

Science Intentions



DIVERSITY

Diversity in our Curriculum



Year 7

- Robert Hooke, Renewable and non-renewable energy, Bone Marrow, Pollination and Interdependence.

Year 8

- Renewable and non-renewable energy, Mendeleev Periodic Table, Calculation of fuel uses and costs, Healthy human diet, Tooth decay, Impact of exercise, asthma and smoking on the human gas exchange system.

Year 9

- Renewable and non-renewable energy, Human healthy diet, Tooth decay, Human activities impact on climate, Biodiversity, Watson, Crick, Wilkins and Franklin.

Year 10

- Stems cells, Microscopy, Coronary heart disease, Communicable and Non-communicable diseases and risk factors, cancer, vaccinations, development of drugs, Fleming, Chadwick, Bohr, Nanotechnology, Energy resources, Domestic use and safety of electricity, The National Grid and Radioactive contamination.

Year 11

- Diabetes, contraception, miscarriage, IVF, Inherited disorders, Genetic engineering and modification, Darwin, Linnaeus, Woese, MRSA, Biodiversity, Waste management, Greenhouse gases, Global warming, Deforestation, Petrochemical industry, Carbon footprint, Potable water, Life cycle assessment and recycling, Newton, Speed, Uses and applications of electromagnetic waves.