

Parent Revision Surgery

AQA 9-1 Combined Sciences (Synergy)

Your guide to study support

Helping your child to be the best they can be



Exam Dates

Life and environmental sciences - Paper 1

100 marks

12th May 2020 (pm)

1 hr 45 min

Physical sciences - Paper 3

100 marks

1st June 2020 (pm)

1 hr 45 min

Life and environmental sciences - Paper 2

100 marks

20th May 2020 (pm)

1 hr 45 min

Physical sciences - Paper 4

100 marks

10th June 2020 (am)

1 hr 45 min



Revision Strategies

1. Knowledge

Make flash cards/notes, then regularly revisit and test...

- Seneca
- BBC Bitesize
- Revision guides
- YouTube (Free Science Lessons/Primrose Kitten/Malmsbury Science)
- Kerboodle

2. Skills and Exam Technique

Complete lots of exam questions, then self-mark using the mark scheme and read examiners' reports...

- Maths Made Easy website
- Physics and Maths Tutor website
- AQA website



Effective revision strategies

- Flash cards - use these to test your recall
- Condensing or summarising key ideas
- Drawing and labelling diagrams of key processes
 - from memory, then check and correct
 - eg: electrolysis cell, water cycle, fractional distillation etc



Effective revision strategies

- For equations - look/cover/write/check
 - Ensure you know the units of each quantity, eg mass in kg
- Watching practical videos (eg: Malmsbury Science) **and making notes**
- Explain to another - ask your children to explain topics to you
- Doing practice questions and self marking and ***then doing them again***



Less effective revision strategies

- Copying out notes
- Going through and highlighting notes
 - Unless you are doing something else with that information - eg making flashcards or summarising key points in a new way
- Mindmaps
 - For some - can be effective for high ability to link ideas, but is generally less effective for most students
- Watching videos passively
 - Videos are only effective if you do something active - eg make notes - whilst watching



Useful information

- How to find the specification - google “AQA Science Synergy Specification” equations are found at the back
 - Table 1 is “must know” equations
 - Table 2 is “given” equations
- How to get practice questions
 - *Maths Made Easy website*
 - *Physics and Maths Tutor website*
 - *AQA website*

Excellent practical videos: Malmesbury Science & Tech

malmesbury science



GCSE Science
Osmosis
AQA Biology Required Practical

0:01 / 12:13

Osmosis - GCSE Science Required Practical

108,652 views · 22 Jul 2016

884 57 SHARE SAVE ...

Malmesbury Science & Tech
9.49K subscribers

Dr Chipperfield shows you how to observe osmosis for potatoes.
Leave a like if you found this helpful!

GCSE Science Required Practicals
Malmesbury Science & Tech - 1/28

- 1 Osmosis - GCSE Science Required Practical
Malmesbury Science & Tech 12:14
- 2 Making Salts - GCSE Science Required Practical
Malmesbury Science & Tech 5:36
- 3 Neutralisation Titration - GCSE Science Required Practical (Triple)
Malmesbury Science & Tech 14:10
- 4 Microscopy - How to use a microscope - GCSE Science Required Practical
Malmesbury Science & Tech 12:53
- 5 Enzymes - GCSE Science Required Practical
Malmesbury Science & Tech 5:31
- 6 Chromatography - GCSE Science Required Practical
Malmesbury Science & Tech 10:17
- Food Tests - GCSE Science Required

Ideas:

- Watch, take notes, then summarise on a flash card
- Use to help answer an exam question
- Follow their working - eg pause the video and do the calculations, then watch on

How can you support your child?

1. Ensure they attend science faculty revision sessions (week 1 monday).
1. Help them get organised with a revision timetable.
1. Plan to cover the required practicals in the revision timetable (see practical booklet)
1. Ask them to teach you about the topics they have been revising.
1. Test them using the flash cards/notes they produce.
1. Test their recall of important equations - an easy win.

