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| Vocabulary: gravity, electricity, prism, reflexes, senses, germs, circuit |
| Where topic fits in |

| Week | Intent | NC Links | Implementation | Impact |
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| 1 05.01 | To investigate the effect gravity has on everyday objects. | asking simple questions and recognising that they can be answered in different ways | Children will learn about some of the work of Isaac Newton, then explore ways in which the speed of falling objects can be affected during either included practical activity. | Can the children use their own knowledge to make predictions? Can the children observe patterns? Can the children talk about what they have found out? |
| 2 12.01 | To investigate what happens to light when it passes through different transparent objects. | observing closely, using simple equipment performing simple tests | Children will learn about Isaac Newton's work and discoveries regarding light, then conduct practical investigations where they will change the ways in which light passes through transparent objects. | Can the children use their own experiences to make predictions? Can the children observe patterns? Can the children talk about what they have found out? |
| 3 19.01 | To investigate whether sound can pass through materials. | using their observations and ideas to suggest answers to questions gathering and recording data to help in answering questions. | Children will learn about some of the work of Alexander Graham Bell, then conduct practical investigations to explore ways in which sound travels through different materials. | Can the children use their own experiences to make predictions? Can the children observe patterns? Can the children talk about what they have found out? |
| 4 26.01 | To investigate our senses and reflexes. | | Children will learn about some significant historical discoveries about the body, then conduct practical investigations where they either test their reflexes, or use their senses of touch, taste and smell. | Can the children use their own experiences to make predictions? Can the children observe patterns? Can the children talk about what they have found out? |
| 5 02.02 | To investigate how germs are transferred by touching things. | | Children will learn about the work of significant scientists who studied how diseases. They will then either create information texts about staying healthy, or explore how germs are transmitted using a scientific mode | Can the children use their own experiences to make predictions? Can the children observe patterns? Can the children talk about what they have found out? |
| 6 09.02 | To investigate electrical circuits to make a lightbulb light up. | | Children will learn about some of the work of Thomas Edison, then make, test, change or improve their own electrical circuits. | Can the children use their own experiences to make predictions? Can the children observe patterns? Can the children talk about what they have found out? |