***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** | SkeletonsBody PartsEating Healthy | ColourSeasonsMelting – weather dependent for ice and snow | MagnetsHow do toys work?Melting – weather dependent for ice and snow | Looking after a petMirrorsMagnifying glasses | PlantsMinibeastsLooking after wildlife | Wild animalsHabitats (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*** |