Farncombe Church of England Infant School

Progression of Skills – Science

EYFS - SKILL	VOCABULARY
1. Ask questions Demonstrate curiosity about the world around them. **2. Make predictions** With support or prompting, talk about what they think might happen based on their own experiences. **3. Decide how to carry out an enquiry** Respond to prompts to say what happened to objects, living things or events. **4. Take Measurements** Use senses and simple equipment to explore the world around the eg magnifying glasses. **5. Record data** Talk to an adult about what has been found or found out. **6 Present Data** Talk to an adult about what has been found or found out. **7. Answer questions using data** With support, try to explain why things happen **8.Draw conclusions** With support, talk about what they have found out or what they think might happen next.	Same, different, compare, group, sort look closely, describe question, answer

YEAR 1 – SKILL	VOCABULARY
1. Ask questions Ask simple questions in response to their exploration of the world.	question, answer, same, different, compare, sort
2. Make predictions Respond to suggestions to connect what they have observed with possible further action/ observation.	predict
3. Decide how to carry out an enquiry Perform simple tests to explore an idea suggested to them, with support.	idea, plan, test,
4. Take Measurements Observe objects, living things, events and the world around them closely using senses and simple equipment. Make measurements using non-standard units, or standard units.	measure, observe, standard units if appropriate,
5. Record and present data Record evidence in simple templates provided to help answering questions. Drawings or photographs with labels. Talk about findings.	

6 Present data as for 5. **7. Answer questions using data** With support, try to connect what was observed or found & suggest possible further action **8.Draw conclusions** Use their ideas to suggest answers to questions. Say what has changed when observing objects, living things or events.	diagram, label, block graph, chart, sets,

YEAR 2 SKILL	VOCABULARY
1. Ask questions Ask simple questions about their experiences and observations and with support use them to suggest ways to answer a question or solve a problem, recognising that some can be answered in different ways.	similarities, differences, compare, sort, classify, observe question, answer, magnifying glass
2. Make predictions Use their observations and ideas to make predictions. Use understanding of what has been observed or own experience to predict outcomes of further actions/ observations.	predict
3. Decide how to carry out an enquiry Identify things to observe or measure that are relevant to a question or idea being investigated using a simple test. Suggest how we can find things out or collect data to answer a question they are investigating.	idea, investigation, test, plan evidence, prove, results,
4. Take Measurements Observe closely and use equipment for observing or measuring correctly. Make measurements using standard and non-standard units.	observe, measure, centimetres, metres, degrees Celsius, rain gauge, thermometer,
5. Record data Gather and record data (evidence) in increasingly independent ways to help in answering questions.	record, Venn Diagram, Carroll Diagram, table
6 Present data Report on and record findings as drawings, diagrams, photos, orally, as displays, or in simple prepared tables or charts.	diagram, label, photo, block graph, chart
7. Answer questions using data Use understanding of what they have observed or own experience and ideas to answer questions or solve a problem.	pattern
8.Draw conclusions Respond to suggestions to use some evidence to answer a question, increasingly independently.	Research, secondary sources, biology, physics, chemistry, invention and inventors