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| **Y3 Knowledge (see knowledge organisers for full detail)**  Plants  Animals including Humans (Skeletons)  Rocks  Light  Forces & Magnets | **Y4 Knowledge (see knowledge organisers for full detail)**  Living Things & Their Habitats  Animals Including Humans (including teeth & digestion)  States of Matter Including Material Changes  Sound  Electricity |
| **Y3 Skills**  With support ask relevant questions and use different types of scientific enquires to answer them  With support set up simple practical enquiries, comparative and faire tests  With support make systematic and careful observations  Take accurate measurements using standard units  Use a range of equipment including thermometers  Gather, record, classify and present data using a range of charts  Record finings using simple scientific language; drawings; labelled diagrams, keys, bar charts and tables  Use written and or oral explanations, displays or presentations of results and conclusions  Using results to draw simple conclusions and begin to suggest improvements  Identify differences and similarities related to simple scientific ideas and processes  Use scientific evidence to answer questions or to support findings | **Y4 Skills**  Independently ask relevant questions and use different types of scientific enquiries to answer them  Independently set up simple practical enquiries, comparative and fair tests  Independently make systematic and careful observations and where appropriate, take accurate measurements using standard units, using a range of equipment, including thermometers and data logging  Gather, record, classify and present data in a variety of ways including scatter graphs and line graphs in helping to answer questions  Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts and tables.  Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions  Use results to draw simple conclusions, make predictions for new values and suggest improvements and raise further questions  Identify differences and similarities or changes related to simple scientific ideas and processes  Use straightforward scientific evidence to answer questions or to support findings. |
| **LKS2 Scientific Concepts**  As Scientists we explore, talk about, test and develop our ideas about everyday phenomena and the relationships between living things and familiar environments  As Scientists we ask our own scientific questions and decide how to use enquiry to answer those questions  As Scientists we draw simple conclusions and use scientific language orally and in writing | |

Skills, Knowledge and Progression for Science LKS2