



## Forest School Home Learning Pack: Earth Day Themed

With at least another 3 weeks of the schools closures, I hope you staying healthy and remain optimistic during these difficult times. We cannot believe how popular the packs have been and they have even been used internationally. This time the pack is themed for Earth Day which is on Wednesday 22<sup>nd</sup> April. Inside the pack are ideas for you and your child(ren) during the lockdown period. We have generalised activities so that we offer all children the same regardless of age, you may find some activities are more suited to your child(ren) then others but all are worth a try!

Earth Day Home Learning Pack includes:

5 Classic Forest School Activities

3 Maths related activities

3 Geography related activities

3 Health and Wellbeing activities

We will be frequently posting new ideas and information on our Facebook and website if you need more inspiration for activities. If you enjoy doing these activities please share your feedback and experiences with us - we'd love to hear from you.

Please stay safe during these activities and adult supervision is advised at all times.

We look forward to catching up with the children upon return to the school.

Sending Our Best Wishes from,  
Ellen Blackwood and Primary Forest School Staff

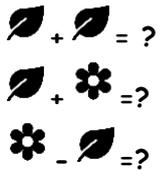
**EXPLORE LEARN GROW**

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	<b>Activities</b>	<b>Resources Required</b>	<b>Potential Risks</b>	<b>Impact</b>
<b>1 Make a mud pie</b> 	Using mud make a mud pie or cake. Don't forget a nice decoration on top! What could you use? Are you going to sell your pies and how much for? Can you explain the ingredients or method used?	Mud and water if needed. You can use an old cake tray or recycled items e.g. pots.	Hidden hazards in the mud - children can get very dirty doing this activity!	Children to experiment with textures and create mud pies/cakes.
<b>2 Leaf/ Bark Rubbings</b> 	Using crayons ideally collect some leaves, put them under the paper on a flat smooth surface and rub over the leaf to see what pattern appears. Do the same for bark except hold the paper against the bark. Can you notice differences in shapes and patterns? Can you use different colours?	Paper, crayons ideally or pencils, flat surface, leaves and bark.	Contact with harmful plants.	Children to experience patterns and textures of nature in an arty activity,
<b>3 Twig/ Stone Tower</b> 	Collect your items or do this on one of your daily walks and leave for other people to admire. Start with biggest items at the bottom - for sticks make squares triangles when stacking.	Twigs or sticks	Moving twigs and stones, falling twigs or stones	Children to use construction skills to build a tower.
<b>4 Natural Paintbrush</b> 	Use sticks as handles and secure with masking tape or string. Collect different resources such as leaves, grass or anything else you find as the brush!	Sticks, string or tape, resources such as pine needles, leaves or grass, paint!	Contact with harmful plants, children getting messy with paints!	Children to use natural resources to make an art utensil.
<b>5 Blindfold Challenge</b> 	Collect natural items (or small indoor objects), but them in a box or basket, put a blindfold on and try and guess which item you have pulled out. Turn it into a game for the whole family!	A variety of items, box or basket, a blindfold or scarf, jelly, mud, and baked beans are great fun!	Contact with harmful object during collection, children beating parents at game.	Children to use senses to identify objects.

Maths	Activities	Resources Required	Potential Risks	Impact
1 	<b>Nature Sums</b> Give items a quantity, e.g. leaf = 1, stone = 5, flower = 10 etc. how many sums can your child make to equal 10, 20 or 50 using +, -, x and ÷	Nature resources and chalk or paint brush and water	Collection of harmful plants, use of chalk	Children to use nature in +, -, x and ÷ sums,
2 	<b>Renewable Energy</b> Research the different types of renewable energy. Are there any renewable sources near you?	Use Renewable Energy Challenge worksheet if needed	Worksheet may be too challenging for younger children.	Children to understand sources of renewable energy while learning about area.
3 	<b>Transport Tally</b> On your daily walk or from a window in the house can you record all the different types of transport you see using tallies?	Resources sheet included - clipboard may be useful to take with you on walk	Stay safe on your walk, ensure children are supervised near roads.	Children to understand how to use tally system and create a bar chart.

Geography	Activities	Resources Required	Potential Risks	Impact
1 	<b>Weather Diary or Report</b> KS1 - can you record the weather for each day? KS2 - Can you look up the predicted weather then record the actual weather? Was the prediction accurate? Why not try and give a weather report too either in writing or verbally.	How to record the weather activity sheet included if needed.	Children get wet in rain.	Children to understand the different types of weather. KS2 children to learn how to look up weather.
2 	<b>Birds Eye View</b> Imagine you are a bird flying high - could you draw or make your house and where you live? (You could use google maps to see how accurate your picture is or for a little help)	Paper, Pencil, Ruler, Colouring pencils or cardboard, scissors and pens/ paint,	Use of scissors	Children to use design skills from a different perspective.
3 	<b>Re-design Earth</b> What changes to earth would you make? Can you make it more eco-friendly? Can you improve outdoor spaces? What other changes would you make? Make an earth and write your changes on it too!	Paper and pencil or paper mache earth resources included.	Use of glue	Children to understand how to make the Earth a better place

Health and Wellbeing	Activities	Resources Required	Potential Risks	Impact
<b>1</b> 	<b>Tree Hugging</b> It's as simple as that! Find a tree and hug it - can you feel it moving in the wind? If you put your ear to the bark can you hear anything?	Tree and you	Do not do this activity in high winds.	Children to experience relaxation and grounding during activity
<b>2</b>  You can also add details like a face and smile too!	<b>Shadow Catching</b> Strike a pose and get your partner to draw your shadow shape - can you describe who you are and write it inside your shadow? Do it with the family and write about one another on the outside of the shadow shape.	Sun, Body, Chalk or object to use as markers	Effects of being out in the sun, use of chalk	Children to improve self-esteem.
<b>3</b> 	<b>Barefoot Walking</b> Make a sensory path or do it on your daily walk! Try walking over lots of different types of ground - stones, mud, water, grass, concrete - how do they feel?	Natural SAFE grounds, bare feet	Unsafe grounds, children may harm feet or get dirty feet	Children to have a sensory experience using their feet.



## Renewable Energy Challenge



Can you use the renewable energy sources to cover all the area?

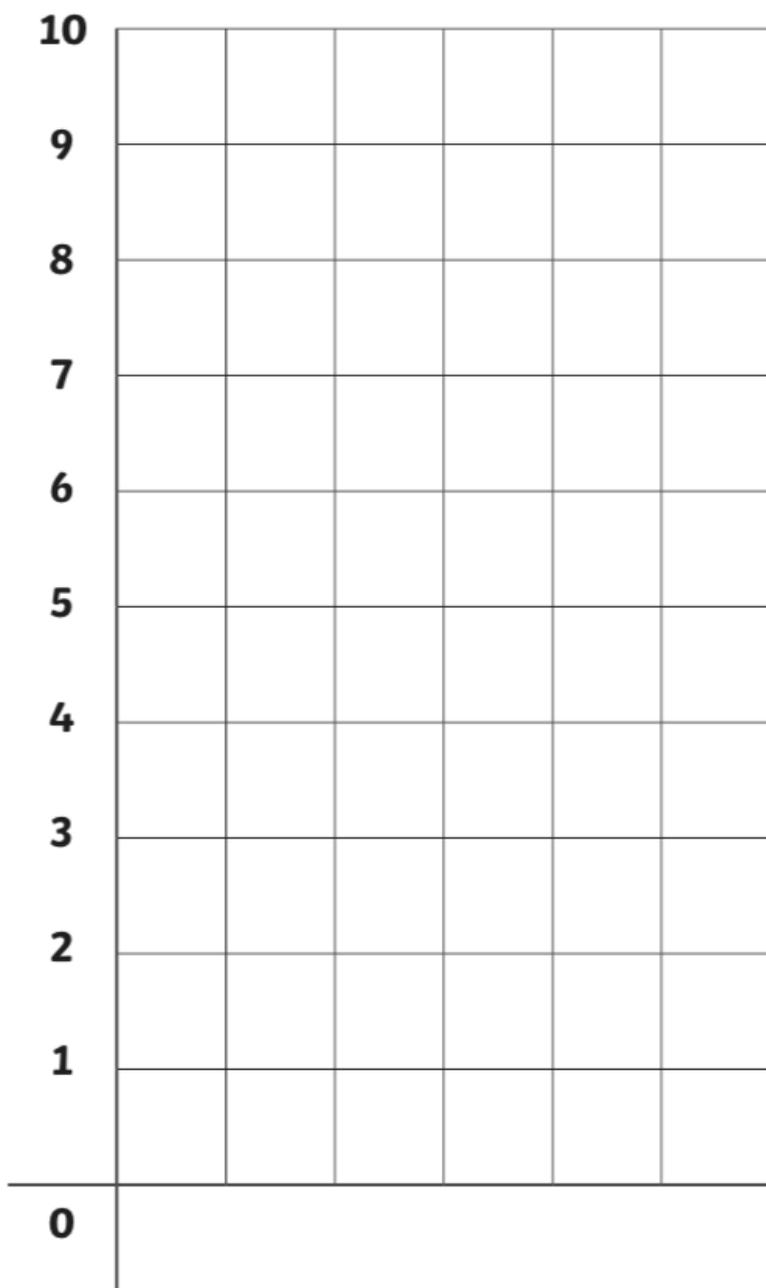
You have an area of 100 miles<sup>2</sup> that needs powering by renewable energy. All the areas need power. You only have a select number of renewable energy sources and they cover different amounts of area.

- 10 Solar Panel = 10 miles<sup>2</sup>
- 3 wind Turbines = 40 miles<sup>2</sup>
- 8 Tidal = 20 miles<sup>2</sup>
- 2 Biomass = 30 miles<sup>2</sup>
- 1 Hydro = 50 miles<sup>2</sup>

Each square = 10 miles<sup>2</sup>


# Transport Tally KS1

tally					
total					



## Questions

1. Which one is the least?

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2. Which one is greatest?

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3. Are any of them equal?

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4. What is the difference between the greatest and least?

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## Transport Tally KS2

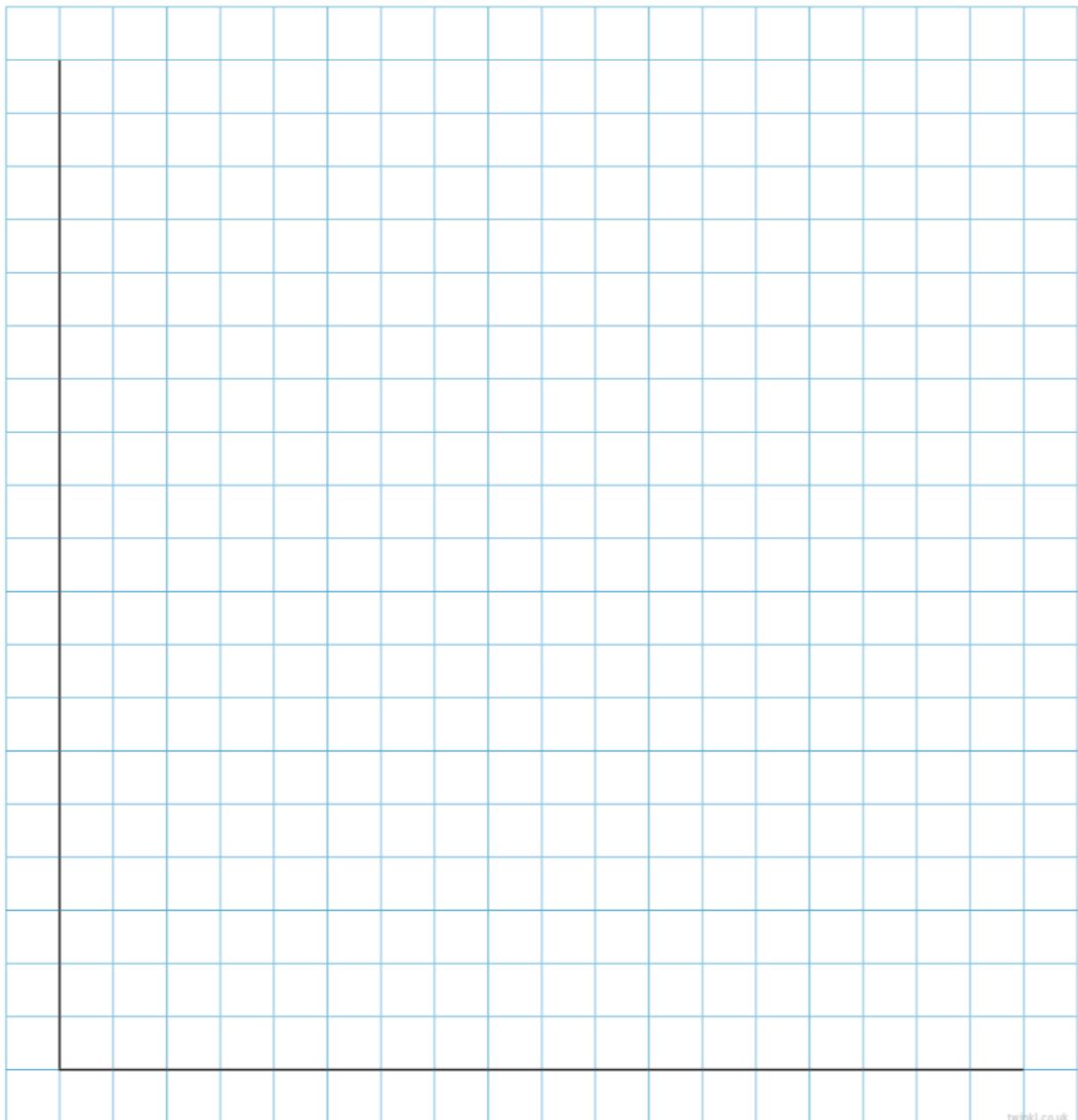
Can you create your own system for recording the different transport you see?

Can you use your data and create a bar chart using the grids?

Can you describe your findings?

A bar graph to show \_\_\_\_\_

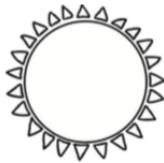
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# My Weather Record Activity Sheet

Task: Keep a record of the weather during your week. Draw the weather symbol into the box for each day.



	Morning (before lunchtime)	Afternoon (after lunchtime)	Evening (hometime)
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			

Count: How many days were...

- rainy? \_\_\_\_\_
- sunny? \_\_\_\_\_
- cloudy? \_\_\_\_\_
- windy? \_\_\_\_\_
- snowy? \_\_\_\_\_
- icy? \_\_\_\_\_
- stormy? \_\_\_\_\_

## Paper Mache Earth

<p><b>Resources Needed:</b>          1 round balloon          Newspaper          PVA glue          Little bit of water          Mixing bowl x2</p>	
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<b>Step 1</b>	Blow up your balloon and balance on a mixing bowl.	
<b>Step 2</b>	Prepare your paper mache mixture by mixing your PVA Glue with a little bit of water. If you don't have glue you can use equal parts of flour and water!	
<b>Step 3</b>	Cut up newspaper into strips and dip into the paper mache until fully soaked.	
<b>Step 4</b>	Completely cover the balloon with paper mache newspaper making sure you overlap strips.	
<b>Step 5</b>	Leave your paper mache earth to dry (for approx. 24 hours) in a warm place.	
<b>Step 6</b>	Paint your Earth - either paint it all blue and print the land (resources included) or paint both land and sea!	
<b>Step 7</b>	Write your changes on the planet to make it a better place!	



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