KEY STAGE 4
CURRICULUM INFORMATION

KEY STAGE 4 SCIENCE

Learning Leader Contact Information	**Deanshanger Campus:** Alicia Chapman alicia.chapman@ewsacademy.org.uk Vanessa Stanley vanessa.stanley@ewsacademy.org.uk 01908 563468 (Deanshanger)	**Roade Campus:** Miss Bray Laura.bray@ewsacademy.org.uk 01604 862125 (Roade)

Examination Board	AQA	**Specification Code**	Either GCSE Combined Science TRILOGY (8464) Or Biology (8461), Chemistry (8462) and Physics (8463) for those on Triple option.

HOW WILL STUDENTS BE ASSESSED?

AQA

The GCSE Science course provides insight into how science works, stimulating students' curiosity and encouraging them to think about science in their everyday lives.

Students are being prepared for the next stages of their education, which will be their GCSE exam (1-9) to be taken in the summer of Year 11.

Students will be assessed through in-class end of unit assessments and mock examinations. Students will also receive feedforward shortly after their mock examinations, which will identify remaining gaps in learning. These will be used on a class level, to enable the department to provide a bespoke plan, based on areas of greater need.

Year 10 (Academic Year 2024-2025)

Biology

- Cell Biology recap
- Organisation
- Infection and Response
- Bioenergetics
- Homeostasis

Chemistry

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- Chemical Changes
- Energy Changes
- Quantitative Chemistry
- Rates of Reaction

Physics
- Electricity
- Atomic Structure (Radioactivity)

Year 11 (Academic Year 2024-2025)

Biology
- Homeostasis and Response
- Inheritance
- Ecology

Chemistry
- Rates of Reaction
- Organic Chemistry
- Chemistry of the Atmosphere
- The Earths Resources
- Qualitative Chemistry

Physics
- Atomic Structure
- Waves
- Electromagnetism and Magnetism
- Space (TRIPLE ONLY)

WHAT CAN I DO TO SUPPORT MY CHILD AT HOME?

- Purchase any AQA Combined Science (or Physics, Biology and Chemistry) revision guide and practice book (YEAR 11)
- Use Exampro online to complete homework tasks set and keep an eye out for assessment dates. Use GCSEpod to revise.
- You can also use videos on cognito at Cognito - Learn GCSE Biology, Physics and Chemistry - Completely Free (cognitoedu.org)

TEACHING STAFF CONTACT DETAILS

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