

Curriculum Plan for Science

At Seva School we have adopted the 'Exploring Science' scheme of learning. This is based on a topic by topic approach, moving between the three sciences to ensure a broad balance of Biology, Chemistry and Physics each academic year. At GCSE level our students will follow the AQA course. Further details of this will be published in due course.

Introduction to working scientifically (skills based learning – 6 lessons) includes:-

- Introduction to lab safety
- Scientific apparatus and diagrams
- Independent and dependent variables
- Fair test and control variables
- Discrete and continuous variables
- Drawing line graphs and a line of best fit

	Half Term 1 & 2	Half Term 3 & 4	Half Term 5 & 6
Year 7	7A – Cells 7I – Energy 7J – Electricity 7B – Reproduction	7E – Metals 7K – Forces 7C – Ecology 7D - Variation	7F – Acids & Alkalis 7L – Sound 7G – Particle model 7H – Atoms and elements Revision Independent and group investigation
Year 8	8E – Combustion 8I – Fluids 8F – Periodic Table 8A – Food and advertising 8B – Plant reproduction 8G – Metals and their uses	8J – Light 8B – Plants reproduction 8H – Rocks 8C – Breathing & respiration 8L – Earth & space	8K – Energy transfer 8B – Plants and reproduction 9A – Genetics and evolution 9B – Plant growth 9C, 9D, 9G, 9H, 9K, 9L are short units to be completed at the beginning of Year 9
Year 9	To Follow the AQA GCSE Course Details to Follow		