

MOCK EXAM INFORMATION FOR PUPILS TRIPLE SCIENCE



BIOLOGY

Which paper will I sit for the mock ? Paper 2

How long is the exam? 1 hour 45 mins

Always bring a calculator to any of your science exams, as well as a pen, pencil, ruler and protractor.

What do I need to revise?

Refer to the science revision booklet for a more detailed breakdown see the end of this document.

Paper 2

1. Homeostasis and response
2. Inheritance
3. Variation and evolution
4. Ecology

Where can I find this information?

- Exercise books
- Revision Lessons & After school sessions
- Science Revision Booklet [booklet](#)
- Revision Guides and Revision Textbooks and Revision cards(see Parent Pay)
- Online Resources (outlined below)

What are top revision tips for this paper?

Ensure you use the topic content lists, outlined in the science revision booklet, to break down the key components of each Biology topic and revise each area individually.

Remember to revise the required practicals you have completed as they are key to achieving all the marks available in your papers.

Other useful links:

[Cognito](#)

[blue man free science lessons](#)

[Bitesize](#)

[seneca](#)

CHEMISTRY

Which paper will I sit for the mock ? Paper 2

How long is the exam? 1 hour 45 mins

Always bring a calculator to any of your science exams, as well as a pen, pencil, ruler and protractor.

What do I need to revise?

Refer to the science revision booklet for a more detailed breakdown see the end of this document.

Paper 2

6. Rates of Reaction
7. Organic chemistry
8. Chemical analysis
9. Chemistry of the atmosphere
10. Using Resources

Where can I find this information?

- Exercise books
- Revision Lessons & After school sessions
- Science Revision Booklet [booklet](#)
- Revision Guides and Revision Textbooks and Revision cards(see Parent Pay)
- Online Resources (outlined below)

What are top revision tips for this paper?

Ensure you use the topic content lists, outlined in the science revision booklet, to break down the key components of each Chemistry topic and revise each area individually.

Remember to revise the required practicals you have completed as they are key to achieving all the marks available in your papers.

Other useful links:

Chemistry Bitesize-[bitesize](#)

Paper 2-[blue man free science lessons](#)

Seneca-[seneca](#)

PHYSICS

Which paper will I sit for the mock ? Paper 2

How long is the exam? 1 hour 45 mins

Always bring a calculator to any of your science exams, as well as a pen, pencil, ruler and protractor.

What do I need to revise?

Refer to the science revision booklet for a more detailed breakdown see the end of this document.

Paper 2

- Forces
- Waves
- Magnetism
- space

Where can I find this information?

- Exercise books
- Revision Lessons & After school sessions
- Science Revision Booklet [booklet](#)
- Revision Guides and Revision Textbooks and Revision cards(see Parent Pay)
- Online Resources (outlined below)

What are top revision tips for this paper?

Ensure you use the topic content lists, outlined in the science revision booklet, to break down the key components of each Physics topic and revise each area individually. Remember to revise the required practicals you have completed as they are key to achieving all the marks available in your papers.

Other useful links:

[Cognito](#)

[blue man free science lessons](#)

[bitesize](#)

[seneca](#)

TRIPLE SCIENCE

BIOLOGY

CHEMISTRY

PHYSICS

REVISION

Each section in the booklet needs at least 30 minutes' revision.

Make a plan.

Try and stick to the plan.

for your Mocks at Christmas

You will sit three papers, 1 Biology, 1 Chemistry and 1 Physics.

Each paper is 1 hour 45 minutes' long

YOU NEED A CALCULATOR

BIOLOGY PAPER 2

TOPIC	Date of Revision	Done
Homeostasis and response		
Nerves		
Brain		
Eye		
Skin		
Pancreas		
Kidney		
Female hormones		
Contraception/IVF		
Inheritance, variation and evolution		
DNA		
Genetic Inheritance BB Bb bb		
Inherited disorders		
Selective breeding		
GM crops		
Mendel		
Cloning		
Ecology		
Origin of species		
Fossils		
Extinction		
Adaptations		
Decomposition		
Trophic levels		
Food Production		

CHEMISTRY PAPER 2

TOPIC	Date of Revision	Done
The rate and extent of chemical change		
Rates of Reaction Factors		
Measuring Rates of Reaction		
Rate of Reaction Graphs		
Reversible Reactions		
Le Chatelier's Principle		
Organic chemistry		
Hydrocarbon Properties		
Fractional Distillation of Crude Oil		
Uses of Crude Oil		
Cracking Crude Oil and Alkenes		
Polymers		
Alcohols		
Carboxylic Acids		
Chemical analysis		
Paper Chromatography		
Tests for Gases and Anions		
Flame Tests		
Flame Emission Spectroscopy		
Chemistry of the atmosphere		
The Evolution of Atmosphere		
Greenhouse Gases		
Climate Change		
Carbon Footprints and Air Pollution		
Using resources		
Ceramics and Polymers		
Materials Properties		
Reuse and Recycling		
Potable Water		
Haber Process		

PHYSICS PAPER 2

TOPIC	Date of Revision	Done
Forces		
Forces		
Speed and Acceleration		
Velocity-time graphs		
Forces and motion and acceleration		
Newton's 3 rd Law and momentum		
Moments, levers and gears		
Pressure in liquids and the atmosphere		
Forces in energy and springs		
Waves		
Transverse and longitudinal waves		
Reflection and refractions		
Sound and ultrasound waves		
All types of Electromagnetic waves on the Electromagnetic Spectrum		
Colour and lenses		
Images and magnification		
Temperature of the Earth		
Magnetism and electromagnetism		
Magnetism, magnetic fields and compasses		
Electromagnets		
Electric motors/Flemings Left Hand Rule		
Loudspeakers, microphones		
Generator effect and Transformers		
Space physics		
Solar system, planets, moons and satellites		
Sun, Stars and life cycle of stars		
Element formation and red shift		