Curriculum Overview Science 2026/2027

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 8	**Biodiversity** **Human Digestive System**	**Atoms Elements and Compounds** **Understanding Chemical Reactions**	**Forces** **Species and Classification** **Variation**	**Earth's Resources** **Series Circuits** **Reproduction in Humans**	**Fuels and Energetics** **Making Images**	**Diet and Exercise** **Climate Change and Greenhouse Gasses**
Year 9	**Breathing and Respiration** **Acids and Bases**	**Magnets and Electromagnets** **Plant Nutrition and Photosynthesis**	**Materials** **Hidden Forces**	**Adaptations, competition, natural selection and evolution** **Carbon cycle and Climate Change**	**Waves** **Disease and Drugs** **Patterns in the periodic table**	**Resistance and Parallel Circuits** **Reproduction in Plants** **Climate change and biodiversity**
Year 10	**Atomic structure and the periodic table** **Eukaryotic and prokaryotic cells** **Particle explanations of density and pressure** **DNA and the Genome** **Structure and Bonding**	**Health and Disease** **Measuring and calculating motion** **States of matter** **Biological molecules and enzymes** **Transport and exchange surfaces in humans**	**Electric fields and circuit calculations** **Coordination and control: the human nervous system** **Separating substances** **Coordination and control: hormones and the human endocrine** **Measuring Waves**	**Photosynthesis: requirements and products** **Calculat2ions involving masses** **Inheritance, genotype and phenotype** **Energy of moving objects** **Cell division: mitosis and meiosis**	**Making salts** **Stem cell and differentiation** **Energy of moving particles** **Fossils evidence, selective breeding and explaining evolution**	**Chemistry of carbon** **Living organisms and their environments** **Circuit components** **Energy changes in reactions**
Year 11	**Defences against pathogens, the human immune system and vaccination** **Rate of reaction** **Aerobic and anaerobic cellular respiration** **Forces make things change** **Maintaining biodiversity and Human Impacts**	**Using Earth's Resources** **Transport and Exchange Surfaces in Plants** **Nuclear Physics** **Hormones and Human Reproduction** **Groups of the Periodic Table**	**Coordination and control: maintaining a constant internal environment** **Electromagnetism** **Photosynthesis: factors affecting the rate** **Atmosphere and changing climate** **Medicines and new treatment for disease**	**Electromagnetic waves** **Variation and natural selection at the genetic level** **Electrolysis** **Classification in Modern Biology** **Mains Electricity**	**Gene technology** **Industrial Chemistry** **Revision**	**Exams**