

Y5 Newsletter – Summer 1



Dear Parents/Carers

We hope you've all had a restful and relaxing break.

This half term our project is 'Dangerous or Endangered?'. We will begin by using Atlases, globes and digital mapping to answer the question 'Where in the World is Brazil?'. We will find out what the location means for the physical geography of the country, before focusing in on Sao Paulo, comparing this major city with Sheffield. Our focus will then shift to the Amazon rainforest. We will find out what a rainforest is, what the weather is like and how the climate affects the terrain, the animals and the people. We will also learn about the process of trade and how worldwide trade is impacting on the rainforest.

In week 3 we will visit the 'Tropical Butterfly House' where the children will take part in '*Animal Senses, Tropical Habitats & Adaptations*'; an education session focusing on rainforests, the animals that live in them and the adaptations these animals need to survive. We will continue this work back in school where we will investigate the adaptations of rainforest creatures. We will then describe the differences in the life cycles of rainforest mammals, amphibians, insects and birds and discover more about the life process of reproduction in some of these plants and animals. Alongside this, we will look at the artist Henri Rousseau, recreating his jungle painting. We will refine our drawing techniques focusing on the form of the animals, before using printing techniques to create the vegetation.

For more details about what will be taught this half term, please see the project plan over the page.

Remember, if you have any questions or concerns, please see Mrs Laybourn, Mrs Bodimeade or Mr Windslow. For short enquiries, class teachers can be found in the playground at both the start and end of the day. Longer meetings can be organised in advance, by making an after school appointment. We are looking forward to working with you and your children.

Kind regards

Mrs Laybourn, Mrs Bodimeade (Y5LB) and Mr Windslow (Y5CW), with teaching assistant Miss Walsh.

Nurturing a caring community, in which every child learns well.

Driver 1: Citizenship

Enable children to make their own decisions and take responsibility for their own lives and communities.

Develop children's understanding of and responsibilities within their communities from the local (Sheffield) to the national (British) and finally global (World)

Driver 2: Aspiration

Provide children with the necessary skills, knowledge and understanding to succeed irrespective of socio-economic background and/or gender.

Promote self-efficacy, which is an individual's belief in his/her innate ability to achieve goals.



Long Term Project Planning: Learning Objectives

Year Group: 5

Term: Summer1

Project Stimulus (Visit/Experience): The Tropical Butterfly House

Project Outcome: Y3 / Y5 pupils sharing afternoon

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Literacy	Narrative The Explorer by Katherine Rundell Story Openings	Narrative The Explorer by Katherine Rundell Character Description	Narrative The Explorer by Katherine Rundell Setting Description	Non – fiction Non-chronological reports Rainforest Animals	Non – fiction Non-chronological reports Rainforest Animals	Non – fiction Non-chronological reports Rainforest Animals
Numeracy	Number – Percentages Solve problems which require knowing percentage and decimal equivalents of common fractions.	Geometry – Angles Know angles are measured in degrees; estimate and compare acute, obtuse and reflex angles. Draw given angles and measure them in degrees (°).	Geometry – Angles Identify angles at a point and one whole turn.	Geometry – Shape Identify 3D shapes, including cubes and other cuboids, from 2D representations. Use the properties of rectangles to deduce related facts and find missing lengths and angles.	Geometry – Position and Direction Identify, describe and represent the position of a shape following a reflection or translation.	Geometry – Position and Direction Identify, describe and represent the position of a shape following a reflection or translation.
Project Work	Geography Use maps to locate Brazil and find geographical information. + Easter Activities		Geography Compare a city in Brazil (Sao Paolo) to our home city, Sheffield.	Geography Rainforest structure, weather, climate and people.	Science Lifecycles of Rainforest mammals, amphibians, insects and birds. Reproduction of these animals and plants.	Art Henri Rousseau inspired printing
Key Vocabulary	continents northern hemisphere / southern hemisphere climate equator capital city		population weather housing important buildings transport	tropical climate zones biomes vegetation belts layers	mammal amphibian insect bird reproduction similarities / differences	foreground / background shade form texture
Key Dates	Wednesday 17 th April: Easter Egg Viewing		Thursday 2 nd May: Trip to the Tropical Butterfly House			

Spring Term Project

Thank you to everyone who joined us for our STEM workshop at the end of last half term. The children had worked so hard designing and constructing their bridges and it was super for them to have the opportunity to test them with you. Some were unbelievably strong; it's amazing what you can do with PVA glue and art straws!

They also really enjoyed using their learning from their bridge building in the spaghetti and marshmallow challenge. There were lots of strong and steady structures; well done!

Your Feedback

Lovely to see to the children working so cooperatively together.

Great, hands on activities.

The children must have worked so hard on their bridges.

A super range of challenges

We also just wanted to give advanced warning about our Y5 Eid Assembly early next half term, which will take place at **2:45pm on Wednesday 12th June** .

We hope that you will be able to join us.