



Good morning everyone! It's Friday and the last day of remote learning! I can't wait to see you all back in the classroom on Monday ☺ I know you may have mixed feelings about returning to school, but please be reassured that everyone is feeling the same and we'll take each day as it comes, spending time getting back into our routines.

Please join me at 9:30am for our final Zoom catch up today where I will answer any questions you have about today's activities or our return to school, and we will go over the answers to the World Book Day Quiz ☺

Screen Free Day



Work on a **vocal impression** of a celebrity of your choice. Can you mimic their pitch, tone and anything quirky about their voice?



Can you invent something new? Perhaps you could design a new gadget or something to help people? Draw a picture and write a description.

Make a musical instrument out of recycled materials.

The creatively composed A-Z.

Have a good look around you and find and photograph objects that you have around the house, shed/ garden or local environment that could make a letter shape. Look for letter shapes and patterns and use the view finder to frame and photograph the A-Z.

Go for a walk or even into your garden, if you have one. Collect sticks, leaves and stones from your walk. Create an Andy Goldsworthy style sculpture!



Tips for success:



- Look carefully at colours and textures - try to create patterns where these alternate or match up.
- Look at the shapes of branches and twigs, can they combine together to make circles?
- Try out placing objects in size or shade order.
- Have fun and take pictures of your work!

Go on a bike ride with your family.

Create your own board game, then play the game.



Write a poem called 'Life after Lockdown'. Think about all the things you are most looking forward to doing and the people you want to see.

Obstacle Course

Using objects from around the house or in the garden, set up an obstacle course. Challenge your family to see who can complete it in the shortest time.



Cooking

Follow a recipe to make something tasty. Remember, you may need adult supervision. Cooking is a fun way to practise following instructions, weighing and measuring.

Bridgetti challenge

Build a bridge from spaghetti. The bridge must span a gap of 35cm. The bridge must hold a least a small (200g) tin of beans (but it could be 400g tin of soup or a 500g bag of flour or something else of your choice weighing more!) Photograph your bridge and/or make a video testing the bridge (start with the smallest weight first and test until destruction - if you dare!).

Scale Model/Drawing Project

Engineers use scale drawings and models in their designs of structures, products and systems. Try to create a scale drawing or model of an area in your home. You must measure the original space and pick a scale, perhaps 1 metre in real life could represent 2cm for your model/drawing. Have a go at one of the following and be as creative as you can!

- ~ Create a scale model or drawing of a room in your house or of your garden.
- ~ Create a scale model or drawing of the floor plan of your house.



HOME Challenge sheet




Year 5 and 6

1 **How many handles?**
Count all of the door handles in your house.


What fraction of the handles have locks?

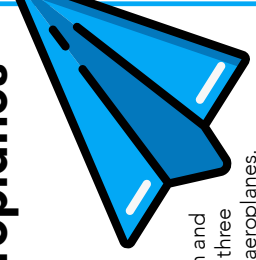
3 **Stop the clock star jumps**
Use a stopwatch to time yourself doing 15 star jumps. Have five attempts and record the times. What was the fastest time?

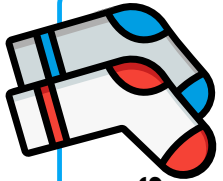
What was the difference between the fastest and slowest time?


5 **Always read the label!** 
Take a box/packet of food. Add up every number on the packet.

Check your answer with a calculator!

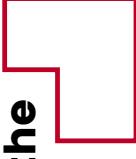
7 **Count and multiply** 
Count each of the following in your house: chairs, doors, cupboards, windows, pillows, spoons, clocks and shoes. Now multiply the following pairs together.
Before you begin counting - which calculation do you think will have the largest total?
Chairs x Doors
Cupboards x Windows
Pillows x Spoons
Clocks x Shoes


9 **Paper aeroplanes** 
Design and create three paper aeroplanes. Record the distance each plane flies and see which one flies the furthest.
Plane 1
Plane 2
Plane 3
What was the difference in cm between the three distances?

2 **Odd socks** 
Take three different pairs of socks (6 socks in total). How many new pairs of socks can you make from the 6 socks you have?

4 **How long?** 
Estimate the length of a room in your house.

Now measure it. How close were you?

6 **Find the area** 
Measure the area of the smallest and largest rooms in your house.
Smallest
Largest
What is the difference between your answers?

8 **Prime number hunt** 
How many prime numbers are written around your house?






What is the largest prime number you can find?

10 **Maths on the Move number trail**
Download and cut out the question cards and follow the answers around the house. [Download.](#)



50 Activities

Screen Break Day

Maker Hour 	Build the tallest tower	Build a den in your house or garden	Make a boat to float in your bath	Create a large piece of art	Make a sock puppet	Make your own healthy lunch	Paint a pebble	Draw a picture on a cereal box and cut it to make a jigsaw	Create a board game to play with your family	Bake and decorate a cake
Genius Hour 	Play Kim's Game (memory game with a tray of objects)	Learn to read/spell 5 new words	Learn some words in another language	Learn some sign language	Learn a magic trick	Write a rap song	Draw your family and any pets you have	Learn to juggle	Learn to tie a tie	Practice a musical instrument
Indi Reading Hour 	Find a picture in a book you never noticed before	Read a recipe or instructions to complete an activity	Read a poem	How many book titles can you read in 1 minute? Can you improve?	Turn your favourite story into a comic book	Read a description from a book and create your own illustration	Read to someone else in your family for THEIR enjoyment	Time how many words you can read in 1 minute. Can you improve?	Read someone else's favourite book	Begin to read your favourite book again
Fitness Hour 	Have a disco with your family and dance to your favourite tunes	Go on a safe walk with a family member	Make an obstacle course inside and out	Make up a fitness workout – Joe Wicks style	Touch every wall in your home	Take 200 steps around the house	Walk up and down the stairs 10 times	Do 50 star jumps	Throw and catch a ball as many times as you can without dropping	Sit down on the floor and stand up straight again 20 times
Service Hour 	Draw a picture for someone	Make a phone call to a relative	Write a card or letter to someone to say "hello"	Tidy your room	Match Tupperware lids to bottoms	Fold your clothes	Write a card or letter to someone to say "thank you"	Teach someone else how to do something	Hoover a room in your house (ask a parent first)	Do the washing up



Non-screen activities you can do at home



Our earth is very special. These activities will help you reflect on how we can make it a better place.



1 Imagine you're a reporter.
Can you write a news report from today? What is the major event you will write about?

2 Interview someone in your family about the world today, what will you ask? Write down their answers.



3 Plant a seed!
Plants can save the earth! Can you plant a tree that will last for years?

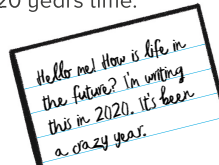


4 Clean up your patch of earth.
Go out for a walk in your area, collect litter that has been dropped and put in the bin. Don't forget a pair of gloves and a rubbish bag.

5 Quiz time!
Can you think of ten questions about the earth today? Try them out on someone! How many can they answer correctly?

6 What does the earth look and feel like today?
Can you write a short description? Include what you like and don't like.

7 Hello me!
Write a letter to yourself to open in 20 years time.



8 Investigate!
How are we harming the earth at the moment? How can we change that? Write down what you discover.

9 Write a poem, song or rap to remind people to look after the earth. Perhaps the title could be 'pollution solution'.



10 What would it be like to time travel?
Write a story about it! Which year will you travel to? What does the earth look like then?

11 Wild art!
Collect things from the garden and make a piece of art. A picture or sculpture from twigs or leaves, or something else.

12 Upcycle!
Use items from your recycling to make something cool. A model, a piece of art or something else.



13 Write a diary entry of a memorable day from this year. Make sure you include how it made you feel.



14 Should we celebrate Earth Day every year?
Or should every day be Earth Day? Debate and discuss with someone you know.

15 Ask a friend or family member to write a letter to you. Keep it safe and re-read it in years to come.



16 Draw, paint or make a model of what you think the earth will look like in 20 years time.



17 Take charge!
Can you be in charge of recycling in your house?

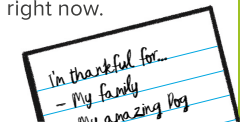


18 Favourite things.
What are they at the moment? Write a list. How much do you think they will change over time?

19 Draw a self-portrait.
What do you look like now?



20 Be thankful.
Write a list or draw a picture of all the things you're thankful for on Earth right now.



21 Start a scrapbook.
Collect things from this year to include in it. Photos, newspaper clippings, tickets. What else could you include?



22 Going for goals. Write a list of your goals for the future. What do you hope to achieve?



23 Eco-warrior!
Create a list of the rooms in your house and monitor how often the lights are used. Can you save electricity in any of them?

24 Design and make a poster of all the ways we can look after the earth.



25 Make a time capsule.
You could include all of the things you produce from these activities. What else? Hide it away and don't open it for years to come.