

# Collins hub

## Collins - Free online practice and ebooks guide

The screenshot shows the Collins hub website interface. At the top, there is a search bar and a user profile icon. Below the header, a grid of ten revision resources is displayed, each with a book cover and a title:

- AQA GCSE Biology Revision
- AQA GCSE Chemistry Revision
- AQA GCSE Combined Science Trilogy Foundation Revision
- AQA GCSE Combined Science Trilogy Higher Revision
- AQA GCSE Maths Foundation Revision
- AQA GCSE Maths Higher Revision
- AQA GCSE Physics Revision
- Edexcel GCSE Maths Foundation Revision
- Edexcel GCSE Maths Higher Revision

This collage displays two sets of adaptive practice cards. The left set is for GCSE Biology, featuring cards for various topics such as:

- Cell Biology: Eukaryotic Cells
- Cell Biology: Prokaryotic Cells
- Organisation: The Heart and Circulation
- Organisation: Gaseous Exchange
- Organisation: Health and Disease
- Infection and Response: Treating Diseases
- Infection and Response: Plant Diseases
- Bioenergetics: Photosynthesis
- Homeostasis and
- Inheritance, Variation

The right set is for GCSE Maths, featuring cards for topics like:

- Number: Basic Number
- Number: Calculating With Indices
- Number: Rounding, Estimation and Accuracy
- Algebra: Simplifying, Factorising, Expanding Brackets
- Algebra: Inequalities
- Algebra: Solving Quadratic Equations and Simultaneous Equations
- Algebra: Functions and Algebraic Proof
- Geometry and Measures

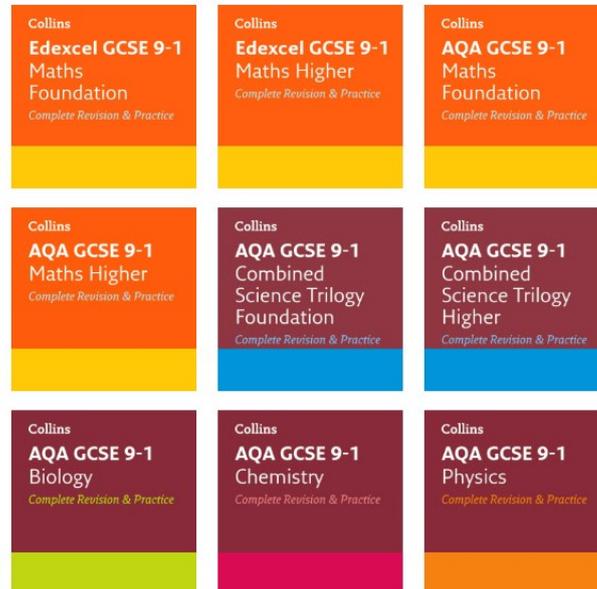
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## Signing up to the Collins Hub

To access your free online practice and ebook/s, you need to register and log in to the Collins Hub.

1. Go to [www.collinshub.co.uk/practice](http://www.collinshub.co.uk/practice)
2. Click on the cover of the book you have purchased



### 3. Register an account

You will need to create an account to access your online practice and ebook. First (below, left), enter your email address and click continue. Then (below, right) enter your first and last name and click Register.

**Collins hub**

Email \*  
gcsebiologytest@yopmail.com

**CONTINUE**

**Collins hub**

Email \*  
gcsebiologytest@yopmail.com

First Name  
|

Last Name

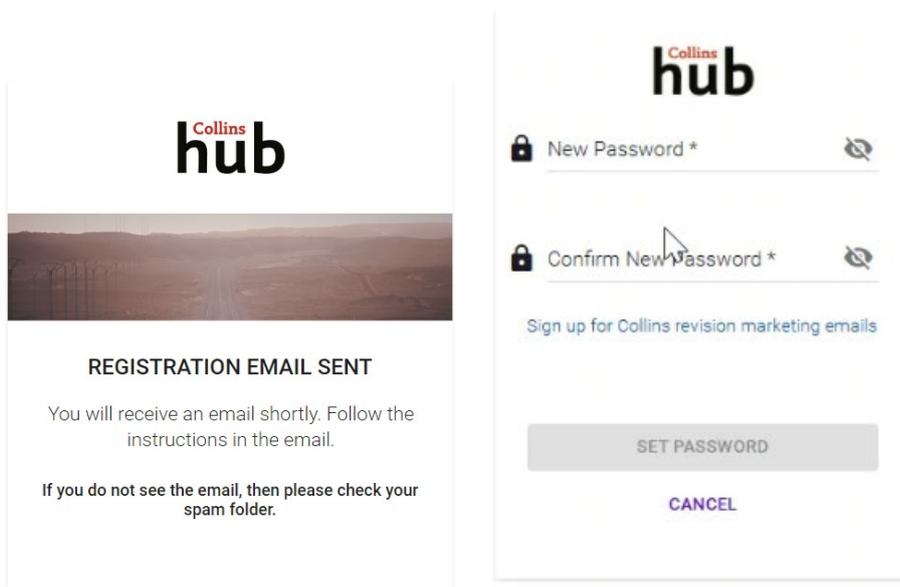
If you already have an account, click CANCEL and login with your credentials.

**REGISTER**

**CANCEL**

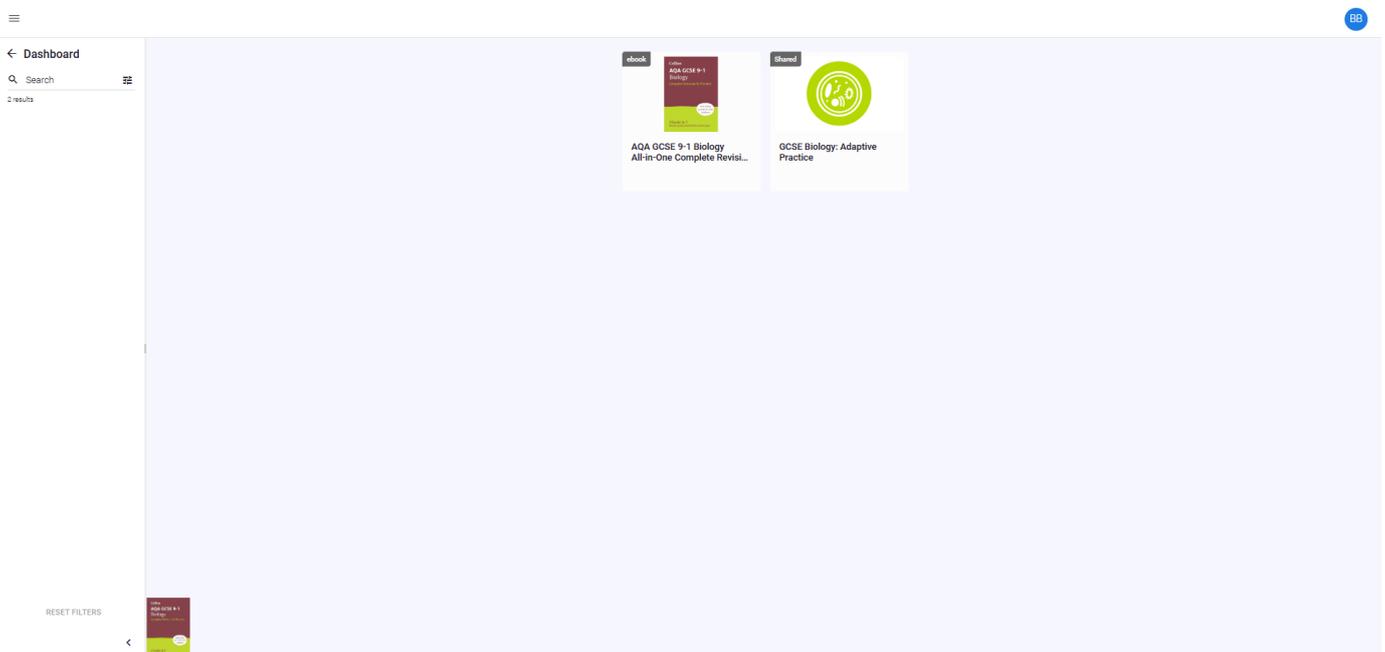
#### 4. Activate your account

Having registered, you will receive an email from the Collins Hub. Click on the link included in the email to confirm your email address and set your password.



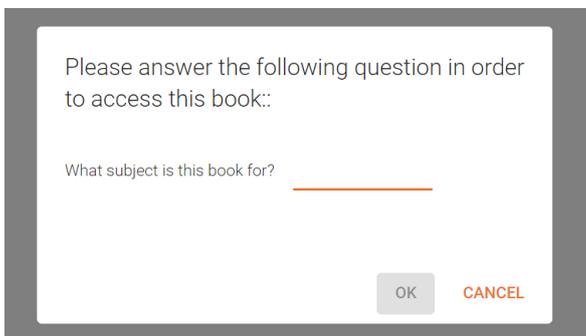
#### 5. Sign into your account

Once you set your password, you will be logged into the Collins Hub and will see the Library below.



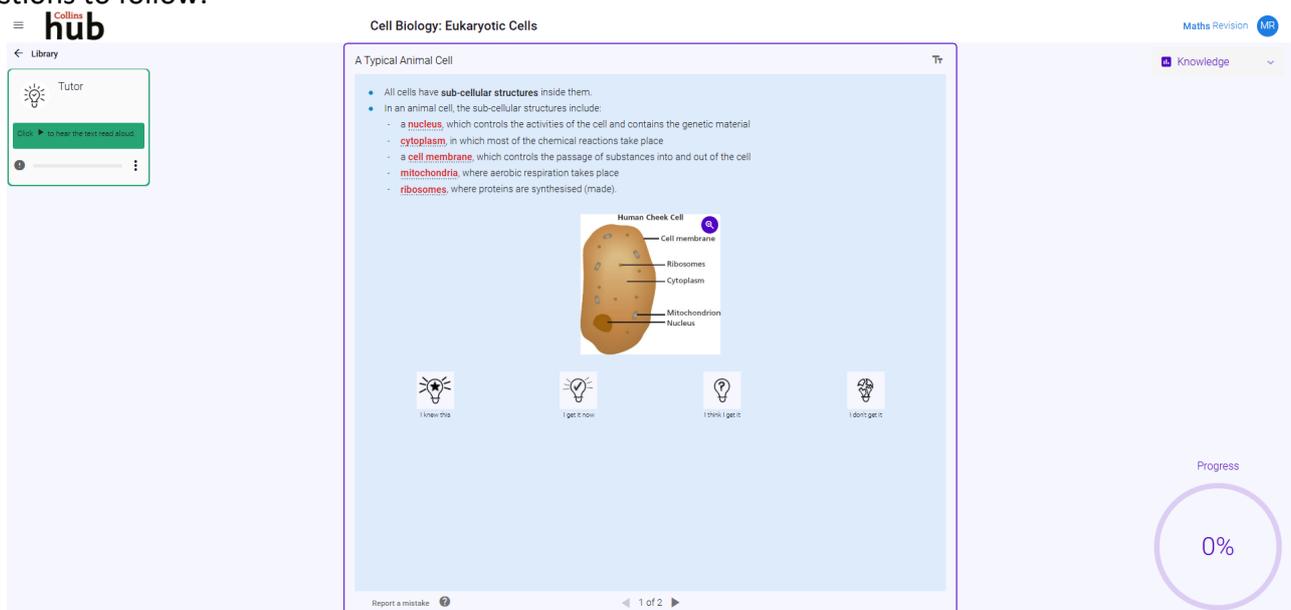
## Accessing online practice and ebook

When you access each module of the practice, or the ebook, for the first time you will be asked a question about the contents of the book you have purchased. Enter the answer and click 'OK'.



## Using the adaptive practice

When you click into the adaptive practice, you will see a series of modules arranged by topic. Click into the one you wish to practice. This will then display some information to read that will help you to answer the questions to follow.



The screenshot shows the "Colles hub" interface. The main content area is titled "Cell Biology: Eukaryotic Cells" and displays a module "A Typical Animal Cell". The text in the module includes:

- All cells have **sub-cellular structures** inside them.
- In an animal cell, the sub-cellular structures include:
  - a **nucleus**, which controls the activities of the cell and contains the genetic material
  - **cytoplasm**, in which most of the chemical reactions take place
  - a **cell membrane**, which controls the passage of substances into and out of the cell
  - **mitochondria**, where aerobic respiration takes place
  - **ribosomes**, where proteins are synthesised (made).

Below the text is a diagram of a "Human Cheek Cell" with labels for "Cell membrane", "Ribosomes", "Cytoplasm", "Mitochondrion", and "Nucleus". At the bottom of the module are four lightbulb icons with labels: "I know this", "I get it now", "I think I get it", and "I don't get it".

The interface also features a "Library" sidebar on the left, a "Tutor" section with a "Click to hear the text read aloud" button, and a "Progress" indicator on the right showing "0%".

The questions can be presented in a range of formats including multiple choice, fill in the blanks, matching pairs, checkboxes, labelling diagrams, etc.). When you have selected your answers, you need to rate how confident you are that you have selected the correct answers by clicking on a lightbulb below the answer area. This will then submit your answers. You cannot submit without choosing a lightbulb.

What are two **functions of the nucleus** in an animal cell?

SELECT ALL THAT APPLY

- It is used for storage of essential nutrients and support for the cell structure
- It controls the activities of the cell
- It is where energy is produced from chemical reactions
- It controls the passage of substances into and out of the cell
- It contains the genetic material

I Know It      I Think I Know      Not Sure      No Idea

If you get the correct answer and you were confident in your understanding, you will receive an acknowledgement screen and will be able to continue.

All substances are made of tiny particles called **atoms**.

That's right!

I Know It      Report a mistake      **NEXT**

If you got the correct answer but you weren't sure when you submitted it, then you will get the acknowledgment screen accompanied by a chance to re-read the information shown at the beginning of the topic to refresh your memory and gain more confidence in your understanding.

What are two **functions of the nucleus** in an animal cell?

Correct, however you were not confident.

- ✓ Your Answer | **It controls the activities of the cell**  
It is referred to as 'the control centre' of the cell
- ✓ Your Answer | **It contains the genetic material**

Learn more here: [A Typical Animal Cell](#)

Not Sure      Report a mistake      **NEXT**

If you get the answer incorrect, you will be told the correct answer and also be offered the chance to re-read the information from the start of the topic to help you understand where you went wrong.

In animal cells, **aerobic respiration** takes place in the **wall**.

Not there yet...

You Wrote: **wall**

Correct Answer: **mitochondria**

Learn more here: A Typical Animal Cell

No Idea Report a mistake NEXT

You can view your progress on the right-hand side during the practice or you can see it when you return to the topic screen. You can go back to this at any time by clicking the back arrow in the top left next to the word library.

Library Knowledge

Tutor

Fill in the missing numbers

The formula  $\text{Na}_2\text{SO}_4$  shows that the sodium sulphate compound contains **sodium atom(s)**, **sulphur atom(s)** and **oxygen atom(s)**.

I Know It I Think I Know Not Sure No Idea

Progress

37%

### GCSE Chemistry: Adaptive Practice





**Atomic structure and the periodic table: Atoms, ele...**

GCSE Chemistry: Adaptive Practice

37%





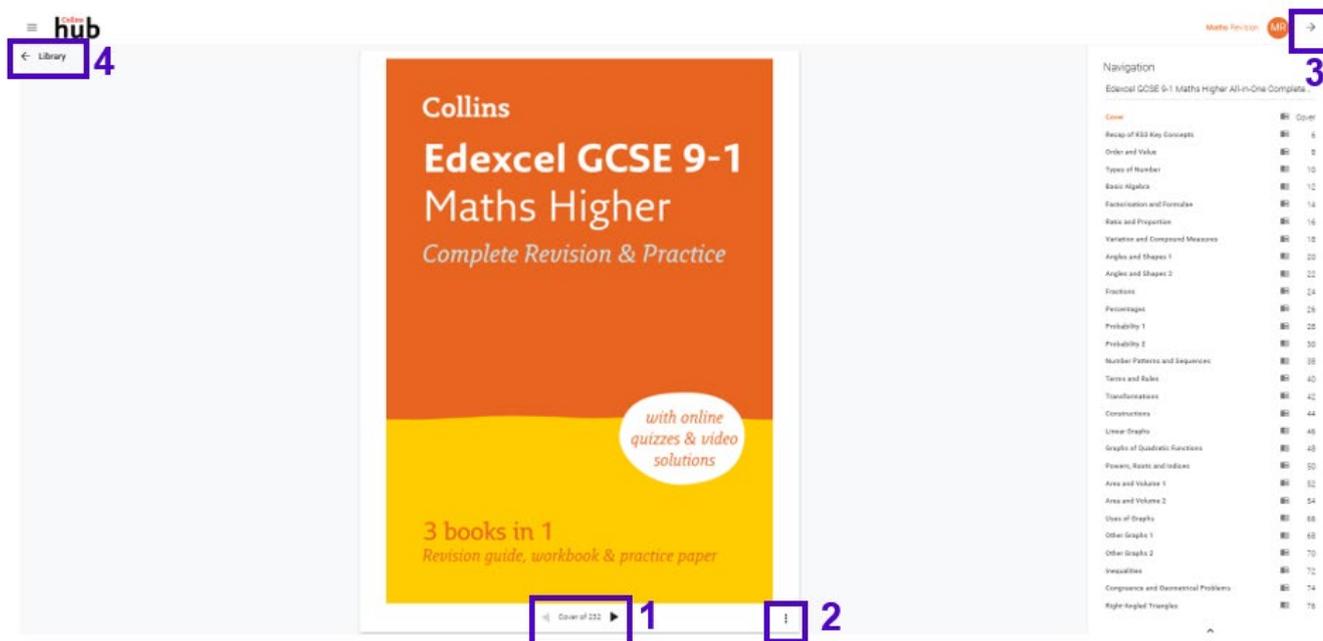
**Atomic structure and the periodic table: Physical se...**

GCSE Chemistry: Adaptive Practice

0%

## Using the ebook

Your ebook will open at the cover page with the contents down the right-hand side. From here, you can navigate through the pages (1) or choose a page to jump to by clicking the three dots (2) and typing the page number. You can also navigate via the contents menu on the right by clicking the page you wish to show, or on a video/interactive such as the one below. To collapse the contents menu, click the arrow, top right (3). To return to the library, click the arrow top left (4).



## Support

Should you require further support or assistance for any other issues, please email [education.support@harpercollins.co.uk](mailto:education.support@harpercollins.co.uk)