

Y10 Mock Exams

Core Subject Information

Mock Exam Dates

24th June – 5th July

Revision Strategies

- Make flashcards of key information and test yourself
 - Do practice exam questions
 - Use online resources









<u>Equipment</u>

All exams: Pen, pencil, ruler & highlighters Science: Pen, pencil, ruler, highlighters & calculator Maths: Pen, pencil, ruler, highlighters, calculator, protractor & compass

Remember...

- You can email your teachers on outlook to reset passwords.
- Every subject has resources on sharepoint you can access.



Southport Learning Trust



English Language

The exam will be a full Paper 1

It is 1 hour 45 minutes. It is made up of 5 questions and 80 marks.

Question1 - (4 marks)

"List 4 things..."

• **Read** the section of the text you're directed to and pull out key bits of information.

• You can use quotations.

Question2 - (8 marks)

"How does the writer use language to..."

Identity 2-3 different quotations
Use terminology (metaphor / simile / personification / verb)
Explain in detail the meaning these words/phrases create for the reader

Question3 - (8 marks)

"How has the writer structured the text to sustain interest?"

• This question requires you to use the **full extract**

What are the main focuses for the beginning, middle and end?

• Explain the significance of these sections

• Do not anaylse language (like in Q2) for this question.

Question4 - (20 marks)

Evaluation and opinion

• Form an **opinion** based on the statement

• Argue your points – aim for several paragraphs.

• Support your ideas with quotations • Include subject terminology

• Explain in detail about the meaning these words/phrases create for the reader

Question5 - (40 marks)

Creative writing based on image

• Plan a description based on the image / plan a narrative.

• Be creative – you have some freedom and flexibility

• 5 senses

• Range of sentence starters / styles

• Ambitious vocabulary / spellings

• Range of punctuation: !?. Aa '" "; ()

English Literature

The exam will be 2 hours 15 minutes It will assess Macbeth, Power and Conflict Poetry & Unseen Poetry

MACBETH (45min)

30 marks (+4 for SPAG)

Follow the QR codes to see analysis from Mr Bruff on Youtube



POWER AND CONFLICT POETRY (45min)

One poem from the collection of 15 will be printed.

You will need to compare it to another poem from the 15.





All 15 poems in 13 minutes!

How to compare poems

- 1. Ozymandias Percy Bysshe Shelley
- 2. London William Blake
- 3. Extract from the Prelude William Wordsworth
- 4. My Last Duchess Robert Browning
- 5. The Charge of the Light Brigade Alfred Lord Tennyson
- 6. Exposure Wilfred Owen
- 7. Storm on the Island Seamus Heaney
- 8. Bayonet Charge Ted Hughes
- 9. Remains Simon Armitage
- 10. Poppies Jane Weir
- 11. War Photographer Carol Ann Duffy
- 12. Tissue Imtiaz Dharker
- 13. The Émigrée Carol Rumens
- 14. Kamikaze Beatrice Garland
- 15. Checking Out me History John Agard

UNSEEN POETRY (45min)

24 marks – An essay question based on an unseen poem

8 marks – Compare the methods used in both poems, such as structure, themes, language etc.

Mathematics (F)



<u>Combined Science - Biology</u>



The exam will be a full Paper 1 It is 1hr 15 minutes

1. **Cell Biology**

CELL STRUCTURE:

- Parts of a cell
- Magnification & Microscopes
- Specialised cells

CELL DIVISON:

- Cell cycle
- **Mitosis**
- Stem cells
- **CELL TRANSPORT:**
 - Diffusion
 - Osmosis
 - **Active Transport**



esponse	
DEFENCE & DRUGS	7.2
Body's defenses	- 63A

- Immune system
- Vaccination
- **Testing drugs**





Videos #34-46



Videos #48-51

2. Organisation

3. Infection & Response

- DIGESTION Digestive sys\tem
 - Enzymes

- **PLANT TISSUES** Stomata, xylem & phloem
- **CARDIOVASCULAR SYSTEM & DISEASE**
 - Heart & Blood •
 - **Blood vessels** •
 - Heart disease
 - Cancer

INFECTION

- Pathogens
- Diseases
- Transmission

- Body's defe

- Videos #16-26

Combined Science - Chemistry



The exam will be a **full Paper 1** It is 1hr 15 minutes

1. Atomic Structure & Periodic Table

ATOMIC STRUCTURE

- Elements, mixtures & compounds
- Separation techniques
- Atomic structure & electronic configuration

PERIODIC TABLE

- Development of periodic table
- Transition metals, Groups 0, 1 & 7

2. Bonding, Structure & Properties of Matter

- IONS & IONIC BONDING
- <u>COVALENT BONDING</u>
- <u>METALLIC BONDING</u>
- STATES OF MATTER
 - Solids, liquids, gases and changes of state

3. Quantitative Chemistry

- <u>CONSERVATION OF MASS</u>
- <u>RELATIVE FORMULA MASS</u>

4. Chemical Changes	
 ACID REACTIONS Acids, alkalis Neutralisation Making salts 	 <u>REACTIVITY OF METALS</u> Metal + water Metal + acid Oxidation & reduction
ELECTROLYSIS Separation Extracting metals 	 Displacement Reactivity series Extracting metals

5. Energy Changes

- <u>EXOTHERMIC & ENDOTHERMIC REACTIONS</u>
 - Reaction profiles
 - Measuring energy change
 - Activation energy



Videos #1-12







Videos #24 &26 Higher - #25. 27-33



Videos #34-42



Video #43 Higher - #44-45

Combined Science - Physics

The exam will be a full Paper 1 It is 1hr 15 minutes

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1. <u>E</u>	Energy	. Ind
ENERGY CHANGES	ENERGY RESOURCES	273 (C
Energy stores &	Energy from sun	bu: 6
transfers	Producing	Prast
Power, work and	electricity	∣ ∎8
efficiency	Renewables	

Non-renewables



2. Electricity

CIRCUITS

efficiency Conductors

Educake

•

- Components, current and charge
- IV Characteristics of components
- Resistance of a wire

MAINS ELECTRICITY

- Plugs, fuses, mains electricity
- The National Grid & Transformers

3. Particle Model of Matter

STATES OF MATTER

- Specific latent heat
- Solids, liquids, gases
- Pressure



Hazards to health





Videos #14-25



Videos #26-30





- Density

HISTORY OF ATOMIC MODEL

- JJ Thompson, Rutherford, Bohr
- Isotopes and lons

MHSSciQs



