

YEAR 6: Breathtaking Brazil

ESSENTIAL KNOWLEDGE: During the topic, children will learn about where Brazil is and compare this to their own location. They will complete research about the country and make comparisons to the UK. They will use maps, atlases and aerial photographs to talk about the geographical features of an area and use complex geographical language to describe physical and human features. In addition to this, children will develop an awareness of the importance of rainforest conservation and sustainability. They will consider how the decline of the rainforest links to climate change, encouraging them to become well informed global citizens.		SCIENCE: <ul style="list-style-type: none">To identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.To recognise that light appears to travel in straight lines.To use the idea that light from light sources, or reflected light travels in straight lines and enters our eyes.To explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes.To use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.	Science Targets - A Year 6 Scientist <ul style="list-style-type: none">To plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.To take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate.To record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.To use test results to make predictions to set up further comparative and fair tests.To report and present findings from enquires, including conclusions, casual relationships and explanations of and degree of trust in results. (Oral, written and forms such as presentations.)To identify scientific evidence that has been used to support or refute ideas or arguments. MUSIC: Year 6 will learn more about music theory and interrelated elements. They will also explore periods of Music History (Baroque, Classical, Romantic, Modern). Year 6 will also be learning to play the Ukulele in music lessons this half term.
KEY QUESTIONS: Where is Brazil in relation to the UK and the rest of the world? When is a good time to ring friends is Brazil? Which physical and human landforms would you visit and why? Which biome would you stay in and why? How will weather and climate affect a tourists itinerary?			
GEOGRAPHY: Children will be finding out which time zone Brazil is and use a time zone map to find out differences in time between Brazil and the UK. Physical and Human Landmarks will be discussed throughout the topic and children will be able to locate them on a map as well as researching them to explain why they are attractive to tourists who visit the area. As Brazil is a large country, children will understand the biomes within in and its features.	ART: Children will be looking at the work of modern artist Romero Britto. They will be inspired by his highly stylistic designs and will create landscape and portraits.		
	D.T: The carnivals of Rio will inspire children’s creations of headdresses along with other influences such as the rainforest. They will investigate ways of joining materials to make a strong structure.		
PE – Gymnastics and dance. Computing- computer aided design will be used to design a 3D key fob. E-Safety – Pupils explain the differences between bullying and cyberbullying. PSHEC – Puberty, mental health awareness, understanding radicalisation and extremism, emotion coaching. FRENCH - develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases. Speak in sentences, using familiar vocabulary, phrases and basic language structures. Ma journee – Talking and asking about daily routines, timings and the details of a typical day. Les transports – Talking about where you’re going and how you get there, planning a journey and buying tickets.	MATHS: Here at Pitmaston, we follow a spiral approach to planning. Children will be taught a variety of different topics throughout any given week, allowing us to revisit key learning as the year progresses. The topics covered are: The Four Calculations (x-+÷), place value and number/mental maths, shape and measure, fractions, decimals and percentages, ratio, statistics and time.	ENGLISH: This term we are focusing on non-fiction texts which link to our Brazilian topic. <ul style="list-style-type: none">PersuasionDiscussionNon-chronological reportsFormal letters	VISITS & ENRICHMENT Carnival celebrations Homework Maths and spelling homework will be sent out on Fridays.

