



Year 5 Curriculum Newsletter: Autumn 2



This half term our topics are:

Science driver: Will we ever send another human to the moon?

Geography Driver: What's so Special about the Rainforest?

English

For English we will be studying grammatical devices such as parentheses, relative clauses and subordinate clauses in order to extend our sentences. This will be honed within different genres of writing including diary writing, narrative, poetry and recounts.

Key Vocabulary:

Fronted adverbial, relative clause, pronouns, parentheses, past perfect, past continuous, genre, tone/style

Useful Links:

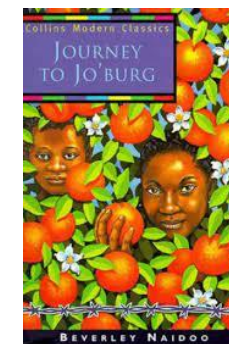
<https://www.activelearnprimary.co.uk/login?c=0>

Reading

Each week we will be studying texts and developing our READ skills (Retrieval, Exploring Text Vocabulary, Analysing Text layout and structure, Deduction and Inference Skills)

Over this half term our core text will be Journey to Jo'Burg by Beverley Naidoo. We will also be spending a week focusing on the poetry of Grace Nichols. Her poem 'For Forest' ties perfectly into our rainforest topic.

Please read with your child for at least 20 minutes a day and write in the reading record book with a comment outlining how much your child read/their thoughts on the book.



Maths

For Maths we will be studying a unit on Geometry and Shape. We will be first examining angles (classifying, estimating and measuring) before going on to regular and irregular polygons. The unit will conclude with an investigation of co-ordinates (reflection, translation and symmetry).

Key Vocabulary:

Acute, right angle, obtuse, reflex, polygon, regular, irregular, co-ordinates, reflect, translate

Useful Links:

<https://www.bbc.co.uk/bitesize/topics/zb6tyrd>

Science

For Science we will be studying our topic on Earth and Space. In this unit, we will be investigating the size and movement of celestial bodies around our solar system (and how ideas of this have changed throughout history). The children will also have a trip to the Science Museum to enrich their learning in this topic.

Key Vocabulary:

Planets, celestial body, gravity, geocentric model, heliocentric model, Galileo Galilee, time zones

Useful Links:

<https://www.bbc.co.uk/bitesize/topics/zkbbkqt>

Geography

For History we will be studying the rainforest. We will be examining the different levels of the rainforest, before finding out a bit more about the plants and animals that call this place home. The children's learning in this topic will be enriched with a visit from Andrew Smith: A Rainforest Experience.

Key Vocabulary:

Forest floor, understory, canopy, emergent layer, food chain, predator, logging, deforestation, climate change

Useful Links:

<https://www.bbc.co.uk/teach/class-clips-video/geography-ks2-ks3-life-in-guyanas-rainforests/zv7scqt>

RE

For RE we will be concluding our topic on Life Choices by learning about the mission of Father Keith. We will then briefly be diving in to Judaism to learn a bit about the story of Exodus and Passover. We will then begin our run-up to Christmas by celebrating advent. In this topic, aptly titled 'Hope', we will be exploring ways in which we can wait hopefully for Jesus' coming.

Key Vocabulary:

Vocation, seder, plagues, advent, gospel story

Useful Links:

<https://www.bbc.co.uk/bitesize/topics/znwhfg8>

Computing

For Computing we will be concluding our topic on databases (compiling our own using Excel), before moving onto a topic of Blogging. Using J2E, the children will be able to write their own blogs before responding to their classmates'. We will be talking about remaining safe online.

Key Vocabulary:

Data set, field, input, representing data, directory, blog, comment, share, post

Useful Links:

<https://www.theschoolrun.com/benefits-blogging-your-child>

Art & Design

For Art & Design we will be finishing our construction of pulley mechanisms (wells) before designing our school-wide Advent display.

Key Vocabulary:

Pulley, advent, printing, finishing, evaluating

Music

For Music we will be learning a variety of songs for both Year 5 class assemblies, as well as for Christmas Carol Concert (Year 5 takes up a big proportion of the school's choir!)

Key Vocabulary:

Verse, chorus, pitch, tempo, timbre, crescendo, piano, forte

P.E

For P.E this term we will be focusing on Yoga. We will be learning about the importance of mindfulness and discipline when learning different poses in order to combine these forming our own Yoga flow.

Key Vocabulary:

Breathing, mindfulness, yoga flow

Trips

This half-term, Year 5 have the opportunity to visit both the Science Museum (27/11) as well as having a Rainforest Experience (30/11) come to visit us in school!

Homework Project:

For their homework project this term, we would like children to spend 1-2 hours across the half-term up to Christmas putting together either a poster (potentially about a famous scientist), a model (maybe the solar system) or written project (a fact file about a planet). We will present these in the last week before Christmas.