

| | | | |
|--|---|---|---|
| Class /Year: Year 4 | Start Date: May 2025 | Finish Date: July 2025 | |
| |  | Hook: Pupils will play with an assortment of games which have an electrical component. | |
| | | Rationale: Children will explore electricity. They will make circuits and test materials to see if they conduct electricity. They will find out about renewable sources of energy and will design and make their own games which will contain electrical components. Additionally, they will read a range of fiction and non-fiction based on the theme of electricity. | |
| | | Outcome: The children will make and play their own games with electrical components. | |
| Circuits | Main Focus Area: Science- Electricity Pupils should be taught to: -identify common appliances that run on electricity -construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers -identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery -recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit -recognise some common conductors and insulators and associate metals with being good conductors | | Supporting Focus Area: Design Technology In groups, children will design, make and evaluate games with an electrical element. Understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors] PSHE Pupils will be focusing on growing and changing and keeping safe. They will discuss physical and emotional changes during puberty. We will discuss personal hygiene and routines to support with this. They will then learn about common household medicines and drugs common to everyday life. |
| | Discrete Teaching Programmes: Daily maths lessons. RE- Ideas about God French: Family PE- Rugby/Athletics | Linked Teaching Programmes English- The Boy Who Harnessed the Wind - Michael Kamkumba Computing: Logo- repeating shapes | |
| Family Homework: Due Friday May 24th Create a safety poster to warn people about the dangers of electricity. Include advice about how to behave around electricity and ways to keep you safe. | | | |