

Newton Tony Primary School CE VC  
Design and Technology Key Facts

Electrical Systems

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| Year 4 | I know that a battery contains stored electricity that can be used to power products.                                |
|        | I know that an electrical circuit must be complete for electricity to flow.  |
| Year 5 | I know that batteries contain acid, which can be dangerous if they leak.   |
|        | I know the names of the components in a basic series circuit, including a buzzer.                                    |
| Year 6 | I know when there is a break in a series circuit, all components turn off.   |
|        | I know that series circuits only have one direction for the electricity to flow.                                     |
|        | I know that an electric motor converts electrical energy into rotational movement, causing the motor's axle to spin. |