**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 MeManaging own hygieneMake healthy choices about food, drink, activity and tooth brushing.  | Julia DonaldsonUse all their senses in hands-on exploration of natural materials.Managing own hygiene.Make healthy choices about food, drink, activity and tooth brushing. | Amazing AnimalsUse 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. | TransportExplore 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 UsUse 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 SeaUse 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 MeExplore 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 TimeLet’s CelebrateDescribe 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 JourneyDescribe what they see, hear and feel whilst outside. Recognise some environments aredifferent to the one in which theylive.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 FoodRecognise some environments aredifferent to the one in which theylive.Understand some importantprocesses and changes in thenatural 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.  | GrowthExplore 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.  | HolidaysExplore 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  |  |