

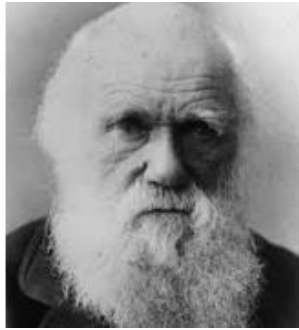
## Mill Rythe Junior School Culture Capital Map for Science 2021 – 2022

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Year 3	<p style="text-align: center;"><b>Light</b></p> <p>Percy Shaw (1890 – 1976) – Inventor of cat's eyes.</p> 	<p style="text-align: center;"><b>Forces and Magnets</b></p> <p>William Gilbert (1544 – 1603)– discovered Earth was a magnet.</p>  <p>Leonardo Da Vinci (1452 – 1519) – discovered friction</p> 	<p style="text-align: center;"><b>Rocks and Soil</b></p> <p>Charles Lyell (1797 – 1875) – discovered Earth's surface is due to natural forces over long times.</p> 	<p style="text-align: center;"><b>Plants</b></p> <p>Harold Hillier (1905 – 1985) – famous horticulturalist</p>  <p>Agnes Arber (1879 – 1960) Famous botanist who fundamentally helped our understanding of flowering plants</p> 	<p style="text-align: center;"><b>Animals and Humans</b></p> <p>Hippocrates (460 BC – 370 BC) Pioneer of medical science.</p>  <p>Charles H Turner (1867 – 1923) Pioneering zoologist who discovered that insects can hear.</p> 

Year 4

**Living Things**

Charles Darwin (1809 – 1882) – pioneering scientist who developed the theory of evolution.



David Attenborough (1926 – present) Natural historian and ecological warrior.



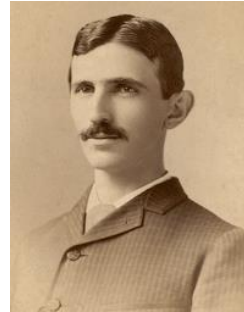
**States of matter**

John Smeaton (1724 – 1792) Inventor of concrete.

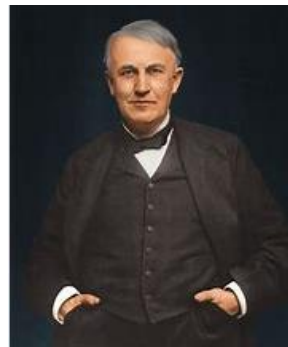


**Electricity**

Nikola Tesla (1856 – 1943) Electrical pioneer and futurist.

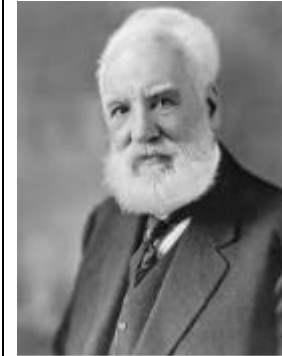


Thomas Edison (1847 – 1931) Inventor of the lightbulb amongst many other things



**Sound**

Alexander Graham Bell (1847 – 1922) Inventor of the telephone.



James West (1931 – present) Inventor of electrical microphone in telephones and hearing aids.



**Animals and Humans**

Percy Julian (1899 – 1975) Pioneering Chemist who created medicine to treat glaucoma and arthritis.



Year 5

**Space**

Neil Armstrong (1930 – 2012) First man on the Moon.



Brian Cox (1968 – present) Astronomer and physicist.



Mae Jemison (1956 – present) First black female astronaut to travel into space.



**Living things and habitats - Plants**

George Washington Carver (1864 – 1943) Agricultural scientist who revolutionised farming.



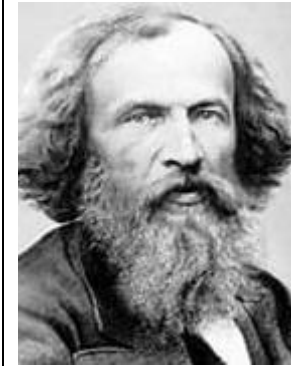
**Living things and habitats – Animals**

Jane Goodall (1934 – present) Ethologist and behavioural expert on primates.

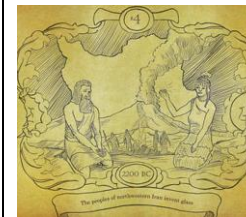


**States of matter**

Dimitre Mendeleev (1834 – 1907) Created the periodic table.



The northwestern people of Iran (2200 BC) Invented glass.



**Forces**

Isaac Newton (1642 – 1726) Discoverer of gravity



Year 6

All living things

Carlus Linnaeus (1707 – 1778) Revolutionised animal classification



Alexander Fleming (1881 – 1955) Discoverer of penicillin.



Evolution and inheritance

Mary Anning (1799 – 1847) Discoverer of first, complete ichthyosaurus fossil amongst hundreds of others.

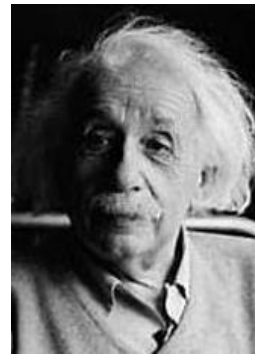


Charles Darwin (1809 – 1882) – pioneering scientist who developed the theory of evolution.



Light

Albert Einstein (1879 – 1955) His work on light and gravity changed the world of physics forever.



Stephan Hawking (1942 – 2018) Renowned physicist



Animals inc Humans

Marie Maynard Daly (1921 – 2003) Pioneering scientist who led the work on the effects of cholesterol and sugar on the human body.



Donald Palmer (1962 – present) Currently leading the fight against cancer with his research.



Electricity

Lewis Latimer (1848 – 1928) – Inventor of the electric bulb amongst hundreds of other inventions.



