



Project Planning – Einstein Class

RAINFORESTS AND OUR PLANET

Key question – HOW CAN WE SAVE THE RAINFORESTS TO ENSURE OUR FUTURE GENERATIONS HEALTH AND OXYGEN SUPPLY?

SUPERB STARTER GEOGRAPHY DAY – Orienteering exercise, maps, atlases, compass points (8 points), grid references.

GEOGRAPHY – Where are rainforests located? Continents, countries, oceans and rivers. River study – the Amazon river. Pink dolphins and other endangered species. Biomes in a bottle. Layers of a rainforest and the creatures that inhabit each layer. SCIENCE – Weather in rainforests, weather study, compare our weather to a rainforest. Types of weather.

D AND T – Create a monsoon proof roof for a rainforest village in the Amazon rainforest.

SCIENCE – Flowering plants. Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers. Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant. Investigate the way in which water is transported within plants. Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. Light - Recognise that they need light in order to see things and that dark is the absence of light. Recognise that shadows are formed when the light from a light source is blocked by an opaque object. Find patterns in the way that the size of shadows change.



MIX IT UP MIDDLE -

MUSIC - MUSICAL INSTRUMENT WEEK. Create rain shakers and drums using recycled materials. Create rainforest music in groups.

MUSIC - Study Brazilian musicians.

ARTIST STUDIES – Beatriz Milhazes and Romero Britto. Create batik art and use tie dye techniques

ART – Create sun god art using pastels.



INNOVATION PROJECT 3 WEEKS

COOKING, ENGLISH AND D AND T. Undertake an innovation project about chocolate. Where does chocolate come from? The journey from bean to bar. Taste different chocolate bars and discuss. Look at branding and packaging. Plan our own chocolate brands and make chocolate bars. Look at costings and packaging and then sell the chocolate to parents after school.

ENTHRALLING ENDING
TRIP TO CADBURY WORLD.

RE DAYS

To understand who is a Sikh and what they believe in.

To understand who is a Buddhist and what they believe in.

VOCAB Guru Nanak, Amrit, 5Ks, langar, Acceptance, Chaur Sahib, Equality, Family life, Five K's Forgiveness, Gurdwara, Guru Granth Sahib, Kaur, Kirtan, Langar, Meditation, Mool Mantar, Nishan Sahib, One Creator (Ek Oankar), Respect, Sangat, Sharing, Seva, Singh, Sikh, Sikhism (Sikhi), Ten Gurus, Truth, Turban. Buddha, teacher, Buddhist Centre/Temple, meaningful objects, monks and nuns, rebirth, happiness, suffering, compassion, kindness, meditation.