



TENBURY HIGH

ORMISTON ACADEMY

Oldwood Road, Tenbury Wells
Worcestershire WR15 8XA
Tel: 01584 810304
Email: admin@tenburyhigh.co.uk

Principal: Mrs V Dean
Vice Principal: Mrs D Wall
Assistant Principal: Mr A Wilks



A Specialist Science and
Mathematics College

10th July 2026

Dear Parents and Carers

Science Update

As we prepare for the introduction of our new homework platform in September (on Arbor), the Science Department will not be setting any summer homework this year.

However, we appreciate that some pupils may wish to do some independent study over the summer to help them prepare for the year ahead. The information below outlines the topics that will be covered during the first half term or, for examination years, the areas that pupils may wish to revise.

Pupils Moving from Year 7 into Year 8

Pupils who would like to familiarise themselves with upcoming learning may wish to explore the following topics:

Chemistry

- The pH scale
- Neutralisation
- Energy transfer

Biology

- The digestive system
- Healthy lifestyles
- Diet and nutrition

Chemistry/Environmental Science

- The atmosphere
- The carbon cycle
- Combustion
- Human use of resources
- Life Cycle Assessments (LCA)

Pupils Moving from Year 8 into Year 9

Pupils may wish to read around the following topics which will be taught during the first half term:

Physics

- Magnetism
- Electromagnets
- Electric motors

Biology

- Populations and communities
- Food chains and food webs
- Pyramids of biomass
- Pollination
- Bioaccumulation



Physics

- Atmospheric pressure
- Floating and sinking
- Density
- Pressure in liquids
- Calculating pressure
- Resistance to motion in fluids
- Reducing drag

Pupils Moving from Year 9 into Year 10

Pupils starting their GCSE Science courses may wish to revise the content covered so far. We follow the **AQA GCSE Science specification**.

We recommend that pupils create **mind maps** for each topic, summarising key knowledge and concepts, as practised in lessons.

Topics taught so far:

- **Biology:** Unit 1
- **Chemistry:** Unit 1
- **Physics:** Unit 3

Pupils Moving from Year 10 into Year 11

Pupils entering Year 11 should focus on consolidating their GCSE knowledge ahead of their final year of study. Again, we recommend using **mind maps** to summarise key content from each unit.

Biology	Chemistry	Physics
Unit 1	Unit 1	Unit 1
Unit 2	Unit 2	Unit 2
Unit 3	Unit 3	Unit 3
Unit 4	Unit 4 (first half)	Unit 4
Unit 5	Unit 5	Unit 6
	Unit 7	
	Unit 8	
	Unit 9	

Thank you for your continued support. We hope all our pupils enjoy a well-earned summer break and return refreshed and ready for the new academic year.

Yours sincerely

Mrs A Yarranton
Head of Science