

## St Anne's Science Progression Map

#### 2021-2022



### Nursery

Throughout nursery the children will cover these objectives:

- Beginning to understand 'why' and 'how' questions. (Communication and Language, Understanding 30-50)
- · Listens and responds to ideas expressed by others in conversation or discussion. (Communication and Language, Understanding 40-60+)
- · Learns new words very rapidly and is able to use them in communicating. (Communication and Language Speaking 22-36)
- · Uses talk to connect ideas, explain what is happening. (Communication and Language Speaking 30-50)
- Questions why things happen and gives explanations. (Communication and Language Speaking 30-50)
- · Builds up vocabulary that reflects the breadth of their experiences. (Communication and Language Speaking 30-50)
- Extends vocabulary, exploring the meaning of new words. (Communication and Language Speaking 40-60)
- · Notices detailed features of objects in their environment. (Understanding the World, The World 22-36)
- · Comments and asks questions about aspects of their familiar world and the natural world. (Understanding the World, The World 30-50)
- · Can talk about some of the things they have observed such as plants, animals, natural and found objects. (Understanding the World, The World 30-50)
- Talks about why things happen and how things work. (Understanding the World, The World 30-50)
- Developing an understanding of growth, decay and changes over time. (Understanding the World, The World 30-50)
- · Shows care and concern for living things and the environment. (Understanding the World, The World 30-50)
- · Looks closely at similarities, differences, patterns and change. . (Understanding the World, The World 40-60+)

## Reception

Extends vocabulary, especially by grouping and naming. (Sp 40-60)

- · Uses talk to organise, sequence and clarify thinking, ideas, feelings and events (Sp 40-60)
- They develop their own narratives and explanations by connecting ideas or events. (ELG Sp)
- They answer 'how' and 'why' questions about their experiences or events. (ELG Und)
- · Shows some understanding that good practices with regard to exercise, eating, sleeping and hygiene can contribute to good health. (HSC 40-60)



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- · Looks closely at similarities, differences, patterns and change. (40-60 The world)
- · Children know about similarities and differences in relation to objects, materials and living things. (ELG The World)
- They make observations of animals and plants and explain why some things occur, and talk about changes. (ELG World)
- $\cdot$  Children know the importance for good health of physical exercise, and a healthy diet, and talk about ways to keep healthy (ELG HSC)