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| **Science Curriculum Overview 2016/17** | | | | |
| **Subject** | **Autumn** | **Spring** | **Summer** | **Additional Information** |
| Year 7 | Biology – about the body, the main organs, animals and their habitats, food chains and classification. | Working scientifically project – students will be designing projects linked with healthy eating and disease  Chemistry – learning about atoms, elements, mixtures and pH scale | Physics – space and the planets, introduction to forces and electricity. |  |
| Year 8 | Biology- the digestive system, respiration, health and disease and healthy eating. | Working scientifically project –  students will be designing projects linked with healthy eating and disease  Chemistry – compounds, using the periodic table, gas tests, combustion and reactivity of metals. | Physics – more about forces, energy and magnetism. |  |
| Year 9 | New specification – The human body. | New specification – Energy, forces and the structure of matter | New specification – Elements, mixtures and compounds |  |
| Year 10 | New specification – The human body. Entry level part 1. | New specification – Energy, forces and the structure of matter. Entry level part 1 | New specification – Elements, mixtures and compounds. Entry level part 1. |  |
| Year 11 | Chemistry and our changing world – pollution, polymers, emulsions, the Earth’s structure. Entry level. | Physics – Waves  Electromagnetic spectrum and radiation. Entry level. | Catch up for ELC or revision for upcoming GCSE exams |  |
| Foundation | Animal adaptations | Mixtures, change of state, heat and temperature | Animals in their environments |  |