Upper KS2 Progressions of Skills-Science

Year B	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Science	What did the Roman's do for us?(History)	Masterpiece or Monstrosity? (Art)	How can I help save the world? (Science/Geography)	Who were the Mayans? (History)	Can you generate, Design, Create? (DT)	Did Eyam Save England? (History)
Global Goals	9. Industry, Innovation and infrastructure		13. Climate Action	11 Sustainable Cities and Communities	3. Good Health and Well-Being 4. Quality Education	8. Decent Work and Economic Growth.
British Values	Democracy	Rule of Law	Individual Liberty	Mutual Respect	Democracy	Rule of Law
Enrichment opportunities						
Topic	Earth and space	Living things and their Habitats (adaptations, micro-organisms)	Living things and their Habitats (Life cycles)		Forces	Electricity
Knowledge						
	Describe movement of Earth and planets relative to the Sun Movement of moon relative to Earth Describe Sun, Earth and Moon Explain day and night	Describe how living things are classified into broad groups Identify how plants and animals are adapted to suit their environment	Lifecycles - describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird Reproduction - describe the life process of reproduction in some plants and animals. Classifying plants and animals		Types of resistance Mechanisms - gears, pulleys, levers relating to size of force and effect	Associate with brightness of bulb/volume of buzzer with number and size of cells used Give reasons for variations in how components function - including on/off switch Using correct symbols in diagrams

Skills						
	Use scientific language Make predictions	Take measurements using range of scientific equipment Plan different types of scientific enquiries to answer questions, including variables Record data and results Present data using range of graphs and charts Identify scientific evidence used to support or refute ideas Report and present findings Make predictions using test results to further understanding Use scientific language	Use scientific language Make predictions		Take measurements using range of scientific equipment Plan different types of scientific enquiries to answer questions, including variables Record data and results Present data using range of graphs and charts Identify scientific evidence used to support or refute ideas Report and present findings Make predictions using test results to further understanding Use scientific language	Take measurements using range of scientific equipment Plan different types of scientific enquiries to answer questions, including variables Record data and results Present data using range of graphs and charts Identify scientific evidence used to support or refute ideas Report and present findings Make predictions using test results to further understanding Use scientific language