Year 6 Curriculum subject plan Science

YEAR 6	Evolution and inheritance	Living things and their habitats	Light	Electricity	Animals including humans – circulatory system, diet and exercise
Component Knowledge					
	labelled diagrams,	observational drawin	gs, labelled scientific o	liagrams or writing	g. They record measurements e.g. using tables, tally

charts, bar charts, line graphs and scatter graphs. They record classifications e.g. using tables, Venn diagrams, Carroll diagrams and classification keys.
 Children present the same data in different ways in order to help with answering the question.
 Children answer their own and others' questions based on observations they have made, measurements they have taken or information they have gained from secondary sources. When doing this, they discuss whether other evidence e.g. from other groups, secondary sources and their scientific understanding, supports or refutes their answer.
 They talk about how their scientific ideas change due to new evidence that they have gathered.
 They talk about how new discoveries change scientific understanding.
 In their conclusions, children: identify causal relationships and patterns in the natural world from their evidence; identify results that do not fit the overall pattern; and explain their findings using their subject knowledge.
 They evaluate, for example, the choice of method used, the control of variables, the precision and accuracy of measurements and the credibility of secondary sources used.
 They identify any limitations that reduce the trust they have in their data.
 They communicate their findings to an audience using relevant scientific language and illustrations.
 Children use the scientific knowledge gained from enquiry work to make predictions they can investigate using comparative and fair tests.