

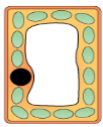
Science (Year 8)

Subject contact information:

Mrs S Seeman (Head of Science)
sseeman@sybilandrewsacademy.co.uk

Learning over the year

Students will be studying six topics in year 8: two biology, two chemistry and two physics topics. These will be taught on rotation.



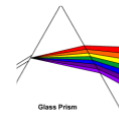
Biology

- 8.1a How the body works
- 8.2b Evolution and Inheritance



Chemistry

- 8.1b Structure of materials
- 8.3a Chemistry on Earth



Physics

- 8.2a Speed and nuclear physics
- 8.3b Magnetism and waves

Homework and assessment

Science homework will be given to students, on average, every 3 lessons. This will consist of a variety of activities and revision exercises.

There will be 3 summative assessments in Science – one at the end of each term which will cover the biology, chemistry and physics topic studied that term. There will also be other assessment opportunities spread evenly throughout the year and will consist of a variety of tests, presentations and practical tasks.

Extra-Curricular Links

KS3 Bitesize

<http://www.bbc.co.uk/education/subjects/zng4d2p>

National Curriculum (Science)

<https://www.gov.uk/government/publications/national-curriculum-in-england-science-programmes-of-study>

Nobel Prize

<http://www.nobelprize.org/>

Visits to the University of Cambridge, National Space Centre, local STEM companies.

Links to the curriculum explored in Enrichment activities: STEM Science and STEM Robotics club.