**ST CHARLES’ CATHOLIC PRIMARY**

**SCHOOL**

**SCIENCE MEDIUM TERM PLANNING 2021-2022**

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|   | **AUTUMN**  | **SPRING**  | **SUMMER**  |
| **YEAR 1**  | **Seasonal Changes**Observe changes and describe weather | **Plants**Identify and name plants and their structure | **Animals Including Humans**Identify and name animals and their structure including humans |
| **Everyday Materials**Identify and name materials and their properties |

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| **YEAR 2** | **Uses of Everyday Materials**Identify and compare uses and movement on different surfaces | **All Living Things and their Habitats**Explore living/ dead things and habitatsFood Chains | **Plants**How plants grow |
|  | **Animals Including Humans**Survival, growth and exercise |
| **YEAR 3**  | **Forces and Magnets**Magnets and forces Compare, describe, group, properties magnetic materials | **Animals Including Humans**Nutrition, skeletons and muscles | **Light**Reflections and shadows |
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| **Rocks**Compare, describe, group, properties, fossils, soils | **Plants**Functions, growth, water transportation, flowers in life cycle |
| **YEAR 4**  | **Living Things and their Habitats** Identify living things and their environment classification key | **Electricity**Circuits Conductors and insulators | **States of Matter**Compare, group solids, liquids, gasesHeating, coolingCondensation, evaporation |
| **Animals Including Humans**Digestive system, teeth, food chains | **Sound**How sounds are made, Vibrations, pitch and volume |
| **YEAR 5**  | **Properties and Changes of Materials**Compare, group, uses of materialsSolutions – dissolving and recoverySeparating – filtering, sieving, evaporation Reversible and irreversible change  | **Earth and Space**Movement - Earth to Sun, Moon to EarthSpherical bodiesRotation: day & night  | **Animals Including Humans**Human changes from birth to old age.  |
| **Forces**Gravity, air and water resistance, friction, gears, pulleys, levers | **All Living Things** Life cycles and reproduction in plants and animals  |
| **YEAR 6**  | **Light**Travels in straight lines, Reflections to eye, light sources to eye, Shadows shape and size | **Evolution and Inheritance**Change of living things over time, fossils, offspring and environment | **Animals Including Humans**Circulatory system, Functions of heart, blood vessels and bloodDiet and exerciseNutrients and water transportation**All Living Things**Plant and animal classification  |
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| **Electricity**Effects of numberVoltage of cellsCompare and give reasons for variationsUse and recognise circuit symbols |