






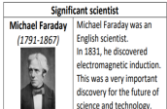





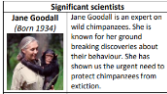















JKPS Science Curriculum 2021-2022 Showing Topics and Scientists to be Studied

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2 Outdoor Focus
Year 1	Safari Seasonal Change Seasonal changes and different types of weather  GEORGE WASHINGTON CARVER 1865-1943  Charles H. Turner 1867 - 1923	Farms Animals Children will identify, name and describe common animals	Toys Everyday Materials Children will identify everyday materials and their properties	Dinosaurs Animals and Humans skeletons- Skeletons of different animals and what that tells us	Around London Humans Nurse Princess Campbell 1939 - 2015 How to be healthy Senses	Imagination Outdoor Learning- plants What plants can we find and how do we look after them? 
Year 2	Space Earth & Space Children will understand how we have night and day  Mae Jemison 1956 -	Great Fire of London Materials Children will learn the properties of common materials and their uses	British Woodlands Living Things in Their Habitats Children will learn how habitats support the animals in them	British Queens ANIMALS Keep the Corgi's healthy	Pirates: Humans How to be a healthy pirate  	Hidden Hero Outdoor learning Children will learn that nutrition is obtained from food-vege garden 
Year 3	George and the Dragon Forces Magnets and friction  Michael Faraday (1791-1867) Significant scientist Michael Faraday was an English scientist. In 1831, he discovered electromagnetic induction. This was a very important discovery for the future of science and technology.	Stone Age Rocks and Soil Children will categorise rocks, and learn how fossils are made Rufus Catchings Geologist 	Egypt Light Children will learn why some animals have skeletons and muscles	Egypt Humans Children will learn the functions of the digestive system	Jungles- Plants Children will learn about the structure and pollination of flowering plants Mary Seacole 1805 - 1881 	African Fables Outdoor Learning Plants Name the trees in our garden- How do we keep them alive? 
Year 4	Ironman : Electricity Children will construct simple circuits with components  Lewis Latimer 1848 - 1928	Romans: Teeth and Digestion How to look after teeth  Matthew Henson	Antarctica Materials – changing properties Solids, Liquids and gases and their Changing states	Zoo Living Things in Their Habitats (cold climates) Children will learn how animals are suited to their habitats  Jane Goodall (born 1934) Significant scientist Jane Goodall is an expert on wild chimpanzees. She is known for her ground breaking discoveries about their behaviour. She has shown us the urgent need to protect chimpanzees from extinction.	India Sounds Children will learn about sound waves, vibrations pitch and volume  Marie Maynard Daly 1921- 2003 	Vicious Vikings: Outdoor Learning Plants How can we make soil? 
Year 5	Kezunki's Kingdom: Properties of Materials Children will categorize everyday materials based on their properties	The Titanic Flower Production How flowers reproduce	World War Two Forces Children will learn about the impact of forces  Beatrice Shilling	Unspoken Habitats- Animal Life Cycles Insects, amphibians and birds life cycles 	London : Life Explorers Children will learn about the life cycles and timelines of humans  Maggie Aderin-Pocock (born 1968) Significant scientist Maggie is a British space scientist and science educator. She is working on the observation instruments for the Aeolus satellite, which will measure wind speeds to help the investigation of climate change.  Mary Jackson 1921- 2001 	Nasa-HIDDEN FIGURES Life and Space Children will learn about the movement and rotation of Earth and others
Year 6	Greek Light Children will understand how light gets from a source to our eyes 	Refugees Evolution and Inheritance Children will understand how living things have changed over time  Patricia Bath 1942 - 2019 	Evolution Living Things in Their Habitats Children will classify plants & animals, giving reasons for this classification 	Japan Humans Children will learn about the digestive system and the impact of diet	Fairy Tales Revision Garrett Morgan 1877 - 1963 	Moving On: Electricity Children will look at the function of components can be altered