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| **Y3 Knowledge (see knowledge organisers for full detail)**PlantsAnimals including Humans (Skeletons)RocksLight Forces & Magnets | **Y4 Knowledge (see knowledge organisers for full detail)**Living Things & Their HabitatsAnimals Including Humans (including teeth & digestion)States of Matter Including Material ChangesSoundElectricity |
| **Y3 Skills**With support ask relevant questions and use different types of scientific enquires to answer themWith support set up simple practical enquiries, comparative and faire testsWith support make systematic and careful observationsTake accurate measurements using standard unitsUse a range of equipment including thermometersGather, record, classify and present data using a range of chartsRecord finings using simple scientific language; drawings; labelled diagrams, keys, bar charts and tablesUse written and or oral explanations, displays or presentations of results and conclusionsUsing results to draw simple conclusions and begin to suggest improvementsIdentify differences and similarities related to simple scientific ideas and processesUse scientific evidence to answer questions or to support findings  | **Y4 Skills**Independently ask relevant questions and use different types of scientific enquiries to answer themIndependently set up simple practical enquiries, comparative and fair testsIndependently make systematic and careful observations and where appropriate, take accurate measurements using standard units, using a range of equipment, including thermometers and data loggingGather, record, classify and present data in a variety of ways including scatter graphs and line graphs in helping to answer questionsRecord 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 questionsIdentify differences and similarities or changes related to simple scientific ideas and processesUse 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 environmentsAs Scientists we ask our own scientific questions and decide how to use enquiry to answer those questionsAs Scientists we draw simple conclusions and use scientific language orally and in writing |

Skills, Knowledge and Progression for Science LKS2