

Doing well in science exams



Believe you can and know we want to help

Be prepared to learn

...and to practise questions

Be prepared to fail at times and want to give up

...and be prepared to try again



Preparation for exams

I only need to read the course. I don't need to do anything else

Impossible to do in science

4



Science grade boundaries 2022



Grade	9	8	7	6	5	4	3	2	1
Single science F tier					63/100	52/100	38/100	24/100	10/100
Combined science F tier					40/70	34/70	25/70	16/70	7/70
Single science H tier	72/100	63/100	52/100	40/100	40/100	28/100			
Combined science H tier	46/70	40/70	34/70	27/70	21/70	15/70			



Preparing for science exams



Pick at least one suggestion and do it regularly



Preparing for science exams

Use checklist on Google classroom to identify topic

<https://www.freesciencelessons.co.uk>

Watch video once

The watch again and make flash cards

Get tested on cards regularly



Preparing for science exams

<https://www.physicsandmathstutor.com/chemistry-revision/gcse-aqa/>

- Make flash cards for topics
- Get tested on the topics
- Try some questions
- Mark to see what wording to use
- Ask the teacher to support with marking.



Ways to memorise science

- Practise answering exam questions and learn the mark scheme answers
- Test a friend-let them test you
- Make flashcards and test yourself: questions on one side; answers on the back
- Teach a topic to someone else
- Read out loud-always



Just looking at something, again and again, isn't enough.

That's just putting it in.

To make it stick, you have to pull it out.

Do lots of self-testing so that you force yourself to recall facts.



Ask yourself: do you know it-or do you just recognise it?



Test on the 50 pence Britannia coin...

1. How many sides does the coin have?
2. Which way is she facing?
3. What sits at her feet?
4. What is she holding in her left hand?
5. What is she holding in her right hand?



Test on the 50 pence Britannia coin...

How many sides does the coin have?	7
Which way is she facing?	To the left
What sits at her feet?	Lion
What is she holding in her left hand?	Olive branch
What is she holding in her right hand?	Trident





FLASH CARD

Chemistry-atomic structure

- Charge on proton = positive
- Charge on electron = negative
- Charge on neutron = neutral
- Electrons orbit nucleus in shells
- The number of outer electrons = group number





FLASH CARD

Chemistry-atomic structure



What is the charge on a proton?

What is the charge on a proton?

What is the charge on a proton?

Describe how the electrons move

What is the relationship between the number of outer electrons and the group number?

Easiest tip to try....



Talk about topics out loud.

If you hear information and talk about it, you're more likely to remember.



Make learning a habit

When to work	Time spent/session	Over one week (hours)	Over 37 weeks (hours)
Tutor time (x1)	20 mins	1	12
Before school (x3) 8-8.30am	30 mins	1.5	55.5
After school (for 3 nights) study club/home 4.30-5.30pm 7.30 to 8.00pm	1.5 hours/night	4.5	166.5
Weekend (x2)	1 hours	2	74
When travelling	?	1	37



Remember:

***Having time
VS.***

Making time...

There's a difference!!!



Preparation for exams



What do you want in your envelope: 24th Aug 2023



- Practise answering exam questions and learn the mark scheme answers
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Your best is always
enough....

