2023- 2024

Howbridge Church of England Junior School

Subject Overview

Subject: Science **Subject Leader: Liz Beesley**

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	Skeletons and Living Things *Classifying* *Prediction*	Rocks and Soils *Vinegar experiment* *Classifying* *Observing* *Prediction*	Forces and Friction *How do we test the strength of a magnet.* *Method* *Fair Testing*	Light and Shadows *Puppet theatre with Soundscape from music* *Observing* *Scientific Diagrams*	Plants – life and growth *Growing sunflowers* *Observing* *Recoding Data Accurately* *Analysing Data* *Graphs*	Scientific enquiry **Revisits** *Mini Project on Environmental changes to plants* *Save the Bees.*
Year 4	Sound *Disposable cup and string investigation* *Prediction*	Changing States *Classifying* *Observing* *Recording data* *Conclusion*	Electricity *Light Diorama – Linked to DT* *Independent investigation* *Method*	Humans – Digestion and Teeth *Model digestion system (orange and crackers)* *Scientific diagrams*	Living Things and Habitats *Bug hotel for the garden/ bird feeders* *Classifying* *Scientific diagrams*	Scientific enquiry **Revisits** *Mini Project on environmental change* *Save our Oceans.*

2023- 2024

Year 5	Properties and changes in Materials *Separating materials* *Method* *Prediction*	Forces *Predictions* *Conclusion*	Earth and Space *Observations* *Scientific diagrams*	Living things and Habitats: Life Cycles *Observations* *Recording and analysing data*	Animals including Humans *Problem page in a magazine.* *Puberty with PSHE*	Scientific Skills Revisits: *Mini Topic on Global Warming.*
Year 6	Evolution and Inheritance *Flip book animation* *Observations* *Scientific Diagrams*	Electricity *Christmas decoration* *Flashing with switch* *Method* *Prediction* *Conclusion*	Living things and their habitats Classification *Classifying (Official – using secondary sources)* *Observing* *Scientific Diagrams*	Animals including humans – the circulatory systems *Pulse Rate Investigations* *Recording and analysing data* *Observations*	Light *Rainbow Crystals* *Method* *Prediction* *Scientific Diagrams* *Conclusions*	Scientific Skills Revisits: *Mini topic on healthy bodies, healthy minds*