

## Whole School Home Learning Project: Tuesday 2<sup>nd</sup> June -Tuesday 9<sup>th</sup> June



**Alexandra**

Primary School

Aspire, Perform, Succeed

### World Environment Day Friday 5<sup>th</sup> June – ‘Time for Nature’

Dear Parents/ Carers,

- We have taken a whole school approach from Reception to Year 6 (Nursery children can join in too, of course!) for the foundation subjects this week. Your year group activities for Nursery will be as normal. Please see the grid in the learning area on our school website.
- For this week only, (from Reception to Year 6), year group grids will contain English and Maths specific to the year group. Again, these can be found in the Learning area on our website.
- As we move forward with home learning, we will be adding the usual year group home learning grids every Tuesday afternoon by 3.30pm. With a phased re-opening of school, it will allow staff to plan activities on a Friday and collaborate their ideas together ready for the following week.
- This week, we have a variety of activities based on the environment. There will be some more appropriate for your children depending on their age group.
- Please note that not all are expected to be completed, they are set for you to choose the activities that interest your children and are accessible for them.
- Families of children from different year groups may wish to collaborate and work together on some activities too.
- Home learning grids will return to normal from Tuesday 9<sup>th</sup> June.



On Friday this week, 5<sup>th</sup> June, it is *World Environment Day*. The theme for 2020 is, ‘Time for Nature.’ The document below is full of activities that link to nature and will help us to learn something new about nature. By taking time to complete some of these activities you really are making ‘Time for nature!’

Have fun with the activities and for this week, you may like to work with your brothers and sisters if you have them so we can appreciate our value of collaboration. If you are an only child, then pick the activities you would like to do and ask you family to collaborate with you, where possible.

Nature is incredible! From ducks to daisies, coral reef to clouds, we'll explore a little about the importance of biodiversity (*bio*, meaning life and *diversity*, meaning variety). Biodiversity consists of all life forms, their ecosystem, characteristics and how they interact.

There are a range of video clips and quests for you to have a go at below. They are divided into three categories. You could work through one section or try them all! We have tried to ensure that there is something for everyone, all ages and interests. The activities will hopefully help us understand and think about our environment a little more.

Have fun and please email us any photos of what you discover or create!

[apsallstars@alexandra.hounslow.sch.uk](mailto:apsallstars@alexandra.hounslow.sch.uk)

## Oceans and Water

**EYFS:** Read Commotion in the Ocean to familiarise with Oceans and Water.

<https://www.youtube.com/watch?v=9pRhgZ8Jffs>

**Y1 –Y6:** Just how BIG is the ocean? What would earth be like without them?

Watch this video to find out a bit more: [https://ed.ted.com/on/PmHcYd5N?theme\\_id=earth-school](https://ed.ted.com/on/PmHcYd5N?theme_id=earth-school)

Have a think about...

How many amazing things exist beneath the water of the ocean?

What streams, rivers and waterways are near our homes which ultimately lead to the ocean?

Are those streams and rivers clean and healthy looking?

### **Activity 1 – The Deep Sea**

<https://neal.fun/deep-sea/>

Take a dip into the deep sea and discover the different zones and the range of creatures that live at different depths. Can you draw a diagram labelling the different zones? Could you draw your favourite creature in each zone? You might like to make a model of your favourite creature and find out some facts about it too.

**Early Years:** Listen to ‘A Hole in the Bottom of the Sea’ song at

<https://www.youtube.com/watch?v=R1Qn2bcZRT0>

Can you listen carefully to the song and pretend to be the different sea creatures?

Using the sea creature outlines below can you make your own sea creatures to play with? Can you remember the Makaton signs to accompany the creatures?

### **Activity 2 – Create a jelly fish**

**(Recommended for Early years and Y1)** move like a Jellyfish with ‘The Jellyfish song’

<https://www.youtube.com/watch?v=494e4txpwSg>

**(For all)** Now watch jellyfish move on this webcam at Monterey Bay Aquarium.

<https://www.montereybayaquarium.org/animals/live-cams/jelly-cam>

Can you create a jellyfish using items you have around the house? (Cereal boxes and other junk modelling resources)

Or, alternatively, make a rainbow-colored jellyfish to put in your window?

Did you know? The 2m (6 foot) long box jellyfish in Australia is one of the deadliest creatures on the planet! Its long tentacles are covered in tiny stingers.

Here are some ideas for ‘Under the sea’ art:



### **Activity 3 – Shell Experiment (This activity is aimed specifically at Upper KS2)**

Did you know that scientists are measuring how our ocean is changing? They have measured the changes to the water and have noticed it becoming more acidic. What problems does a more acidic sea cause? Have a go at this experiment and see what you can discover – you will need an adult to help you with this one.

Find a short video and instructions here:

<https://education.ocean.org/oceanlitlib/assignments/1114405>

## Air and Weather

Have a think about...

We've enjoyed some very lovely weather lately. How is weather and climate are important for your life?

**Early Years and KS1** - How's the weather?

<https://www.youtube.com/watch?v=rD6FRDd9Hew>

Would you prefer to live in a different climate and if so, what kind and why? Ask your family members what they prefer!

**KS2**- What is the difference between weather and climate?

<https://www.britannica.com/video/204523/more-weather-climate>

### **Activity 1 – Reflect a rainbow.**

**EYFS / KS1: Rainbow colours song**

<https://www.youtube.com/watch?v=tRNy2i75tCc>

Can you create a rainbow of your very own? You will need an adult to help with this one.

**What you need:** Glass of water, sheet of white paper, sunlight or maybe a torch.

**What to do:** Fill the glass all the way to the top with water. Put the glass of water on a table so that it is right on the edge (make sure that the glass doesn't fall!) Then, make sure that the sun can shine through the glass of water (alternatively you could try a torch). Next, place the white sheet of paper on the floor. Adjust the piece of paper and the glass of water until a rainbow forms on the paper.

How does this happen? Light is made up of many colours: red, orange, yellow, green, blue, indigo and violet. When light passes through the water, it is broken up into all of the colours seen in a rainbow.

### **Activity 2 – Cloud spotting**

**Cloud song (use your imagination)**

[https://www.youtube.com/watch?v=Kllz\\_AcDnRc](https://www.youtube.com/watch?v=Kllz_AcDnRc)

Have you ever tried a bit of cloud spotting? When you look up at clouds, see what different shapes you can see. Let your imagination run away, do you see animals or mythical creatures in the clouds?

Looking at clouds – Listen to the story Little cloud by Eric Carle

<https://www.youtube.com/watch?v=WhUI7V-JbSI>

Can you write a short story, a rhyme or a song about the creatures in the clouds?

You could learn more about the different types of clouds, their names and how you can check the cloud coverage today.

Did you know there are different types of clouds?

<https://www.youtube.com/watch?v=yod3wMbFHUY>

<https://www.3dgeography.co.uk/cloud-types-for-kids>

### **Activity 3 – Layers of the atmosphere (Recommended for Year 1 to Year 6)**

Watch this video to learn a bit more about the atmosphere. There's lots of information here, but see if you can write down the names for different layers of the atmosphere. Next, using your information, can you create your own model (using different coloured Lego, Playdough, clay, or a drawing) and label each layer in your creation?

<https://www.youtube.com/watch?v=G4Zla3qkFkl>

## Animals and plants

**What is an Ecosystem?** An ecosystem is made up of living things (plants, fungi, animals, and teeny-tiny creatures like bacteria) and non-living things (like rocks, air, and water), and of the interactions among them.

Listen to this song to find out what this really means...

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

Ecosystem – The Dr. Binocs Show

<https://www.youtube.com/watch?v=sKJoXdrOT70>

Ecosystems song

<https://www.youtube.com/watch?v=K3G3CdIZMf0>

Have a think...

**(Recommended for KS2):** Just how much do humans need biodiversity? What do we need it for?

**(Recommended for KS2):** Watch this video to discover more about biodiversity:

<https://youtu.be/US58f-Sw00k>

This interactive world map provides loads of information about what is being done to rebalance Earth's habitats. Take a journey around the world and open your eyes to what is being done.

<https://www.ourplanet.com/en/explorables-globe/landing/>

### **Activity 1 – Terrific Trees**

Have you ever thought about trees as being wise? Watch this astonishing video and find out just how incredibly wise they are!

**For Reception children, please follow this link:**

**We Love Trees -**

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

Song about Seasons and trees:

<https://www.youtube.com/watch?v=RJx2xQKIgXU> – song about seasons and trees

**Y1-Y6:** Exploring the importance of trees – terrific trees-

[https://ed.ted.com/on/5n3w4gil?theme\\_id=earth-school](https://ed.ted.com/on/5n3w4gil?theme_id=earth-school)

**Choose** 3-5 tree species growing around your garden or neighbourhood and get to know more about them. Research them online. Can you draw some sketches of the different trees?

Do you recognise those trees? Are they native to the UK or have they been brought here?

### **Activity 2 – Create a Creature (Year 1 to Year 6 only. Reception children will be exploring this over the next few weeks!)**

We know that around 1.7 million species of plants and animals have been identified and every year. Many more have yet to be discovered. Imagine that you're an explorer and you just discovered a new species. Perhaps it has fantastic characteristics to survive during hard times, attract mates, defend itself against dangers, and adapt to multiple environments. Nature provides all the necessary inspiration for your new creature! Use the link below to find a field note sheet to fill out giving information about what you have discovered!

<http://www.happyhealthymessy.com/wp-content/uploads/2016/08/Untitled-presentation.pdf>

### **Activity 3 – Nature Photo Collage**

You've probably noticed many more living things around your home during the lockdown. Can you take photographs and create a photo collage to show the things you've discovered? Try to spot the biodiversity that lives on the ground or up in the air by walking around where you live? What do you see in the trees, bushes, grasses, or even in the soil? Do you see insects, birds, plants? What species are they? What can you see if you use binoculars? There are extra tips and activities here if you want to do more:

<https://www.wwf.org.uk/learn/love-nature/garden-safari>

**Nature collage** – take photos and create a collage or something similar. Here are a few examples of what you could do:



Sea Creatures

Sea Creatures

