

Year 11 Mock Active Revision – Physics

Research shows that students who do frequent chunks of revision across all 3 stages of revision below are more likely to reach their full potential.

- ✓ **Upload** – consolidate your knowledge
- ✓ **Process** – active retrieval practice
- ✓ **Download** – apply your knowledge



upload



process



download

Use the **revision guide** pages to create a **mind map** of key concepts for each topic you are revising. Try using the “look, cover, write, check” method or attempting a “brain dump” to make this more effective.

Revision Guide:

<https://www.cgpbooks.co.uk/secondary-books/gcse/science/physics/pas49-new-gcse-physics-aqa-complete-revision>

Use the **revision summary** pages in the **revision guide** or the **specification** to make flash cards with questions and answers that you need to remember. Use the “Leitner method” to test yourself. Remember – little and often is better than large but irregular study sessions.

Specification:

<https://cdn.sanity.io/files/p28bar15/green/e96b2cef624c0970b0f90d9678a438580aed0f65.pdf>

Once you have a grasp of the key knowledge, you need to **practice** applying it by **answers questions**. Use the “warm-up and Exam questions” in the revision guide or jump into the questions in the exam practice workbook. Do these without your notes and mark them when you are done. You can also find past paper questions on:

www.physicsandmathstutor.com

Higher Exam Workbook:

<https://www.cgpbooks.co.uk/secondary-books/gcse/science/physics/paq42b-gcse-physics-aqa-exam-practice>

TOPIC 1: Energy		
Revision Guide Pages: 3 - 13	Revision summary on page: 13 Specification pages: 17-23	Exam workbook pages: 1-14 Physics and maths tutor link: https://www.physicsandmathstutor.com/physics-revision/gcse-aqa/energy/
TOPIC 2: Electricity		
Revision Guide Pages: 21-40	Revision summary on page: 31 and 40 Specification pages: 24-32	Exam workbook pages: 15-30 Physics and maths tutor link: https://www.physicsandmathstutor.com/physics-revision/gcse-aqa/electricity/
TOPIC 3: Particle Model of Matter		
Revision Guide Pages: 41-48	Revision summary on page: 48 Specification pages: 32-36	Exam workbook pages: 31-37 Physics and maths tutor link: https://www.physicsandmathstutor.com/physics-revision/gcse-aqa/particle-model-of-matter/
TOPIC 4: Atomic Structure		
Revision Guide Pages: 49-60	Revision summary on page: 60 Specification pages: 37-43	Exam workbook pages: 38-50 Physics and maths tutor link: https://www.physicsandmathstutor.com/physics-revision/gcse-aqa/atomic-structure/