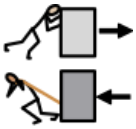
Elements of our Science Curriculum

Knowledge and Understanding

Scientists develop:

- a knowledge and understanding of scientific concepts across the three subject strands – Biology, Physics and Chemistry.
- an understanding of the nature, processes and methods of science (working scientifically).
- a scientific vocabulary that includes both: high utility tier 2 words in a scientific context (such as energy) and tier 3 words that are domain specific (such as evaporation, photosynthesis)

Plants 	**Living things and their habitats** 	**Materials** 	**Evolution and inheritance** 
Seasonal changes 	**Animals including humans** 	**Rocks** 	**Light** 
Forces 	**Sound** 	**Electricity** 	**Earth and space** 

Working Scientifically

DC1: Asking questions 	**DC2:** Plan scientific enquiries. 	**DC3:** Use a range of equipment. 	**DC4:** Make careful observations. 
DC5: Record findings. 	**DC6:** Present data. 	**DC7:** Draw conclusions from results and report on findings. 	**DC8:** Use models to represent a scientific concept or process.