**St Austin’s Science Long Term Plan 2022-23**

**Full Investigation Topics**

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| **Year Group** | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Nursery** | Marvelous Me  Managing own hygiene  Make healthy choices about food, drink, activity and tooth brushing. | Julia Donaldson  Use all their senses in hands-on exploration of natural materials.  Managing own hygiene.  Make healthy choices about food, drink, activity and tooth brushing. | Amazing Animals  Use all their senses in hands-on exploration of natural materials.  Plant seeds and care for growing plants.  Managing own hygiene.  Make healthy choices about food, drink, activity and tooth brushing. | Transport  Explore collections of materials with similar and/or different properties.  Talk about what they see, using a wide vocabulary.  Understand the key features of the life cycle of a plant and an animal.  Begin to understand the need to respect and care for the natural environment and all living things.  Managing own hygiene.  Make healthy choices about food, drink, activity and tooth brushing. | People Who Help Us  Use all their senses in hands-on exploration of natural materials.  Explore collections of materials with similar and/or different properties.  Begin to understand the need to respect and care for the natural environment and all living things.  Talk about the differences between materials and changes they notice.  Managing own hygiene.  Make healthy choices about food, drink, activity and tooth brushing. | Under The Sea  Use all their senses in hands-on exploration of natural materials.  Explore collections of materials with similar and/or different properties.  Talk about what they see, using a wide vocabulary.  Explore and talk about different forces they can feel.  Managing own hygiene.  Make healthy choices about food, drink, activity and tooth brushing. |
| **Reception** | Magical Me  Explore the natural world around them.  Know and talk about different factors that support their overall health and wellbeing: physical activity, healthy eating.  Further develop the skills they need to manage their own needs successfully. E.g. personal hygiene and mealtimes. | Rhyme Time  Let’s Celebrate  Describe what they see, hear and feel whilst outside.  Understand the effect of changing seasons on the world around them.  Further develop the skills they need to manage their own needs successfully. E.g. personal hygiene and mealtimes. | We’re Going On A Journey  Describe what they see, hear and feel whilst outside.  Recognise some environments are  different to the one in which they  live.  Understand the effect of changing seasons on the world around them.  Further develop the skills they need to manage their own needs successfully. E.g. personal hygiene and mealtimes. | Food Glorious Food  Recognise some environments are  different to the one in which they  live.  Understand some important  processes and changes in the  natural world around them – changing states of matter.  Know and talk about different factors that support their overall health and wellbeing: physical activity, healthy eating.  Further develop the skills they need to manage their own needs successfully. E.g. personal hygiene and mealtimes. | Growth  Explore the natural world around them.  Understand the effect of changing seasons on the natural world around them.  Know and talk about different factors that support their overall health and wellbeing: physical activity, healthy eating.  Further develop the skills they need to manage their own needs successfully. E.g. personal hygiene and mealtimes. | Holidays  Explore the natural world around them.  Describe what they see and feel whilst outside.  Recognise some environments that are different to the one in which they live.  Understand the effect of changing seasons on the natural world around them.  Further develop the skills they need to manage their own needs successfully. E.g. personal hygiene and mealtimes. |
| **Year 1** | Everyday Materials (P) | Seasonal Change  Autumn | Seasonal Change Winter | Animals including Humans | Seasonal change Spring | Plants  Seasonal Change Summer |
| **Year 2** | Animals including humans |  | Living Things and their habitats | Materials |  | Plants (B) |
| **Year 3** | Rocks | Forces and Magnets (P) | Light (P) | Animals including Humans | Plants |  |
| **Year 4** | States of Matter (C) | Sound | Electricity | Animals including humans | All Living Things |  |
| **Year 5** | Living Things and their habitats | Forces in action | Earth and Space |  | Properties and changes of materials (C) | Animals including humans |
| **Year 6** | Animals including humans (B) | Evolution and Inheritance | Electricity | Light | Living things and their habitats |  |