***SUBJECT OVERVIEW FOR SCIENCE 2020 – 2021 – Scientists in green – info can be found on knowledge mat***

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|  | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Reception** | Skeletons  Body Parts  Eating Healthy | Colour  Seasons  Melting – weather dependent for ice and snow | Magnets  How do toys work?  Melting – weather dependent for ice and snow | Looking after a pet  Mirrors  Magnifying glasses | Plants  Minibeasts  Looking after wildlife | Wild animals  Habitats (compre and contrast) |
| **Year 1** | Animals including humans  ***Jane Goodall*** | | Plants  ***Wangari Maathai*** | Light and Astronomy  ***John Dalton*** | Everyday Materials  ***Norman Foster***  ***Charles Macintosh***  ***Martin Brock*** | Human Body and the Senses  ***Marie Curie*** |
| **Year 2** | Habitats  ***Rachel Carson*** | Animals  ***Steve Backshaw*** | Plants  ***Beatrix Potter***  ***David Douglas*** | Health – Animals including Humans  ***Alexander Flemming***  ***Florence Nightingale***  ***Dr Ernest Madu*** | | Everyday Materials  ***Leo Hendrik-Baekeland***  ***John Loudon McAdam***  ***Julie Brusaw*** |
| **Year 3** | Light and Astronomy  ***Astronomy Centre***  ***Professor Brian Cox***  ***Justus von Liebig*** | Forces and Magnets  ***Sir Isaac Newton***  ***Michael Faraday*** | Rocks  ***Florence Bascom***  ***Mary Anning***  ***Holly Betts*** | Animals including humans – skeletons and movement  ***Sara Bisel***  ***Wilhelm Conrad Rontgen*** | Animals including humans – health and nutrition  ***Joe Wicks (The body coach)***  ***Jamie Oliver*** | Plants  ***Barbara McClintock***  ***Joseph Dalton Hooker***  ***Professor Monique Simmonds*** |
| **Year 4** | Electricity  ***Benjamin Franklin/***  ***Irène Curie-Joliot Thomas Edison*** | Sound  ***Alexander Graham-Bell***  ***Christian Doppler*** | Animals including humans - Teeth and Digestion  ***Dentist or dental nurse***  ***William Beaumont*** | Material Properties  ***Michael Faraday***  ***Alfred Nobel*** | Material changes – water cycle  ***Bernard Palissy*** | Living things and their habitats  ***Seirian Sumner*** |
| **Year 5** | Properties and changes of material (testing)  ***Archimedes***  ***Spencer Silver***  ***Joe Keddie*** | Properties and changes of materials (reversible changes)  ***Stephanie Kwolek*** | Earth and Space  ***Tim Peake***  ***Caroline Herschel***  ***Astronomy centre***  ***Valentina Tereshkova***  ***Nicolaus Copernicus***  ***Maggie Aderin-Pocock*** | Forces  ***Stephen Hawking***  ***Galileo Galilei***  ***Sir Isaac Newton***  ***Emma England*** | Living thing and their habitats - Life Cycles and Reproduction in Plants  ***David Attenborough***  ***Lucy Evelyn Cheesman*** | Animals including humans - Growth and Development  ***Professor Robert Winston***  ***Sarah Fowler*** |
| **Year 6** | Evolution and Inheritance (including adaptations)  ***Charles Darwin***  ***Alfred Wallace*** | Light  ***Humphrey Davy***  ***Abu Ali al-Hasan***  ***(Alhazen)***  ***Ben Jensen*** | Animals including humans – circulatory system and exercise  ***Elizabeth Garrett William Harvey*** | Electricity  ***Nicolas Tesla***  *Peter Rawlinson* | Living things and their habitats – classification  ***Carl Linneaus***  ***Chris Nelson*** | Animals including humans – keeping healthy, diet and lifestyle  ***Louis Pasteur***  ***Dorothy Hodgkin***  ***Anderson*** |