









# Scientists Knowledge Organiser

Year 1 and Year 2

2022 - 2023



| Unit                               | Scientist  | Key Facts  |
|------------------------------------|--|--|
| STEM                               | <b>Jane Goodall</b> – Chimpanzees – Book The Watcher (Year 6 to come and read it to the classes)    | The British scientist <a href="#">Jane Goodall</a> is known for her research on chimpanzees. She studied the animals for many years in the East African country of Tanzania. Her discoveries changed the way chimpanzees are studied and understood. Jane Goodall was born on April 3, 1934, in London, England.   |
| Animals including humans (Y1 unit) | <b>George Mottershead</b>   | George Mottershead founded Chester Zoo in 1931. This zoo was unusual at the time as the animals did not live in cages. They lived in larger enclosures. <a href="https://kids.kiddle.co/Chester_Zoo">https://kids.kiddle.co/Chester_Zoo</a>  |
| Everyday Materials (Y2 unit)       | <b>Charles Macintosh</b> <br><b>John McAdam</b> <br><b>John Dunlop</b>  | Charles Macintosh ( 1766 –1843) was a Scottish chemist and the inventor of the first waterproof fabric. <a href="https://kids.kiddle.co/Charles_Macintosh">https://kids.kiddle.co/Charles_Macintosh</a><br><br>(1756–1836). Scottish inventor <a href="#">John Loudon McAdam</a> was noted for his road-making innovations. He invented the macadam road surface<br><br>(1840–1921). Scottish inventor and veterinary surgeon <a href="#">John Boyd Dunlop</a> developed the pneumatic (air-filled) rubber tire. Although it was invented as an improvement on the bicycle, the pneumatic tire arrived on the scene just in time to contribute to the success of the automobile. |
| Plants (Y1 unit)                   | <b>Jane Colden.</b>   | <a href="#">Jane Colden</a> was a botanist. She is thought to be America’s first woman botanist. She developed a technique for making ink impressions of leaves, and was also a skilled illustrator, doing ink drawings of 340 types of leaf.  |
| Seasonal Change                    | <b>Tim Smit</b> <br><b>Nicholas Grimshaw</b>   | <a href="#">Tim Smit</a> had the idea to build the Eden Project. The Eden Project has specially built ‘biome’ structures. These house lots of different plants.<br><br><a href="#">Nicholas Grimshaw</a> designed the biomes for the Eden Project. A biome is an area with similar weather, rainfall, temperature, plants and animals.   |