

# Year 9 End of Year Exam - Revision Guidance



<b>Circulation</b>	Year 9 Students
<b>Title</b>	Y9 End of Year Exams - Revision Guidance
<b>Purpose</b>	To provide revision information for Y9 End of Year Exams

**You will sit one paper for your End of Year exam. The exam will last for 1 hour and 30 minutes and you are advised to spend 30 minutes on Biology, 30 minutes on Chemistry and 30 minutes on Physics.**

**The below is a list of the topics and their lesson titles that you will need to revise.**

## **Particle Model and Density**

- The Particle Model
- Changing State and Internal Energy
- Heating and Cooling Curves
- Density
- Density of regular objects
- Density of irregular objects

## **Metals and other Materials**

- Metals and acids
- Metals and oxygen
- The Reactivity Series
- Metal displacement reactions
- Metal displacement reactions
- Extracting metals

## **The Earth's Atmosphere**

- History of the Atmosphere
- Our Evolving Atmosphere
- Greenhouse gases
- Effects of climate change
- Carbon footprint
- Atmospheric Pollutants

## **Microbiology and Defences**

- Pathogens
- Viral and bacterial diseases
- Body defences
- Preventing the spread
- Vaccines

## Cell Biology

- Microscopy
- Microscopy practical
- Animal and plant cells
- Eukaryotic and prokaryotic cells
- Animal cell specialisation
- Plant cell specialisation

The papers will contain a variety of question types including:

- multiple choice
- short answer questions
- longer answer questions
- practical skills questions.
- You must answer all questions in the paper.

**You will need a black pen, pencil, ruler and calculator for the exam.**

**Further detail and revision materials can be found here:**

Past Papers: <https://www.physicsandmathstutor.com/>

Revision: <https://www.physicsandmathstutor.com/>