**Science KS2 Curriculum Overview**

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| Willow Class – Y3/4 | **Biology 3**Plants, incl. parts, lifecycle and requirements for life Animals: skeletons & nutrition  | **Chemistry 3**Classification of rock types Simple understanding of fossilisation.  | **Physics 3**Sources of light; shadows & reflections Simple forces, including magnetism  |
| Y3 topics + Y4 selection | **Chemistry 4**The water cycle  | **Physics 4**Sound as vibrations   | **Biology 4**Classify living things. Digestive system & teeth.  |

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| Maple – Y4/5 | **Physics 4**  Electricity: simple circuits & conductors.  | **Chemistry 4** Changes of state.  | **Biology 4** Food chains.  |
| Y 4 and Y5 selection | **Biology 5** Life cycles of plants.  | **Chemistry 5**Understand mixtures & solutions. Know about reversible changes; identify irreversible.  | **Physics 5**Introduce gravity, resistance & mechanical forces. |

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| **Oak – Y5/6** | **Physics 5**Understand location and interaction of Sun, Earth & Moon.  | **Chemistry 5**Classify materials according to a variety of properties.  | **Biology 5**Describe changes as humans develop & mature.  |
| **Y5 selection and Y6 topics** | **Biology 6** Classification, including micro-organisms.  Health & Lifestyles, incl. circulatory system. Evolution & Adaptation.  | **Physics 6**Light & Shadows; the eye.  Forces, including gravity.  Electricity: investigating circuits.  | **SAT revision of all KS2 topics for Y6 annually.** |

**Staff from each class plan their 2 year cycle using science topics from the tables above, fitting the topics into wider curriculum planning as appropriate.**