



Peel Clothworkers' Primary School

'Enjoyable learning for life'

Home Learning: W/B - 30 March 2020

Year 6

Writing: Introductions for non-fiction texts about planets.

1) **Collect 5-10 basic facts about the planet.** (Eg: *Earth*: 1) looks blue, white, and green from space, 2) is third from the sun, 3) has an atmosphere with oxygen, 4) is a rocky planet, 5) spins at an angle as it orbits the sun, 6) light takes 8 minutes to travel from the sun to the Earth, etc...) (2) **For each fact write at least one sentence, using as many of the writing skills as you can, and pretty much just the information in the fact.** (Eg: When seen from space, Earth appears as a blue, green, and white marble. With more water than land, Earth looks largely blue when seen from the vacuum of space. etc...) (3) **Read through your sentences and select a minimum of 5 sentences to edit and rearrange into a paragraph. Think about what you should start with and end with, and make sure you edit the sentences to avoid repetition.** (Eg: *The Earth is like a massive, rocky marble, which has breathable air and drinkable water that is as clear as crystals. Rarely, very rarely, maybe even impossibly rarely, life is created on a planet. In our case, it was due to oxygen in the atmosphere, drinkable water, and a suitable climate. When viewed from the mist of darkness that is space, the first thing you notice about Earth is the deep blue covering most of the Earth's land mass. This is the ocean, a mass of water covering roughly 70-80% of Earth's crust.*)

Maths: Reviewing Understanding of Fractions

Objectives: (1) Compare and order fractions, including fractions less than and greater than 1. (2) Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.

- <https://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-fractions-decimals>
- <https://www.khanacademy.org/math/cc-fifth-grade-math/imp-fractions-3>
- <https://whiterosemaths.com/homelearning/year-7/>
- <https://www.bbc.co.uk/bitesize/topics/zhdwxnb>
- <http://www.kidsmathgamesonline.com/numbers/fractions.html>

Writing Objectives

Incorporate varied structures to organise text coherently; Make use of independent planning techniques including 5 part story structure considering aspects such as suspense, time slips, cliffhangers and flashbacks; Effective use of paragraphs to achieve pace and emphasis; Link ideas across paragraphs using a range of devices e.g. word repetition, layout devices etc; Critically reflect on own writing and edit to improve; Develop characterisation through a range of techniques; Summarise and appeal to a reader through effective techniques in writing a conclusion.

Skills:

- adverbial starts
- strong adjectives and adverbs
- similes and metaphors
- subordinate clauses with commas
- semicolons if you know how

Science: Exploring Earth, Moon, Sun, and Space

Objective: Explain in context the features of the planets in our solar system.

Task: Learn about the different planets with a view to writing a non-fiction page for each one.5

- https://www.homeschoolmath.net/interactives/math_safe_operations_game.php
- <https://www.nasa.gov/kidsclub/index.html>
- <https://www.natgeokids.com/nz/discover/science/space/ten-facts-about-space/>
- <https://spaceplace.nasa.gov>

Reading:

Children should be reading age-appropriate books on a daily basis. Reading at this age is largely independent, but it would be helpful to discuss with your child the books they are reading. *Audible.com* has also released a number of children's books for free streaming on their website, which are great to listen to while colouring, resting, doing chores, etc...

ICT: Coding

Objectives: I use an ICT program to control a number of events for an external device. My device can have more than one pre-determined actions.

- <https://www.bbc.com/ownit/take-control/coding-quiz>
- <https://microbit.org/code/>
- <https://www.bbc.co.uk/bitesize/topics/zvsc7ty>
- <https://www.khanacademy.org/computing/computer-programming>