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| **Y5 Knowledge (see knowledge organisers for full detail)**Living Things and Their HabitatsAnimals Including HumansProperties & Changes of Materials Earth & SpaceForces  | **Y6 Knowledge (see knowledge organisers for full detail)**Living Things and Their HabitatsDNA/Evolution & InheritanceAnimals Including HumansLightElectricity  |
| **Y5 Skills**Plan different types of scientific enquiries to answer questions, beginning to recognise & control variables where necessaryTake measurements, using a range of scientific equipment with increasing accuracy and precision, taking repeat readings when appropriateRecord data and results of increasing complexity using scientific diagrams and labels classification keys, tables, bar graphsUse test results to make predictions to set up further comparative and fair tests Report and present findings from enquiries including conclusions, causal relationships, in oral and written forms such as displays and other presentationsIdentify scientific evidence that has been used to support or refute ideas or arguments.  | **Y6 Skills** Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessaryTake measurements and choose own range of scientific equipment with increasing accuracy and precision taking repeat readings when appropriateRecord data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs and line/bar graphsUse test results to make predictions and set up further comparative and fair tests deciding for themselves how to do this. Report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentationsIdentify scientific evidence that has been used to support or refute ideas or arguments.  |
| **UKS2 Scientific Concepts**As Scientists we analyse functions, relationships and interactions systematically in order to develop a deeper understanding of wide ranging scientific ideas. As Scientists we work with more abstract ideas in order to understand and predict how the world operates recognising that scientific ideas change and develop over timeAs Scientists we decide how to answer scientific questions through science enquiry carrying out comparative and fair tests and using a wide range of secondary sources of information. |

Skills, Knowledge and Progression for Science UKS2