

Year 11 Science Learning Journey

Careers links

- Doctor, dietician, microbiologist, public health, environmental engineer
- Chemical engineer, pharmacist, analyst, product designer,
- Renewable energy, electrical engineer, heating and insulation technician, radiologist, nuclear engineer

A levels in Biology, Chemistry, Physics

T-level – laboratory science

BTEC applied science

Apprenticeships

What Next?

By the end of Year 11

- Use scientific knowledge and conceptual models to provide detailed explanations for scientific phenomena in the specific disciplines of Biology, Chemistry and Physics.
- Carry out quantitative analysis including rearranging equations and converting units
- Apply observational and practical techniques to investigate hypothesis
- Evaluate claims based on scientific data through critical analysis of evidence and conclusions

Chemistry – Using resources

Revision

Biology - Ecology

Summer Term

GCSE EXAMS

Chemistry – Chemical analysis, atmosphere

Biology –Variation & Evolution

Physics – Waves, electromagnetism

Mock Exam 2

Physics – Forces & motion

Biology – Inheritance

Spring Term

Mock Exam 1

Chemistry – Organic Chemistry

Chemistry – Rates of reaction

Autumn Term

Biology – Homeostasis & response

Physics – Forces & motion

At the beginning of Year 10

- Use scientific knowledge and conceptual models to provide detailed explanations for scientific phenomena in the specific disciplines of Biology, Chemistry and Physics.
- Carry out quantitative analysis including rearranging equations and converting units
- Apply observational and practical techniques to investigate hypothesis
- Evaluate claims based on scientific data through critical analysis of evidence and conclusions
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