

Big Question: What can we do to help the environment?

Please use these links to inspire your learning this week: https://www.youtube.com/playlist?list=PLPRpl5FW8wTvO-oU1W1vihVCWo_7iCRzr

How to Save Our Planet

Watch the following video clip. You may want to make some notes as you watch it.

<https://www.youtube.com/watch?v=0Puv0Pss33M> -

What are the 4 key things that David Attenborough recommends we do to have a positive impact on our environment?

Summarise these four key messages in your own words. You might want to add in your own ideas (or ideas from your family), about how to save our planet. Or perhaps when you are finished, you could think about any changes that you or your family could make that might help to restore the health of our planet.

Efficient Food Production – Zero Waste Food Shops

Watch the Youtube video about Zero Waste Food Shops.

<https://www.youtube.com/watch?v=mHsLCb7gSI>

Do you believe that Zero Waste Food stores are the future? Make a list of positives and negatives about this way of shopping. Write a paragraph to summarise the positives, one paragraph on the negatives then a final paragraph on what you believe and why?

Remember to think about your core targets for writing!

Fat Questions

Think about the main events, characters and ideas in the book that you are reading. Use the sentence starters below to *ask and answer* 5-10 questions about your book.

Remember to answer your questions in full sentences, using the words from the question to structure your answer. Include quotation marks and page numbers in your answers.

1. Why . . . ?
2. In your opinion . . .
3. How . . . ?
4. Explain . . .
5. In what way . . . ?

Endangered Animals

Looking after our Environment includes protecting our planet for animals and preventing the extinction of species.

Do you have a favourite animal? Can you find out about that animal from a book or the internet?

Use these key questions to help:
Is your animal endangered? Why?
What habitat does it need to survive?
What food does it need to survive?
Does your animal migrate-why/why not?

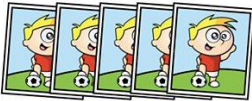



Sustainable Spelling

Pick a spelling task to do using these words linked to this week's Big Question:

*Environmental
Sustainable
Renewable
Emissions
Conservation
Efficiency
Successful
Recyclable
Biodegradable
Reusable*



<p>Ratio</p> <p>https://whiterosemaths.com/homelearning/year-6/</p> <p>Follow the link above to White Rose Maths Home Learning – Year 6 (P7). Click on the minus sign to close Summer Term Week 4 and then click on the pink ‘Week 1’ tab at the bottom. You will see a series of short lessons on ratio. Each lesson has a video tutorial and accompanying written activities. Start with lesson 1, then you may feel ready to try lessons 2-4. Perhaps it would be an idea to space them out over a few days.</p>	<p>Squares and Primes</p> <p>This is a game for 2 players. You will need a hundred square (a drawn out grid will do), 2 counters and a dice. Take it in turns to roll the dice and move along the board. The game is closely related to ‘Snakes and Ladders, but here the Number Properties direct the play instead of the snakes. If a player lands on a Square Number you can jump forward one space, but should you land on one of the (more common) prime numbers, however, you must move back!</p> <p>A square number is the product of a number multiplied by itself e.g. 1 (1 x 1), 4 (2x2), 9 (3x3)</p> <p>A prime number is a number that only divides by one and itself, e.g. 2, 3, 5,7,11</p> <p>If you do not have anyone to play with, you could colour code your hundred square, using one colour for square numbers and a different colour for prime numbers.</p>	<p>Grandmas and Trolls</p> <p>You are on your way to visit your Grandma, who lives at the end of the valley. It's her birthday, and you want to give her the cakes you've made.</p> <p>Between your house and her house, you have to cross 7 bridges, and as it goes in the land of make believe, there is a troll under every bridge! Each troll, quite rightly, insists that you pay a troll toll. Before you can cross their bridge, you have to give them half of the cakes you are carrying, but as they are kind trolls, they each give you back a single cake.</p> <p>How many cakes do you have to leave home with to make sure that you arrive at Grandma's with exactly 2 cakes?</p>	<p>BBC Bitesize Friday Challenges</p> <p>Stickers come in packs of 5. Max buys 12 packs.</p>  <p>He gives his three friends some stickers. They each receive the same number. He has 27 stickers left. How many stickers did Max give each of his friends?</p> <p>Use the link below to find additional maths challenges for this week (Week 4 – Challenges, Friday 15th May)</p> <p>https://www.bbc.co.uk/bitesize/tags/zncscw/year-6-and-p7-lessons/1</p>	<p>Be a Pro at Prodigy!</p> <p>Continue to use your Prodigy account regularly to practise a wide range of numeracy and maths skills. Are you still reaching your target of 100 questions each week?</p> <p>https://www.prodigygame.com/</p>  <p>At the beginning of each week we will post our class top 5 to our Facebook page.</p>
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Deck of Cards

All you need for this activity is a deck of cards, if you don't have one, here is your [random deck of cards!](#) (Click shuffle after each card)

1. The object of the game is to do as many repetitions as you can of each exercise.

2. When you draw a card, you'll do an exercise (see below an example of the exercises you could do). Complete the number of repetitions shown on your card. For example, if you draw the 4 of hearts, perform 4 jumping jacks.

3. Face cards (e.g. a king) are worth 10 repetitions (you do it 10 times). Aces are worth 11 repetitions.

o Hearts = Jumping Jacks

o Clubs = Push-Ups

o Diamonds = Invisible Jump Rope Jumps

o Spades = sit ups/ crunchies

Make sure you pace your activity safely. Don't give up form/ technique for the sake of speed. Be sure you have enough activity space for safe movement.

Can you get through a whole deck of cards? Which exercises were the hardest for you and why?

At Home Orienteering

Use the following website to access four easy to follow videos which explain how to create and use an orienteering map in your house or garden. You may even decide to draw a map of an area you walk round on your daily walk and create an orienteering course there. Use large pebbles or stones as markers and let other people know about the course. Can they follow the controls and complete the course?

The website has videos and worksheets which explain everything you need to know. You can have fun creating the course and watching other people having a go.

<https://www.scottish-orienteering.org/lets-get-started-orienteering/>

Lego Challenge

We're still being asked to [Stay at Home, Protect the NHS, Save Lives](#)



Can you make a model of your bedroom?



Keeping in Touch

Please keep in touch with your family and friends, keeping connected is important to help us stay well and look after our emotional well-being.

Can you text, e mail, call or write a letter to someone this week?



Encouraging Nature

We're all staying safe at home. Because there are fewer cars on the roads, nature is starting to creep into places we wouldn't usually see it. Have a look around as you go on your walk or out your window and make a list of any birds and animals that you see.

Perhaps if you are heading on a walk with an adult, take along some gloves and a bag and do a little litter pick on your way. Remember not to touch anything that might be sharp.

Renewable Energy - Solar Cooker

<https://www.youtube.com/watch?v=YI7BqRhLpWE>

Why not have a go at creating your own Solar Oven - Watch the video (link above) or see the attached link for instructions. You can make the American treat, Smores, or you could try to melt cheese on nachos!

Do not try to cook raw food in your cooker, it is only for melting!

Wind Power Challenge

Using some items from around the home, can you design a simple wind turbine capable of lifting a cup off the floor to bench height? If you don't have some of the materials, how could you adapt it?

<https://www.teachingideas.co.uk/sites/default/files/windpowerchallengeforteachersinstructions.pdf>

Efficient Food Production - Food Miles

Today our food is travelling increasing distances 'from the plough to the plate.' We refer to these distances as "food miles."

There is an increasing environmental cost associated with food miles. Flying products by air uses nearly 40 times the amount of fuel as sea transport.

Can you use the food miles calculator to find out how many miles your food has travelled?

You can either think about the ingredients in a meal you are eating or pick a selection of items from your cupboard.

<http://www.foodmiles.com/>

Can you find items which are produced in Scotland or the UK? Can you create a snack or meal from these items?

Manage Our Oceans

Sadly, our oceans are polluted by plastics. Most people want to recycle but often find the process confusing. Watch this video to see how PET plastics are recycled and what products can be made from recyclable materials. Can you inspect plastics in your home and identify which are PET plastics – they will display this symbol.



How recycling works:

<https://www.youtube.com/watch?v=zO3jFKiqmHo>

Can you make a list of plastic items that are commonly used in the UK and suggest some alternatives e.g. Plastic straw – drink from cup, use paper straw.

Earth Day Art

Using the Art for Kids Hub Youtube Channel, pick one of the Earth Day videos to draw along with.

https://www.youtube.com/playlist?list=PLnoO3k54vcBTcZaL9_LHEUp7d96zCeVLQ

They have a wide variety of videos that are easy to follow and give great results! Can you draw along accurately, using detail and precision?

Whole School Upcycle Challenge

Can you create a piece of art or a practical object that was once something else? You could make jewellery, a musical instrument, gardening tools, Rubbish Creatures, a desk tidy...let your imagination and creativity run wild! Use milk jugs, cardboard boxes, old clothes, egg cartons, carrier bags or anything else you know is no longer needed.

The following video demonstrates some ways that used plastic milk bottles can be 'upcycled':

https://www.youtube.com/watch?v=JLPMV3-lj_o

Please post us a before and after picture on our Facebook page so we can see your wonderful recycled creations.

ADDITIONAL RESOURCES

What can we do to help the environment?

<https://climatekids.nasa.gov/smores/> - Solar Cooker instructions

<https://www.youtube.com/watch?v=6xINyWPPb8> – The Life Story of a Plastic Bottle

<https://www.bbc.co.uk/bitesize/topics/zdwmsbk/resources/1> - Renewable Energy Sources

https://www.youtube.com/watch?time_continue=147&v=dAwrTIEhV-0&feature=emb_logo - Not all plastics are the same

You tube videos on seed dispersal:

<https://www.youtube.com/watch?v=2rX--Y5gCnE>

<https://www.youtube.com/watch?v=24kAPSpdXaI>

<https://www.youtube.com/watch?v=8ZLv3xAjH3Q>

<https://www.youtube.com/watch?v=N3tbZguBzG8> – Making Seed Bombs

<https://gardentherapy.ca/bee-bath/> - Make a Bee Bath

<https://www.ecosia.org/> Use the ECOSIA search engine for all your internet use and see how many trees get planted as a result. Search engines make a profit and this one uses that profit to plant trees.