

EINSTEIN CLASS SPRING 2023

RAINFORESTS AND OUR PLANET

Project Learning Review

ART AND MUSIC

Sketching techniques include: shading, hatching, cross hatching, stippling, circling and blending.

Batik art uses a wax resist technique. Fabrics and inks are used for tie dye techniques.

Rain shakers and drums can be created using recycled materials.

Simple music with a rhythm can be created independently or in groups.

COMPUTING

Photography – Photographs can be taken using zoom features.

Photographs can be edited and filters can be applied.

GEOGRAPHY

Orienteering is useful for finding locations. Maps and atlases are used to locate continents and countries. The 8 compass points are: North, North East, East, South East, West, South West, West, North West.

Rainforests are located in many continents. There are 4 different types of rainforests: tropical, temperate, seasonal, semi-evergreen and moist deciduous. The Amazon river, in South America, is 6,400km long. It is the second longest river in the world. Pink Amazon dolphins are endangered. A biome is a habitat.

Rainforests are structured in four layers: emergent, canopy, understory and forest floor. Each layer has unique characteristics based on how much water, sunlight and air it experiences.

Weather in rainforests is varied. A tropical rainforest experiences sunshine, rain, clouds and monsoons all in one season.

SCIENCE

Light is reflected from surfaces. Shadows are formed when the light from a light source is blocked by an opaque object. The sun can be dangerous and we should protect our eyes using sunglasses.

The different parts of flowering plants are: roots, stem, leaves and flowers.

Plants need: air, light, water, nutrients from soil, and room to grow. Flowers play a part in the life cycle of flowering plants; they do this through pollination, seed formation and seed dispersal.

COOKING AND NUTRITION

Chocolate comes from a cocoa bean. Chocolate is made when the bean is mixed with sugars and fats.

Fairtrade industry happens when the producer is given a fair price for their goods and the workers are treated well.



DESIGN AND TECHNOLOGY

A monsoon proof roof is needed in the Amazon rainforest to keep things dry.

Plastic is a good waterproof material.