

Science KS3 Learning Journey



Subject Overview?

An understanding of Science (Biology, Chemistry and Physics) is of growing importance with the development of technology in modern society, and all students study core Science until the end of Key Stage 4. Science at Cardinal Langley uses the big questions, linked to the big ideas and mastery goals to equip students for success at GCSE.



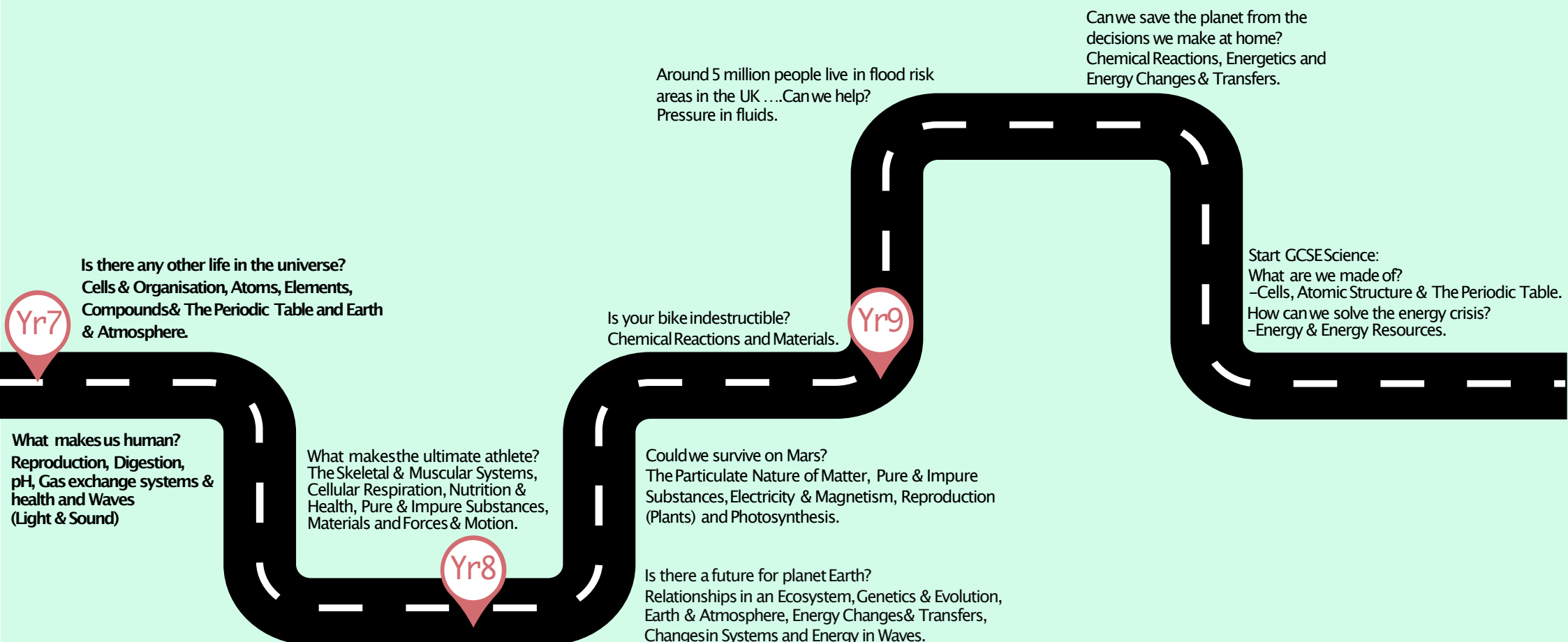
Key Stage 3

Key Stage 3 students are taught in form groups in Year 7 and in sets / mixed ability groups for Years 8 and 9, with the emphasis on the fun, practical nature of Science, learning about the big questions Science poses. They learn the essential skills to allow them to carry out investigations and experiments. Topics across the main areas of Science enable students to appreciate the fundamental scientific principles, developing these ideas to apply in general life.



Electronic Links

[Teams](#)
[Century](#)
[GCSEPod](#)
[BBC Bitesize](#)



Around 5 million people live in flood risk areas in the UK Can we help?
Pressure in fluids.

Could we survive on Mars?
The Particulate Nature of Matter, Pure & Impure Substances, Electricity & Magnetism, Reproduction (Plants) and Photosynthesis.

Is there a future for planet Earth?
Relationships in an Ecosystem, Genetics & Evolution, Earth & Atmosphere, Energy Changes & Transfers, Changes in Systems and Energy in Waves.