

# Preparing for the Science exams - 4.30 pm



Date	Exam	Time
Tuesday 17th May	Biology	09:00 - 10:10
Friday 27th May	Chemistry	09:00 - 10:10
Thursday 9th June	Physics	13:30 - 14:40
Wednesday 15th June	Biology	09:00 - 10:10
Monday 20th June	Chemistry	09:00 - 10:10
Thursday 23rd June	Physics	09:00 - 10:10


6 Exams -

Each exam is 1 hour 10 mins and out of 60 marks.

In each exam it will consist of multiple choice, short answer questions, and an extended 6 mark question.

Tips: Spend about a minute per mark, if you don't know leave it and come back to it at the end, once finished go back through.

## Tips for revising effectively:

1. Don't panic.
2. Start early as possible.
3. It's never too late.
4. Get started.
5. Time.
6. Lose the phone and distractions.
7. Study alone.
8. Memorise facts - use flash cards.
9. Repetition.
10. Exam practice - Use **OCR**  website.

<https://www.ocr.org.uk/>

<https://my.educake.co.uk/student-login>



Command words

State: *simply give a fact.*

State what is meant by an exothermic reaction. (1)

A reaction that releases energy.

Tip: Do not rewrite the question in the answer as its a waste of time.

## Command words

Suggest: *give a reasonable scientific answer.*

Suggest why the use of biofuels is increasing. (1)

- Fossil fuels are running out.
- Biofuel are more carbon neutral than fossil fuels.
- Biofuel may be cheaper.

## Command words

Describe: *state the features of something.*

Describe in terms of electrons, what happens when an atom of sodium reacts with an atom of chlorine. (3)

An electron moves from the sodium atom to the chlorine atom.

This produces a positive sodium ion and a negative chloride ion.

Tip: Just say what has happened do not try to explain why.

## Command words

Explain: *Use science to say why something happened.*

Explain why the reaction rate increases at higher temperatures. (2)

Particles have more kinetic energy.

Therefore there are more collisions per second.

Tip: Use connectives such as therefore, because or as a result.

## Extended 6 mark question

### Command words

**Analyse:** Discuss the pros and cons and make a reasoned comment.

**Compare:** Identify similarities and differences.

**Discuss:** Give an account that takes into consideration a range of ideas and arguments.

Always make sure answers:

- Have a clear and logical structure.
- Include the right scientific terms.
- Include detailed and relevant information.

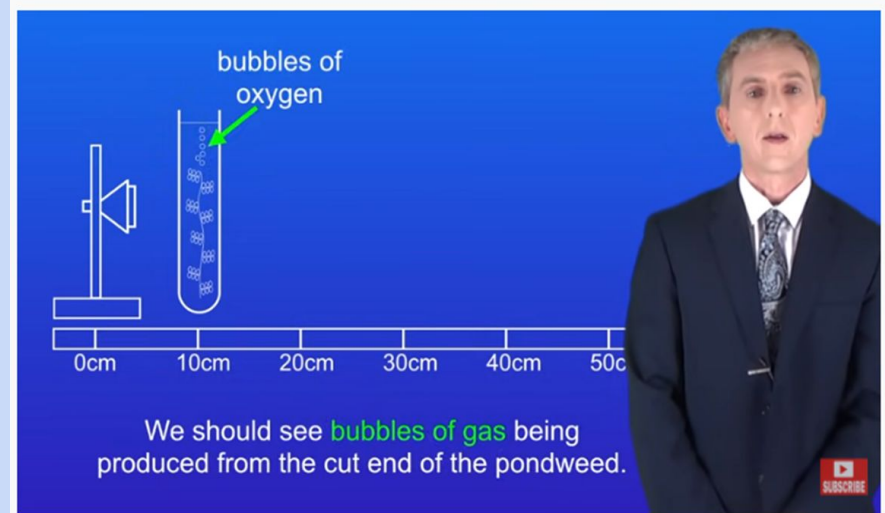
At least 15% of the total marks will be for questions testing your understanding of the practicals.

## Practical skills



GCSE Science Revision Biology "Required Practical 6: Photosynthesis"

451,161 views... 5.4K DISLIKE SHARE DOWNLOAD CLIP SAVE ...



We should see bubbles of gas being produced from the cut end of the pondweed.

GCSE Science Revision Biology "Required Practical 6: Photosynthesis"



# Revision resources



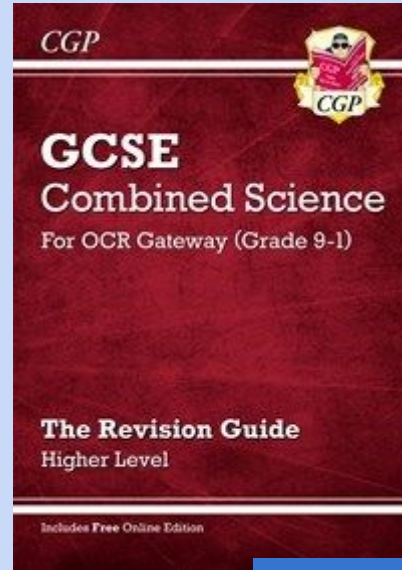
**Educake**  
Online Formative Assessment



**YouTube**



**OCR** 



**SENECA**  
Free interactive content to  
keep students engaged