

Learning Project WEEK 5 (wc 04.05.20) - Environment

Age Range: YEAR 6

Weekly Maths Tasks

Weekly Reading Tasks

Weekly focus: Fractions

White Rose are providing daily home learning linked to the topic of Fractions.

These can be found by searching 'White Rose Home Learning Year 6'.

They can also be found here:

<https://whiterosemaths.com/homelearning/year-6/>

BBC Bitesize are also uploaded daily lessons which can be found by searching BBC Bitesize Home Learning Year 6.

These can also be found here:

<https://www.bbc.co.uk/bitesize/tags/zncsscw/year-6-and-p7-lessons/1>

IXL activities for this week can be found under the 'J' section of learning:

<https://uk.ixl.com/math/year-6>

If a printer is unavailable then your child can write the questions and their answers down on a piece of paper and take a photo to upload to their teacher on either Purple Mash or Class Dojo.

More Paper based activities can be found below:

- Look around your home for things that can be split up into fractions (a pizza, a bar of soap etc). Spend time adding, subtracting, multiplying and dividing different fractions you come up with!
- Design 4 posters, one for each operation. Can you provide step by step instructions as to how to complete these problems? Can you come up with a list of rules and problems that children might come up against whilst dealing with Four Op Fractions.
- Create a mini quiz for somebody to complete with questions from all four operations.

Weekly focus (arithmetic): Ordering Fractions (Using more than, less than and equal to symbols)

- Practice making different fractions into equivalent fractions and using the symbols (<, >, =) to organise them. Come up with the fractions yourself and make them progressively more difficult as you become more and more confident with the process
- Using the examples of fractions from around your house, compare and order these using a less than, more than or equal to sign.

Weekly focus: To retrieve information from a text

Read 'Energy War' and related tasks set on [Purple Mash](#)

Aim to complete one chapter each day.

Additional tasks/reading fluency practice:

- Listen to your child read and let them discuss what they have read. Encourage them to read with expression and intonation.
- Watch [Newsround](#) and discuss what is happening in the wider world.
- Complete a comprehension on [Read Theory](#) site.

Remember to complete any quizzes for books you read on Accelerated Reader (link on website)

Weekly Writing Tasks

Weekly focus: To use persuasive language to engage the reader

- Watch the short video Oceanmaker on Literacy shed. Use this to create a piece of writing which persuades the reader to protect our oceans. Use emotive language, rhetorical questions and imperative verbs to make them agree with you and take action!
- Write an opinion piece on Greta Thunberg, What do you think of her actions? Do you think the school strikes are an effective strategy? Is she too young to make a difference? Try to persuade others to share your viewpoint using the techniques above.

Weekly focus (spelling and grammar):

1. Prefixes and hyphens

- Word banks from home learning packs
- CGP English books – spelling
- Spelling task set on [Purple Mash](#)

2. To distinguish between hyphens and dashes

- CGP home learning books – hyphens and dashes
- The [bitesize](#) tutorial and activities with can be found on 'bitesize daily' and then 'year 6'.
- Activity set on [Purple Mash](#)
- IXL, Year 6 English, Section J

Learning Project - to be done throughout the week

The project this week aims to provide opportunities for your child to learn more about the environment. Learning may focus on changes to different environments, the impact of humans on environments, climate change etc.

Let's Wonder:

Endangered Species- The tiger, Amur leopard, orangutan, sea turtle and the Sumatran elephant are some of the most endangered animals on the planet. Ask your child to choose an animal from one region and describe how it has evolved to suit its habitat. Now ask them to consider how their chosen animal may need to adapt due to the current environment and human threats it faces.

Create an informative leaflet about the threat the animal faces and what humans can do to minimise these threats.

Let's Create:

Upcycling, upcycling- Encourage your child to choose an item within the house that they do not really use anymore - this could be an old item of clothing, accessory or household item - and upcycle it to make a new item that they will use. Ask them to evaluate the product and identify any areas that they could improve if they were to make it again. They may even want to write a set of instructions so that other people can upcycle the same item too.

Be Active:

Using the environment around your home, come up with ways to test your strength and fitness. See you many times you can (safely) go up and down the stairs, use a can of beans as a dumbbell to perform some bicep curls. This activity is all about using your environment to help you get fitter during lockdown! Let your teacher know what innovative ways you have found to use your environment!

Time to Talk:

Air Quality Improvement - Air quality has been debated across the globe and many are concerned that pollution is making the quality of air poor in many countries. However, in Birmingham they are introducing 'Clean Air Zones' from around July 2020. With this in mind, ask your child to create a set of questions that they could ask their parents, grandparents or other family members about how their local area of Birmingham has changed over time. Afterwards, they can interview their family members and then make a video news report about what they have discovered.

Understanding Others and Appreciating Differences:

Do People Intentionally Damage an Area? - Ask your child to imagine that a new park, housing development, restaurant or other structure is being built on green land near their home. How might this be positive for the environment? How might this be negative for the environment? Create a poster that explains the pros and cons of this new development. Consider wildlife, air and noise pollution and jobs.

Additional learning resources parents may wish to engage with

[Classroom Secrets Learning Packs](#) - These packs are split into different year groups and include activities linked to reading, writing, maths and practical ideas you can do around the home.

[Twinkl](#) - to access these resources click on the link and sign up using your own email address and creating your own password. Use the offer code UKTWINKLHELPS.

[Headteacherchat](#) - This is a blog that has links to various learning platforms. Lots of these are free to access.

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