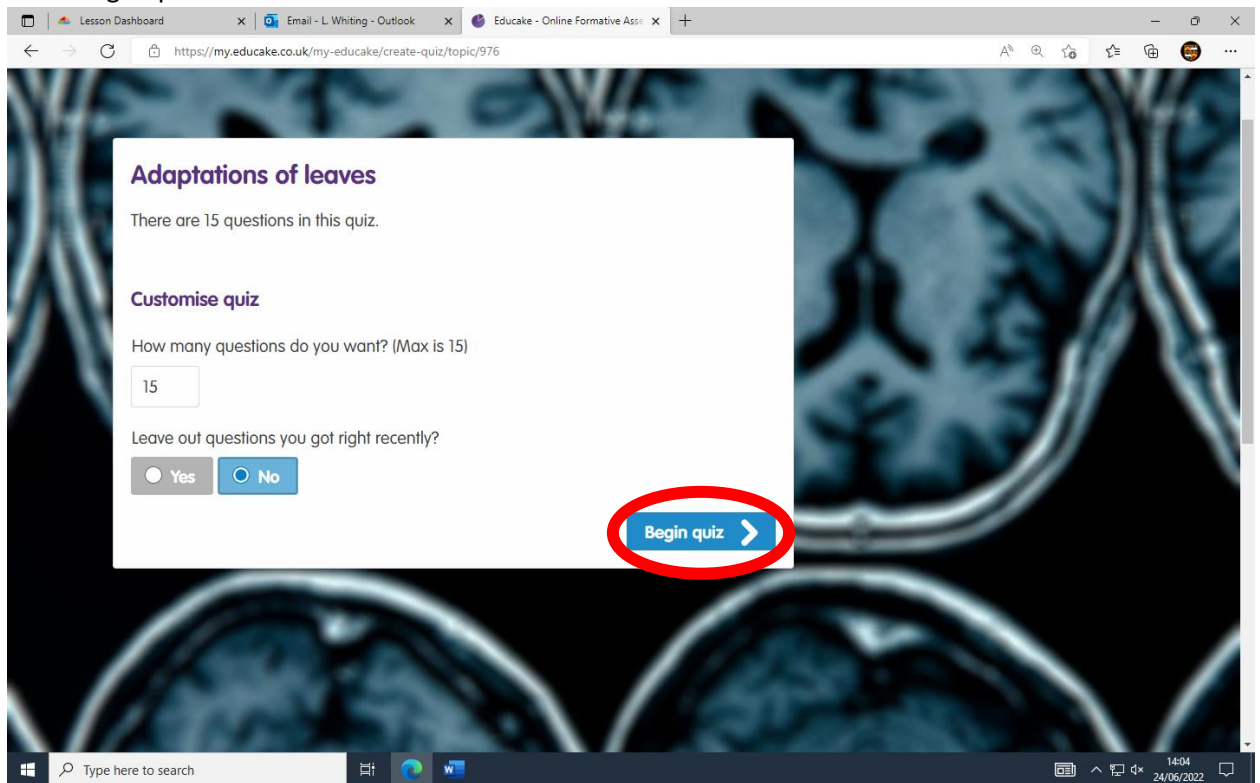
The screenshot shows a web browser window with the URL <https://my.educake.co.uk/my-educake/track-progress/1>. The page displays a list of topics under the heading 'Material Cycles and Energy'. Each topic has a title, a description, a score of 0, a progress bar at 0%, and a 'Quiz' button. The 'Adaptations of leaves' topic is highlighted with a red circle around its 'Quiz' button.

Topic	Description	Score	Progress	Action
Material Cycles and Energy		0	0%	Quiz >
Photosynthesis	Reactants in, and products of, photosynthesis, and a word summary for photosynthesis	0	0%	Quiz >
Life Depends on Photosynthesis	The dependence of almost all life on Earth on the ability of photosynthetic organisms, such as plants and algae, to use sunlight in photosynthesis to build organic molecules that are an essential energy store and to maintain levels of oxygen and carbon dioxide in the atmosphere	0	0%	Quiz >
Adaptations of leaves	Adaptations of leaves for photosynthesis	0	0%	Quiz >
Cellular respiration	Aerobic and anaerobic respiration in living organisms, including the breakdown of organic molecules to enable all the other chemical processes necessary for life, and the word summary for aerobic respiration	0	0%	Quiz >
Anaerobic respiration	Process of anaerobic respiration in humans and micro-organisms, including fermentation, and a word summary for anaerobic respiration; the differences between aerobic and anaerobic respiration in terms of the reactants	0	0%	Quiz >
Aerobic Respiration	aerobic respiration in living organisms, including a word summary for aerobic respiration	0	0%	Quiz >

- Choose how many questions you want to do, and whether to include questions you have recently answered correctly – selecting 'No' will make the test more useful as it will focus on areas for development more.



6. Click 'Begin quiz >'.



7. Take the quiz. Make sure to read the explanations after each question, even if you got it right. If you got a low score, repeat the same quiz the next day. If not, try out a different topic.

### Year 9 Chemistry independent study tasks

- Access the glossaries on Pupil Work Drive. Read through them, cover them over and then see if you can recall all the words. Use the definitions to help you.
- Write new sentences using the words in the glossaries, relating them to the content you have recently covered in class.
- Complete the relevant crosswords from the Glossaries folder on Pupil Work Drive.
- Make flashcards for the glossary. Write the definition on one side and the key word on the other. Use these flashcards to test yourself, or get a parent/sibling/friend to test you.
- Set yourself an Educake quiz (guide below) on a relevant topic area:

Term	Topic	Area
1	4.9 – Chemistry of the Atmosphere	<ul style="list-style-type: none"><li>• Composition of Earth’s atmosphere</li><li>• The Greenhouse Effect</li><li>• Atmospheric Pollutants</li><li>• Carbon Footprint and Climate Change</li></ul>
2	4.10 – Using Resources (Paper 2)	<ul style="list-style-type: none"><li>• Earth’s Resources</li><li>• Water Treatment</li><li>• Lifecycle Assessments and Recycling</li></ul>
	Chemistry Practicals	<ul style="list-style-type: none"><li>• Water Purification</li></ul>
3	4.1 – Atomic Structure and the Periodic Table (Paper 1)	<ul style="list-style-type: none"><li>• Atoms, elements, and compounds: the basics</li><li>• Mixtures</li><li>• Atomic models</li></ul>
4	Working Scientifically	<ul style="list-style-type: none"><li>• Scientific theories and methods</li><li>• Scientific models</li></ul>
	Chemistry Practicals	<ul style="list-style-type: none"><li>• Chromatography</li></ul>
5	4.1 – Atomic Structure and the Periodic Table (Paper 1)	<ul style="list-style-type: none"><li>• The Periodic Table</li><li>• Group 1</li><li>• Group 1</li><li>• Group 7</li><li>• Transition Metals</li></ul>
6	4.2 – Bonding, Structure and the Properties of Matter	<ul style="list-style-type: none"><li>• Chemical Bonds</li><li>• State of Matter</li><li>• Types of Compounds</li><li>• Metals &amp; Alloys</li><li>• Giant Covalent Structures</li><li>• Nanoscience</li></ul>

Throughout the year, don’t forget to include quizzes on Maths in Science and Working Scientifically, as well as revisiting areas from earlier in the year to keep them in your long-term memory.

8. Log in to Educake and the home screen will appear.

The screenshot shows the Educake home screen. At the top is a purple navigation bar with the Educake logo and links for 'Contact Us', 'Carres Grammar School', 'Test Student', 'My account', and 'Log out'. Below the navigation bar is the 'My Educake' section. It features a blue 'Revision wizard' button with a right arrow. To the right of this is a section titled 'Your Upcoming Quizzes' with a 'View all your quizzes' link. Below this is a table with columns: 'Subject', 'Quiz name', 'Assigned by', and 'Due'. The table is currently empty, with a message below it: 'Woohoo! You're all caught up! If your teacher sets you a quiz, you'll see it here.' To the right of the 'Your Upcoming Quizzes' section is a 'Study and Quiz Yourself' box. This box has two tabs: 'KS3' and 'GCSE'. Below the tabs is a list of subjects: 'Key Stage 3 Science', 'Biology', 'Chemistry', 'Physics', and 'Working Scientifically'. Each subject has a progress bar showing '0%' and a right arrow.

9. In the purple 'Study and Quiz Yourself' box, click GCSE, then the science you want to focus on.

This screenshot is similar to the previous one, but with the 'GCSE' tab selected in the 'Study and Quiz Yourself' box. The 'GCSE' tab is highlighted with a red circle. Below the tabs, the list of subjects remains the same. The 'Physics' subject's progress bar and right arrow are highlighted with a red circle.

10. Select the area you want to work on...

Topic	Qs done	%	
<a href="#">Expand all</a>			<a href="#">Select multiple topics</a>
Key Stage 3 Science	0	0%	<a href="#">Quiz &gt;</a>
^ Biology	0	0%	<a href="#">Quiz &gt;</a>
v Structure and Function of Living Organisms	0	0%	<a href="#">Quiz &gt;</a>
v Material Cycles and Energy	0	0%	<a href="#">Quiz &gt;</a>
v Interactions and Interdependencies	0	0%	<a href="#">Quiz &gt;</a>
v Genetics and Evolution	0	0%	<a href="#">Quiz &gt;</a>

11. Select 'Quiz >' for the area you want to test yourself on.

^ Material Cycles and Energy		0	0%	<a href="#">Quiz &gt;</a>
Photosynthesis	Reactants in, and products of, photosynthesis, and a word summary for photosynthesis	0	0%	<a href="#">Quiz &gt;</a>
Life Depends on Photosynthesis	The dependence of almost all life on Earth on the ability of photosynthetic organisms, such as plants and algae, to use sunlight in photosynthesis to build organic molecules that are an essential energy store and to maintain levels of oxygen and carbon dioxide in the atmosphere	0	0%	<a href="#">Quiz &gt;</a>
Adaptations of leaves	Adaptations of leaves for photosynthesis	0	0%	<a href="#">Quiz &gt;</a>
Cellular respiration	Aerobic and anaerobic respiration in living organisms, including the breakdown of organic molecules to enable all the other chemical processes necessary for life, and the word summary for aerobic respiration	0	0%	<a href="#">Quiz &gt;</a>
Anaerobic respiration	Process of anaerobic respiration in humans and micro-organisms, including fermentation, and a word summary for anaerobic respiration; the differences between aerobic and anaerobic respiration in terms of the reactants	0	0%	<a href="#">Quiz &gt;</a>
Aerobic Respiration	aerobic respiration in living organisms, including a word summary for aerobic respiration	0	0%	<a href="#">Quiz &gt;</a>

12. Choose how many questions you want to do, and whether to include questions you have recently answered correctly – selecting ‘No’ will make the test more useful as it will focus on areas for development more.

**Adaptations of leaves**

There are 15 questions in this quiz.

**Customise quiz**

How many questions do you want? (Max is 15)

15

Leave out questions you got right recently?

☐ Yes ☒ No

**Begin quiz >**

13. Click ‘Begin quiz >’.

**Adaptations of leaves**

There are 15 questions in this quiz.

**Customise quiz**

How many questions do you want? (Max is 15)

15

Leave out questions you got right recently?

☐ Yes ☒ No

**Begin quiz >**

14. Take the quiz. Make sure to read the explanations after each question, even if you got it right. If you got a low score (i.e. less than 60%), repeat the same quiz the next day. If not, try out a different topic.

### Year 9 Physics independent study tasks

- Access the glossaries on Pupil Work Drive. Read through them, cover them over and then see if you can recall all the words. Use the definitions to help you.
- Write new sentences using the words in the glossaries, relating them to the content you have recently covered in class.
- Complete the relevant crosswords from the Glossaries folder on Pupil Work Drive.
- Make flashcards for the glossary. Write the definition on one side and the key word on the other. Use these flashcards to test yourself, or get a parent/sibling/friend to test you.
- Set yourself an Educake quiz (guide below) on a relevant topic area:

Term	Topic	Area
1	4.3 – Particle Model of Matter (Paper 1)	<ul style="list-style-type: none"><li>• Density of materials</li><li>• Changes of states</li><li>• Energy transfers</li></ul>
	Physics Practicals	<ul style="list-style-type: none"><li>• Specific heat capacity</li><li>• Density</li></ul>
	Physics Equations	<ul style="list-style-type: none"><li>• Density equation</li></ul>
2	4.3 – Particle Model of Matter (Paper 1)	<ul style="list-style-type: none"><li>• Particle motion in gases</li><li>• Pressure in gases (separate physics only)</li><li>• Work done on gases (separate physics only)</li></ul>
3	4.4 – Atomic Structure (Paper 1)	<ul style="list-style-type: none"><li>• Atoms and isotopes</li><li>• Radiation</li></ul>
4	4.4 – Atomic Structure (Paper 1)	<ul style="list-style-type: none"><li>• Radioactive contamination</li><li>• Hazards and uses of radiation (separate physics only)</li><li>• Nuclear fission and fusion (separate physics only)</li></ul>
5	4.1 – Energy (Paper 1)	<ul style="list-style-type: none"><li>• Energy</li><li>• Power</li></ul>
	Physics Equations	<ul style="list-style-type: none"><li>• Power equations</li><li>• Efficiency equations</li></ul>
6	4.1 – Energy (Paper 1)	<ul style="list-style-type: none"><li>• Energy changes in systems</li><li>• Energy resources</li></ul>
	Physics Practicals	<ul style="list-style-type: none"><li>• Thermal insulation (separate physics only)</li></ul>
	Physics Equations	<ul style="list-style-type: none"><li>• Equations for changes in energy</li></ul>

Throughout the year, don't forget to include quizzes on Maths in Science and Working Scientifically, as well as revisiting areas from earlier in the year to keep them in your long-term memory.



15. Log in to Educake and the home screen will appear.

The screenshot shows the Educake home screen. The top navigation bar is purple with the Educake logo and links for 'Contact Us', 'Carres Grammar School', 'Test Student', 'My account', and 'Log out'. The main content area is titled 'My Educake' and features a blue 'Revision wizard' button. Below this is a section for 'Your Upcoming Quizzes' with a table that has columns for 'Subject', 'Quiz name', 'Assigned by', and 'Due'. The table is currently empty, with a message: 'Woohoo! You're all caught up! If your teacher sets you a quiz, you'll see it here.' To the right of the table is a 'Study and Quiz Yourself' section with two tabs: 'KS3' and 'GCSE'. The 'GCSE' tab is selected, showing a list of subjects: 'Key Stage 3 Science', 'Biology', 'Chemistry', 'Physics', and 'Working Scientifically', each with a '0%' progress indicator and a right-pointing arrow.

16. In the purple 'Study and Quiz Yourself' box, click GCSE, then the science you want to focus on.

This screenshot is similar to the previous one, but with the 'GCSE' tab selected in the 'Study and Quiz Yourself' section. The 'GCSE' tab is highlighted with a red circle. Below the tabs, the list of subjects remains the same. The 'Physics' subject row is highlighted with a red circle, and its right-pointing arrow is also circled in red, indicating the next step in the process.

17. Select the area you want to work on...

Topic	Qs done	%	
<a href="#">Expand all</a>			<a href="#">Select multiple topics</a>
Key Stage 3 Science	0	0%	<a href="#">Quiz &gt;</a>
^ Biology	0	0%	<a href="#">Quiz &gt;</a>
v Structure and Function of Living Organisms	0	0%	<a href="#">Quiz &gt;</a>
v Material Cycles and Energy	0	0%	<a href="#">Quiz &gt;</a>
v Interactions and Interdependencies	0	0%	<a href="#">Quiz &gt;</a>
v Genetics and Evolution	0	0%	<a href="#">Quiz &gt;</a>

18. Select 'Quiz >' for the area you want to test yourself on.

^ Material Cycles and Energy		0	0%	<a href="#">Quiz &gt;</a>
Photosynthesis	Reactants in, and products of, photosynthesis, and a word summary for photosynthesis	0	0%	<a href="#">Quiz &gt;</a>
Life Depends on Photosynthesis	The dependence of almost all life on Earth on the ability of photosynthetic organisms, such as plants and algae, to use sunlight in photosynthesis to build organic molecules that are an essential energy store and to maintain levels of oxygen and carbon dioxide in the atmosphere	0	0%	<a href="#">Quiz &gt;</a>
Adaptations of leaves	Adaptations of leaves for photosynthesis	0	0%	<a href="#">Quiz &gt;</a>
Cellular respiration	Aerobic and anaerobic respiration in living organisms, including the breakdown of organic molecules to enable all the other chemical processes necessary for life, and the word summary for aerobic respiration	0	0%	<a href="#">Quiz &gt;</a>
Anaerobic respiration	Process of anaerobic respiration in humans and micro-organisms, including fermentation, and a word summary for anaerobic respiration; the differences between aerobic and anaerobic respiration in terms of the reactants	0	0%	<a href="#">Quiz &gt;</a>
Aerobic Respiration	aerobic respiration in living organisms, including a word summary for aerobic respiration	0	0%	<a href="#">Quiz &gt;</a>

19. Choose how many questions you want to do, and whether to include questions you have recently answered correctly – selecting ‘No’ will make the test more useful as it will focus on areas for development more.

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https://my.educake.co.uk/my-educake/create-quiz/topic/976

### Adaptations of leaves

There are 15 questions in this quiz.

#### Customise quiz

How many questions do you want? (Max is 15)

Leave out questions you got right recently?

☐ Yes ☒ No

Begin quiz >

20. Click ‘Begin quiz >’.

### Adaptations of leaves

There are 15 questions in this quiz.

#### Customise quiz

How many questions do you want? (Max is 15)

Leave out questions you got right recently?

☐ Yes ☒ No

Begin quiz >

21. Take the quiz. Make sure to read the explanations after each question, even if you got it right. If you got a low score (i.e. less than 60%), repeat the same quiz the next day. If not, try out a different topic.