IKDS Science 2024

JKPS Science 2024						JUDITH KERR Barangar Bahar
	Autumn1	Autumn2	Spring 1	Spring 2	Summer1	Summer 2
Reception	Outside/Inside	Knowing Yourself	Talents and Powers			
Year 1	Journeys and Exploration- how did I get here? Seasonal Change Seasonal changes and different types of weather	Heroes and Villains- why do we need to remember? Humans How do we grow and stay healthy?	Similarities and Differences- toys from the past Everyday Materials Children will identify everyday materials and their properties	Nature- Ancient Forests Animals Children identify and describe- forests	Friendship and Kindness- London Humans Skeletons of different animals and what that tells us – change and reduce the dinosaur component	Imagination and Creativity- what can buildings tell you? Outdoor Learning- plants What plants can we find and how do we look after them?
Year 2	A Twist in a Tale - Monarchs Animals Learn how to look after animals	Conservation-Water Ways Living Things in Their Habitats Children will learn how habitats support the animals in them	Bravery – Hidden Heroes- Mary Seacole Keeping Healthy Learn how to keep healthy	Change and Relationships – different types of settlements Materials Children will learn the properties of common materials and their uses	Fantasy – Space Earth & Space Children will understand how we have night and day	Urban Metropolis-GFoL Outdoor learning Children will learn that nutrition is obtained from food-vege garden
Year 3	Magic and Wonder- Stone Age Rocks and Soil Children will categorise rocks, and learn how fossils are made	Dreams and Curiosity-UK Humans Children will learn the functions of the digestive system	Disaster- Mountains Forces Magnets and friction	Overcoming adversity – Egypt Light Children will learn about natural and artificial light and shadows	From mystery to discovery – river Jungles - Plants Children will learn about the structure and pollination of flowering plants	Confidence and caution-Romans Outdoor Learning Plants Name the trees in our garden-How do we keep themalive?
Year 4	Finding freedom-Coasts Teeth and Digestion How to look after teeth	Invention and innovation - Anglo-Saxons Electricity Children will construct simple circuits with components	Darkness and light- Conservation- Endangered Species Living Things in Their Habitats Children will learn how animals are suited to their habitats	Courage and Voyage — Vikin Sounds Children will learn about sound waves, vibrations, pitch and volume	Exploration and Discovery – Polar Explorers Materials – changing properties Solids, Liquids and gases and their Changing states	Different Worlds- Benin? Outdoor Learning Plants Look at how to plan a garden.
Year 5	Ambition and Desire – Hidden Histories - £10 note Earth and Space Children will learn about the movement and rotation of Earth and others	Power versus Principle – Greece Flower Production How flowers reproduce	Belongings and Equity- Crime Habitats- Animal Life Cycles Insects, amphibians and birds life cycles	Legends and Folklore Properties of Materials Children will categorize everyday materials based on their properties	Lessons From History- WW2 Forces Children will learn about the impact of forces	Mystery and Truth Life Cycles Children will learn about the life cycles and timelines of humans
Year 6	Migration and Movement-Refugees Light Children will understand how light gets from a source to our eyes	Evolution and Inheritance- Biomes Evolution and Inheritance Children will understand how living things have changed over time	Enterprise and Activism- Suffragettes Living Things in Their Habitats Children will classify plants & animals, giving reasons for this classification	Utopia versus dystopia - Energy Electricity Children will look at the function of components can be altered	Fate versus Freewill Trade Humans Children will learn about the digestive system and the impact of diet	Moving On- Activism RSE