

Phase 5 2018-2019 Science overview

The exam board that is taught is AQA. All students in Years 9 and 10 are currently studying separate sciences – AQA Biology, AQA Chemistry and AQA Physics. In Year 11 the majority of students are studying Combined Science (AQA Trilogy) with one class of students studying separate sciences- AQA Biology, AQA Chemistry and AQA Physics.

All topics are assessed formally with an end of topic assessment which is sat across the Fylde Coast Academy Trust.

Students are provided with a knowledge organiser for each topic and each student is provided with CGP revision guides for the course they are studying.

Year 9 2018-2019 – All students are sitting separate sciences.

Half term 1

Biology: Cells

Chemistry: Atomic structure and the periodic table (part 1)

Physics: Particles

Half term 2

Biology: Organisation (part 1)

Chemistry: Atomic structure and the periodic table (part 2) and Chemical changes (part 1)

Physics: Energy

Half term 3

Biology: Organisation (part 2)

Chemistry: Chemical changes (part 2)

Physics: Atomic Structure

Half term 4

Biology: Infection and response

Chemistry: Chemical changes and structure and bonding (part 1)

Physics: Electricity (part 1)

Half term 5

Biology: Bioenergetics- Plants

Chemistry: Structure and Bonding (part 2)

Physics: Electricity (part 2)

Half term 6

Biology: Exam preparation, testing and review

Chemistry: Exam preparation, testing and review

Physics: Exam preparation, testing and review

Year 10 2018-2019 – All students are sitting separate sciences.

Half term 1

Biology: Homeostasis (part 1)

Chemistry: Chemical analysis

Physics: Forces (part 1)

Half term 2

Biology: Homeostasis (part 2)

Chemistry: Quantitative chemistry (part 1)

Physics: Forces (part 2)

Half term 3

Biology: Inheritance, variation and evolution (part 1)

Chemistry: Quantitative chemistry (part 2)

Physics: Waves (part 1)

Half term 4

Biology: Inheritance, variation and evolution (part 1)

Chemistry: Rates of reaction

Physics: Waves (part 2)

Half term 5

Biology: Exam preparation, testing and review

Chemistry: Exam preparation, testing and review

Physics: Exam preparation, testing and review

Half term 6

Biology: Ecology (part 1)

Chemistry: Chemistry of the atmosphere

Physics: Magnetism and Electromagnetism (part 1)

Year 11 2018-2019 – One class of students are sitting separate sciences). All other students are sitting AQA Trilogy Science.

Trilogy Science

Half term 1

Biology: Ecology

Chemistry: Chemistry of the atmosphere

Physics: Waves

Half term 2

Chemistry: Chemical Analysis

Mock examination preparation and testing.

Half term 3

Mock examination reviews.

Chemistry: Using Resources

Half term 4

Students will follow specific a revision plan.

Half term 5

Students will follow specific a revision plan.

External examinations.

Half term 6

Students will follow specific a revision plan.

External examinations.

Separate Science

Half term 1

Biology: Inheritance

Chemistry: Chemical Analysis

Physics: Waves

Half term 2

Mock examination preparation and testing.

Half term 3

Mock examination reviews.

Biology: Ecology (part 1)

Chemistry: Using resources (part 1)

Physics: Space

Half term 4

Biology: Ecology (part 1)

Chemistry: Using resources (part 2)

Physics: Students will follow a specific revision plan.

Half term 5

Students will follow specific a revision plan for all 3 subjects.

External examinations:

Half term 6

Students will follow specific a revision plan for all 3 subjects.

External examinations.