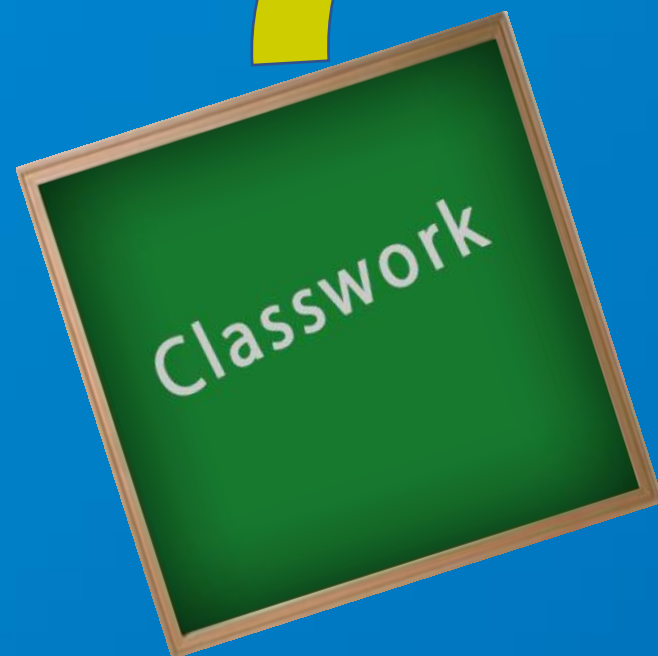




Revising for Science

SCIENCE REVISION



SKILLS YOU NEED TO PRACTICE

- **RECALL**

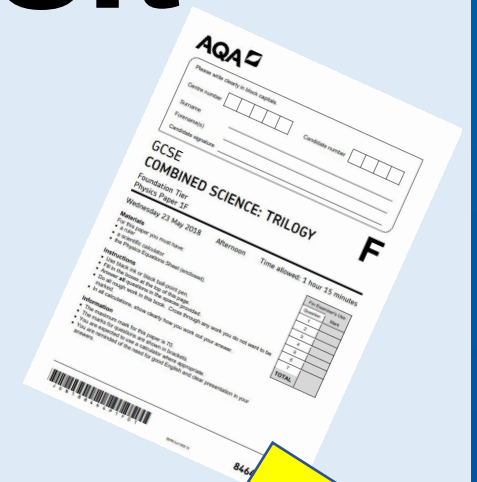
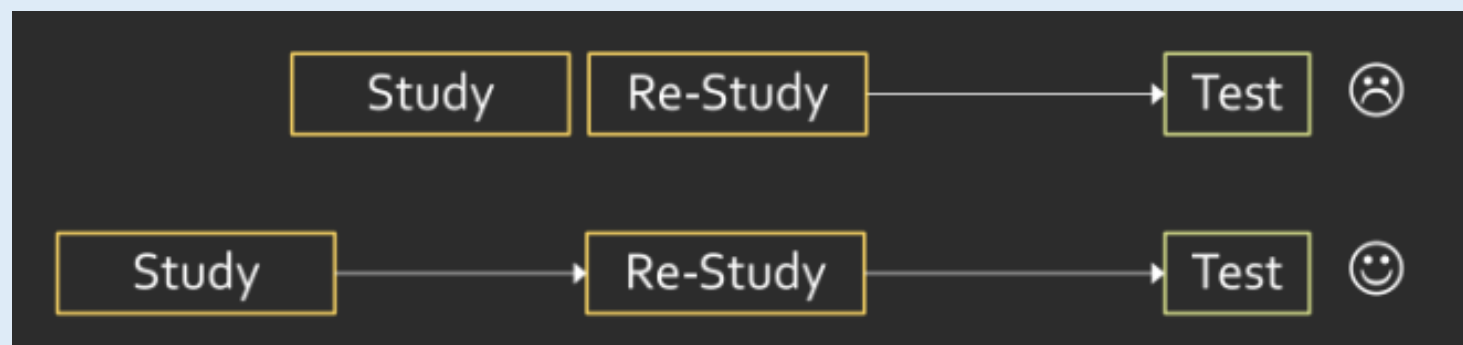
- **SPACED PRACTICE**
- **MAKING LINKS**
- **RETRIEVAL PRACTICE**

- **APPLICATION**

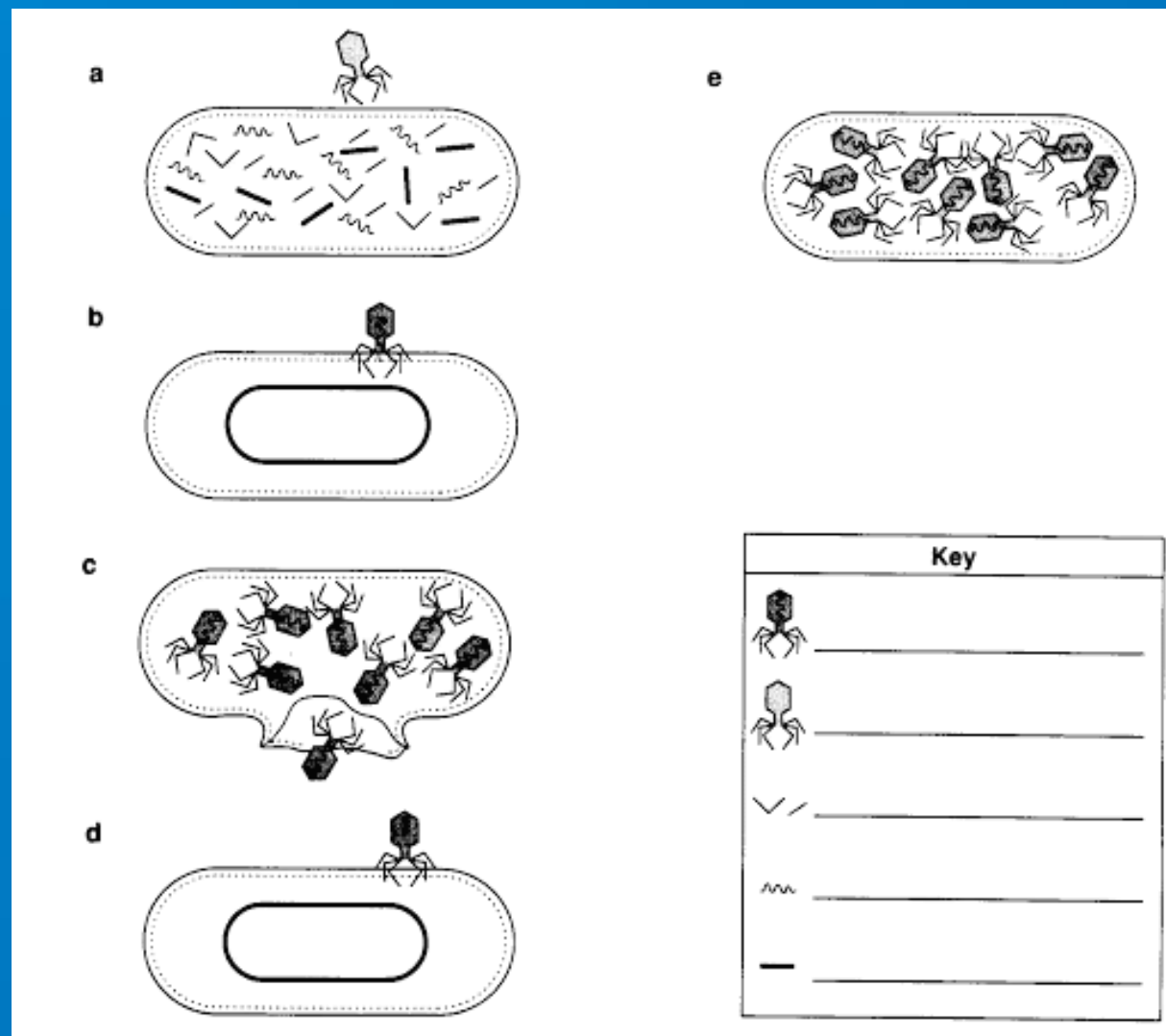
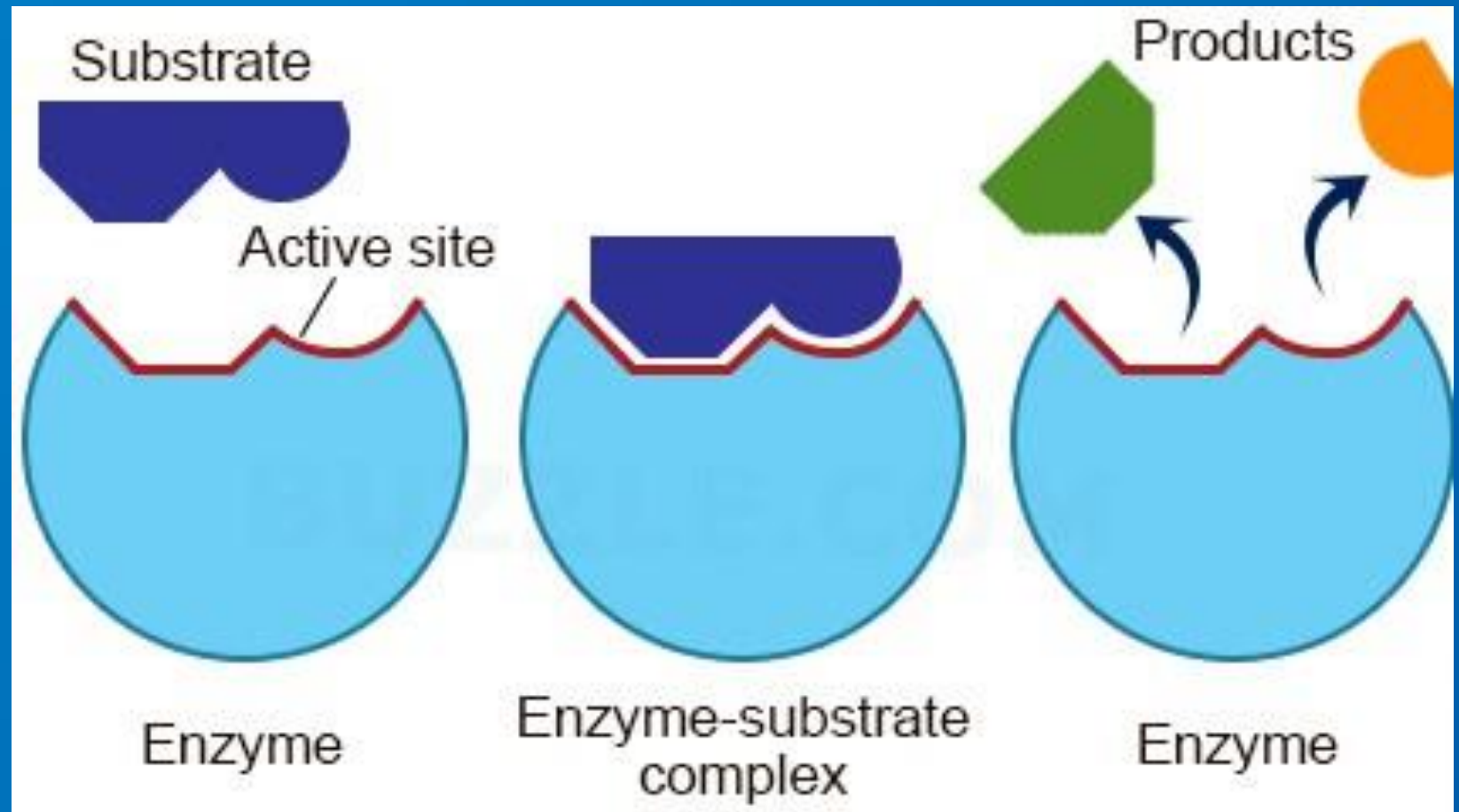


SPACED PRACTICE

- To practice remembering, you need time to forget!
- Start early so that you can revisit key ideas.



MAKING LINKS



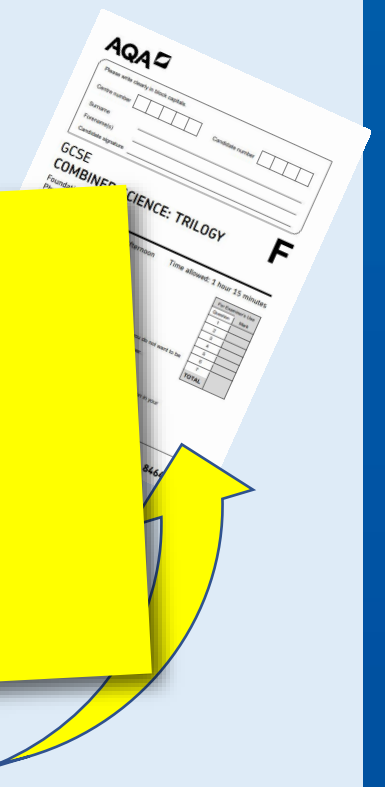
Spot similarities between lock and key mechanism and antigens and anti-bodies

RETRIEVAL PRACTICE

Start every session with remembering

- **Make lists of key words**
- **Mindmap a topic**
- **Use flash cards**
- **Answer questions**

Once you know what you can't remember, you know what you need to work on!



So Where Do I Start?

BBC
Bitesize

CGP
Flashcards

Revision
Workbooks

Google
Classroom

Re-do end
of unit
tests/CQs

Mind-
Mapping

Reading your
Revision Guide

10 Minute
Test Books

Educake
Quizzes

School
Shop

YouTube
Revision
Channels

Past Papers
from AQA
website

Free

How might a revision session look?

If you only have
5 minutes

5 mins
CGP Flash
cards

If you have 30 minutes

5 minutes
BBC
Bitesize Test

If you do well

10 minutes
Revision broadsheet
from google
classroom

**If you
don't do
well**

5-10 minutes
Reading revision guide
or watch a you tube
video or read the BBC
bitesize section on that
topic

5 minutes
Mark the revision
broadsheet

10 minutes
10 minute test from
the book

THINGS TO REMEMBER

- Lots of different types of revision
- Mostly active types
- Not all the time reading!
- It may change as you get closer
(may include parts of past papers)

Great Google Classroom

Carefully chosen

Easy to find different topics

Broadsheets

Video links

Past paper questions

Get the class code from your teacher or from a poster in the science departments or student bulletin

The screenshot shows the Google Classroom interface for a class named 'CHEMISTRY'. At the top, there are tabs for 'Stream', 'Classwork', 'People', and 'Marks', with 'Classwork' currently selected. Below the tabs, there is a '+ Create' button and links to 'Google Calendar' and 'Class Drive folder'. The main content area lists several items under the 'CHEMISTRY' heading:

- Mock exam topics (Posted 13 Jan 2019)
- Revision broadsheets and markschemes (Edited 24 Feb 2019)
- RP.C8 Analysing water (Posted 13 Jan 2019)
- RP.C6 Chromatography (Posted 13 Jan 2019)
- RP.C5 Rates of reaction
- Specimen paper 2
- Chemistry Intervention Sessions

Below the Chemistry section, there is a 'PHYSICS' section with the following items:

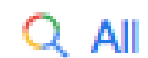
- Physics Exam Topics (Posted 27 Jan)
- Revision broadsheets (Edited 27 Jan)

A notification box is overlaid on the right side of the Chemistry section, titled 'New! Move posts to top'. It contains the text: 'Click this menu to move any post to the top of the stream.' and a 'Got it' button.

Brilliant Bitesize



bbc bitesize



All



Videos



News



Images



Books



More

Settings

Tools

About 4,430,000 results (0.33 seconds)

www.bbc.co.uk › bitesize

Home - BBC Bitesize

Age 16+ Go to Post-16. Sign in, save time. We'll remember what you've looked at so you can jump back in. Sign in to the BBC, or Register to personalise your Bitesize now.

GCSE

GCSE is the qualification taken by 15 and 16 year olds to mark ...

KS3

Chemistry - Maths - Biology -
English - History - Physics - ICT

KS2

Maths - English - Art and Design -
Science - History - French - ...

[More results from bbc.co.uk »](#)

Primary Age 3 to 11 Go to ...

Learn with Bitesize's Primary
School homework help. Sign in ...

KS1

English - Maths - Art and Design -
Computing - Science - French

Learn & revise

Learn & revise. Primary. Age 3 to
11. Go to Primary. Secondary ...

Subjects

GCSE is the qualification taken by 15 and 16 year olds to mark their graduation from the Key Stage 4 phase of secondary education in England, Northern Ireland and Wales.

Part of [Learn & revise](#)

Continue with...



Changes in energy stores - AQA

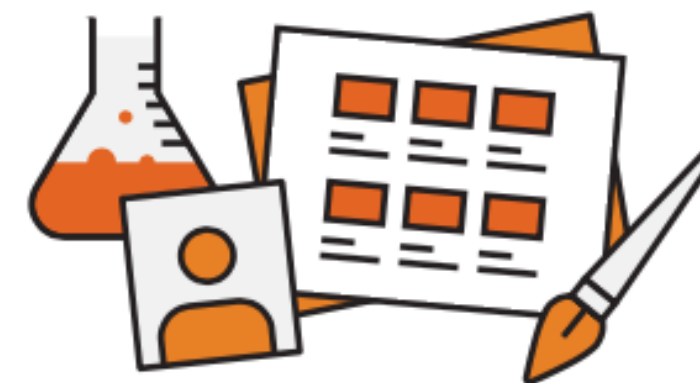
Part of [GCSE Combined Science - AQA Trilogy](#) | [Energy](#)

🕒 16 minutes ago

You haven't chosen any GCSE subjects

Start revising more quickly.

[Add your subjects](#)



All GCSE subjects



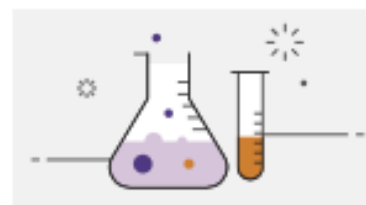
[Art and Design](#)



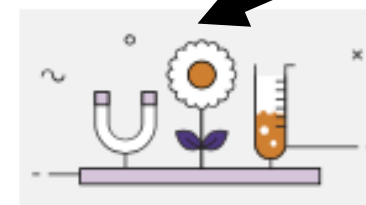
[Biology \(Single Science\)](#)



[Business](#)



[Chemistry \(Single Science\)](#)



[Combined Science](#)



[Computer Science](#)

GCSE**Combined Science**

Exam board content from BBC Bitesize for students in England and Northern Ireland. Choose the exam specification that matches the one you study.

Part of [Science](#)

Choose your exam specification

AQA
Synergy >

AQA Trilogy
>

CCEA
Double
Award >

Edexcel

Edexcel
>

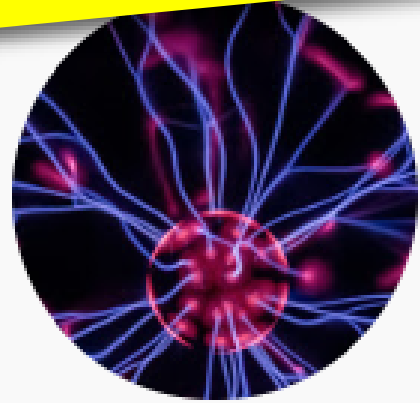
**OCR 21st
Century** >

OCR
Gateway >

Bitesize Options

- Read about the topic
- Watch a video about the topic
- Complete a test about the topic

Useful YouTube



Freesciencelessons ✓

352K subscribers • 392 videos

Freesciencelessons is driven by a core belief. Education leads to social mobility. Therefore, every student deserves outstanding ...

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I'm a teacher who really wants you to do the very best you can in these exams, being in the classroom all day lets me know what ...

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SUBSCRIBE

Passive Revision Technique! Use Sparingly!



Terrific Ten-Minute Tests



GCSE **Combined Science**

For AQA (Grade 9-1)



10-Minute Tests

Higher Level

Includes Answers

For the new AQA Trilogy course

**Test 1: Cell Biology**

There are **11 questions** in this test. Give yourself **10 minutes** to answer them all.

1. True or False? "All plant cells lose the ability to differentiate at an early stage."

- A True
- B False

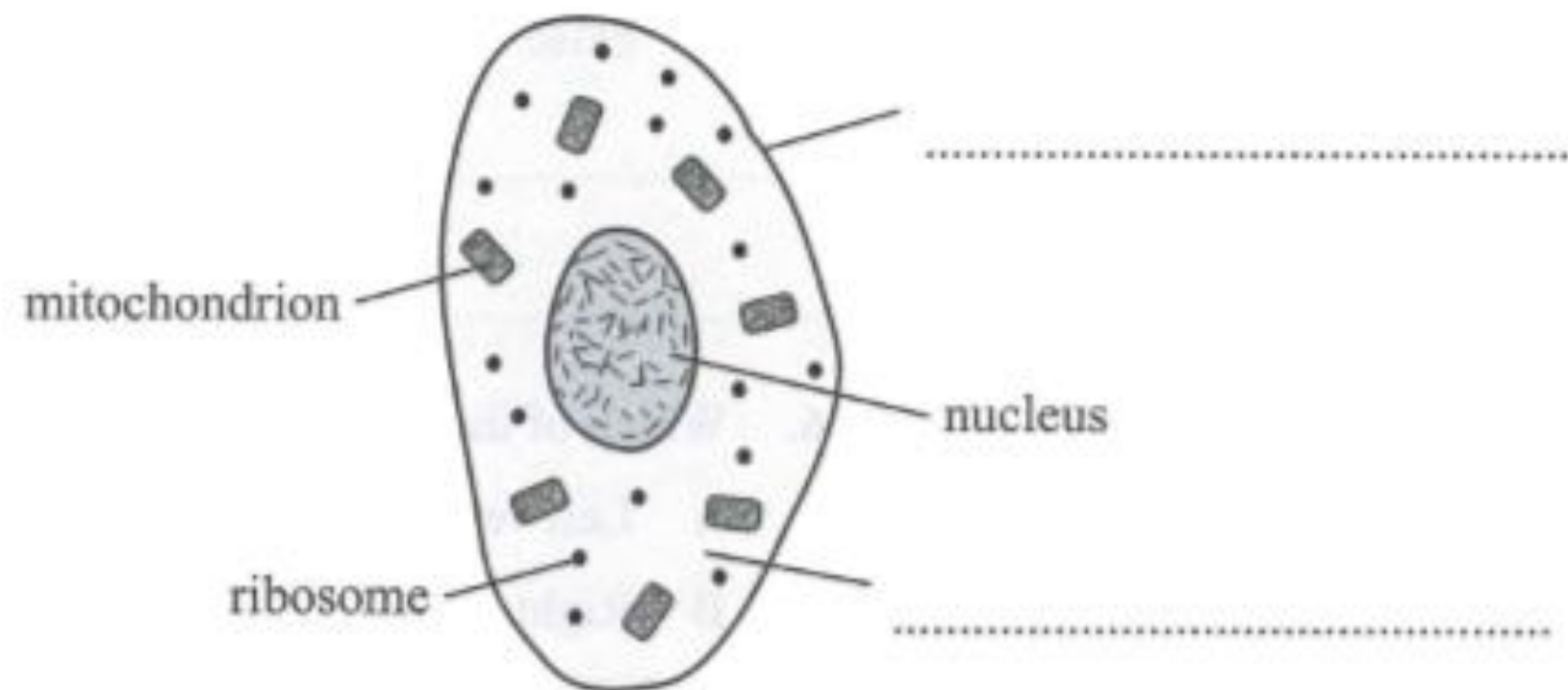
[1]

2. Which of these parts are not found in a bacterial cell?

- A Nucleus
- B Cell membrane
- C Cell wall

[1]

11. Complete this diagram of an animal cell.



Describe the roles of the following parts of a cell:

Mitochondria

.....

Nucleus

.....

[4]

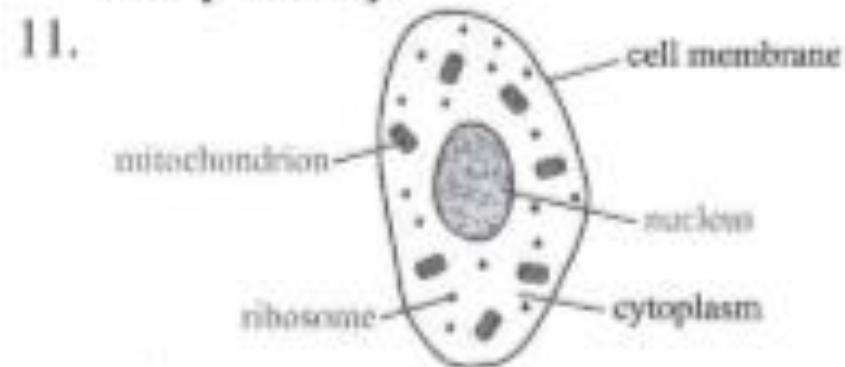
Answers

Biology Paper 1

Test 1: Cell Biology

Pages 2–3

1. B [1 mark]
2. A [1 mark]
3. B [1 mark]
4. A [1 mark]
5. A [1 mark]
6. A [1 mark]
7. B [1 mark]
8. A [1 mark]
9. E.g. a nerve cell is long to cover more distance. / A nerve cell has branched connections at its ends to connect to other nerve cells.
[1 mark]
10. A stem cell is an undifferentiated cell that can divide to produce more undifferentiated cells [1 mark] that can differentiate into other types of cell [1 mark].



[1 mark for each correct label]

Mitochondria are where most of the reactions for aerobic respiration take place [1 mark]. The nucleus contains the genetic material that controls the activities of the cell [1 mark].

Excellent Educake



Educake
Online Formative Assessment

GCSE Science - AQA

Create New Test or Template

Saved Template Tests

View Tests and Results

Track Progress

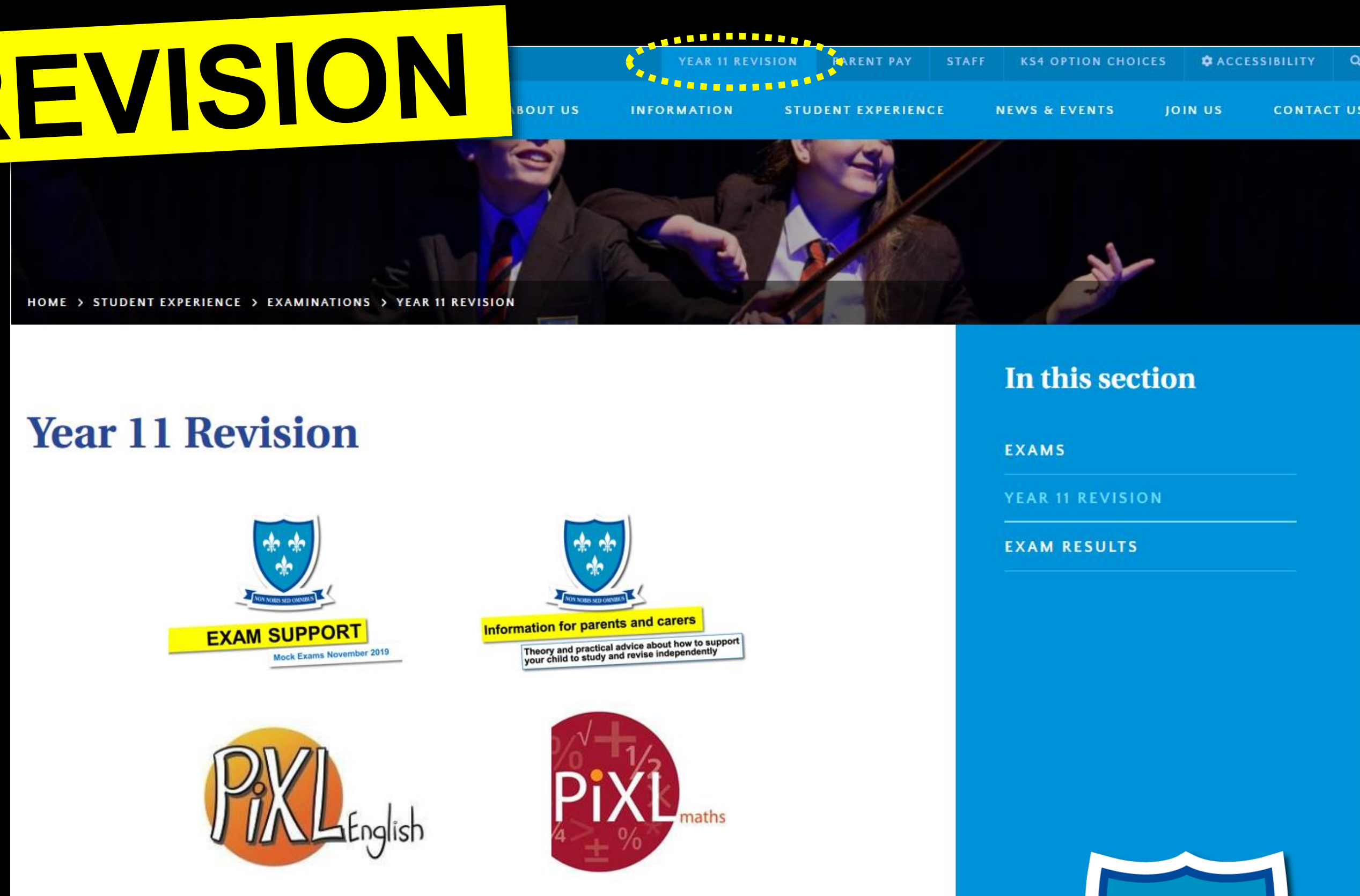
Educake Options

- Complete an old test from your teacher again
- New tests from your teacher
- Set your own test from scratch

Options Options Options...

**Just Make Sure
You Do
Something!**

Y11 REVISION



Visit the **Year 11 Revision** section of the school website for resources to help you revise and information about exams.

