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| **Curriculum Plan for Parents – Year 8** |

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| **Subject** | Science | **Contact Person** | Mr P Merryweather |

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| **Half term and topic** | **Your child will learn....** | **Key Homework** | **Assessment** |
| Autumn 1 | **Nutrition and Digestion**The key components of a balanced diet and how your body obtains these from your food | Learn key words and their meanings | Describe how food is digested by your body.End of topic test |
| Autumn 2 | **Ecology and Photosynthesis**Interdependence of living things. How plants make food by photosynthesis.**Electricity**Current, voltage and resistance | Learn key words and their meanings | Half term testElectrical circuits assessment |
| Spring 1 | **Magnetism**Magnetic fields and electromagnets**Sound and Light**Amplitude and frequency changes of sounds, reflection, refraction and colours | Learn key words and their meanings | Mid-Year examElectromagnets assessmentUses of reflection assessment |
| Spring 2 | **Waves**Wave effects and wave properties.**Chemistry 1**Metals and non-metals, acids and alkalis. | Learn key words and their meanings | Half term testWaves assessmentUsing acids and alkalis assessment |
| Summer 1 | **Chemistry 2**Chemical energy, types of reaction and the periodic table. | Learn key words and their meanings | Half term testEnergy changes in chemistry assessmentDeveloping the periodic table assessment |
| Summer 2 | **Earth and Space**Length of day, climate and using the Earth’s resources | Learn key words and their meanings | Year-end ExamEffect of using Earth’s resources on environment assessment. |