We hope you are all keeping safe and well. The following activities are based around the theme of **Earth, Wind, Fire and Water**. As there is a lot in this topic the next week will be a continuation. These may be of help to you, particularly if you are trying to manage several children's needs or have limited access to the Internet.

Page 1: activities – no IT needed
Page 2: web links - if you have internet access and some extension

The most important thing is that you are calm for your children and should only do whatever you can manage. Remember that children also learn a lot through play such as Lego and playing games and even through chores such as helping to prepare a meal. Great learning can happen when it's not always adult directed.

The following help with alleviating stress:
- Connect with others – arrange a time for your children to connect with friends (and you too!)
- Exercise
- Do things you all enjoy together
- Don't focus too much on the news
- Share and talk about feelings – all feelings are okay!
Maths

Don’t get flooded!

Some houses by water are built on stilts to protect them when the water rises. Can you work out why? The water rises by 10 cm every 10 minutes. How many minutes/hour, would it take to reach the top of the house stilts = 2.5 m?

1st floor = 2m 2nd floor = 2.5 m

Winds

Wild winds! Wind is measured using the Beaufort scale. The higher the number the more dangerous the wind. The speed of wind is measured in MPH (miles/hour). How many are we going to reach?

A: 60 MPH B: 24 MPH
C: 78 MPH D: 14 MPH

What do you think will happen to the window. Can you work out what happened from the Beaufort Scale? The speed of wind is more than 74 MPH. Which of these storms was a hurricane?

Use your jug to make a smoothie or milkshake. How many cups of milk or yoghurt do you think you need?

Put them in order of strongest to weakest. It is Hurricane, it is 12 on the Beaufort Scale so the wind is more than 74 MPH. Which of these storms was a hurricane?

Can you work out the average speed?

How much water?

Collect together any measuring equipment you have in the kitchen e.g. jugs, scales, thermometers. What scales do they use – do they go up in 10s, 100s, 1000s?

Find 4 different containers. Fill the jug and estimate how much there is. Pour into the jug, were you right?

Imagine you have experienced one of the natural disasters that have happened around the world: The Australian Bush fires or The Mississippi Tornadoes. Can you write a diary about a few days witnessing what you felt and what you saw?

How do you think people feel who live in countries that are at risk of flooding?

You could also keep a diary of your adventures. Can you choose 1 place and write a postcard to your friend from back in the UK – What did you see? What were the weather like?

How do you think people feel who live in countries that are at risk of flooding?

Pepys.

What powers or stories could you see sea spray, sea foam or waves?

Tell the story through pictures and speech bubbles. What would you draw?

Collect measuring equipment you have in the kitchen e.g. jugs, scales, thermometers. What scales do you think you need? How many are we going to reach?

Put them in order of strongest to weakest. It is Hurricane, it is 12 on the Beaufort Scale so the wind is more than 74 MPH. Which of these storms was a hurricane?

Can you work out the average speed?

Humans

Gods and Goddesses

Many ancient civilisations had gods and goddesses, including the Aztecs, Ancient Egyptians, Ancient Greeks and the Romans. They often explain how things came to be e.g. fire, water and wind. Can you describe a god or goddess for Wind, Fire, Water or Earth? What story could you tell? Draw them and make sure they reflect the element they are e.g. flames for fire, waves for the sea, etc.

What powers or personality will they have? And how can we be holding something to show their power.

Can you find out about these: Who were they? The Egyptian god of fire? The Roman god of fire? The Greek god of water? The Aztec God of Fire? What else can you find out about?

Literacy

Topic 3(b): Earth, Wind, Fire and Water

Home Learning – Hackney

Wellbeing, PSHE and Philosophy for Children:

We need water, earth, wind and fire to survive in this world.

Why are these 4 elements important? Why do we need them to survive? Could we live without one?

However sometimes extremes can be dangerous

How do you think people who live in countries that are at risk of floods, volcanic eruptions, earthquakes, hurricanes and tornados feel?

Why should we care about this happening to other people in the world?

What can we do to support and help other people experiencing these natural disasters?

Science

Make a fan!

On a hot day a little bit of wind can cool you down – but what do you use if you are far away from the wind? Can you make a wind fan to move the air?

Get a rectangle of paper e.g. wrapping paper, newspaper or plain paper you decorate. Fold the paper forward and backwards in 2cm folds. Make sure the bottom is held down tightly by a paper clip. This can be the frame of your car. Now add in a 90º angle of the waves and have a race!

Under the Great Wave of Kanagawa by Katsushika Hokusai This is a Japanese Print.

1) Take a white piece of paper and then draw 3 wavy/aggregated lines across the page.

2) In the white caps of the waves above draw a line on top of each line this stops halfway along your first line.

3) Put vertical stripes or patterns on each wave. Remember to leave the alternate stripes plain. Add a horizon line and Mount Fuji. Then colour the waves in.

Things to practice/do every day

Reading, phonic/spelling, times tables, number bonds

Tools to use

How do we know?

The Great Fire of London happened in 1666. How did they find out about the fires that happened in London? Write a diary entry as Samuel Pepys.

Imagine you have experienced one of the natural disasters that have happened around the world: The Australian Bush fires or The Mississippi Tornadoes. Can you write a diary about a few days witnessing what you felt and what you saw?

How do you think people feel who live in countries that are at risk of flooding?

Where on earth?

A day in the life of a drop of water...

Imagine you are a drop of water and make a comic strip about your day. What kind of water are you: a raindrop, thunderstorm, sea spray, from the tap or shower? How did you happen to be there? Where do you go? How do you feel? Are you fast moving or slow moving?

Are you happy or sad about being a water drop? Do you have friends?

What adventures do you go on?

Remember that comic strips tell the story through pictures and speech bubbles. What would you draw?

What is it like to be water?

Imagine you are a drop of water and make a comic strip about your day. How long will you spend in each place and what will you see there?

Make a list of what you will need to pack. Can you choose 1 place and write a postcard to your friend back in the UK – What did you see? What were the weather like?

How do you think people feel who live in countries that are at risk of flooding?

The Vikings were famous for their ships and see if it can float!

Put in 2 squashes of washing up liquid. Put in glitter food colouring. Put the top on very tightly! Hold it at the bottom of the tube and swirl the water around using your wrist in a circular motion – can you see your hand?

Try using smaller or bigger bottles and varying the amount of washing up liquid. Does the level change?

Water Cycle in a bag

Take a clean plastic sandwich bag. Carefully pour some water into it, so it is third full. Seal it and tape it to a window that gets the sun. Watch what happens inside the bag when the sun is shining on the window. Can you explain this?

It could be a boat too!

Make your longs into a puff boat!

Make a model of a volcano

Fill a container with washing-up liquid – your friends can move the air!

Get a rectangle of paper e.g. wrapping paper, newspaper or plain paper you decorate. Fold the paper forward and backwards in 2cm folds. Make sure the bottom is held down tightly by a paper clip. This can be the frame of your car. Make a fan!
Topic 3(b): Earth, Wind, Fire and Water

These are links to websites – please practise Internet safety with your
children whilst accessing these websites.

Useful websites for parents and carers:
1. In response to the coronavirus lockdown and backed by the Government, The Oak National Academy website is a new collection of high-quality lessons and online resources. For more information for parents and carers: https://www.thenationalacademy/information-for-parents-pupils/
2. The National Education Union has published a new website for providing advice, latest news and resources for parents and carers on the Coronavirus crisis: https://coronavirusandschools.org.uk/advice/
3. Young Hackney Online Hub is now live Monday - Friday, 3-5pm. There are Junior sessions for ages 6-12 and senior sessions ages 13-19. Support is also available over the phone for young people with SEND and young carers and their parents: https://www.younghackney.org/campaign/online-youth-hub/
4. The BBC have now launched daily online lessons via Bitesize, with videos and activities: https://www.bbc.co.uk/bitesize

Films and TV shows
Frozen, E, Planes: Fire & Rescue, TV shows: Shark Tale, Moana, Friday, 3 - Nemo and website is a new https://www.bbc.co.uk/bitesize

Books
EYFS N and R
Blown Away: Rod Biddulph
Mr Achimedes Bath: Pamela Allen
Hey Water: Antoinette Pairs

KS1 Y1-Y2
Lila and the secret of Rain: David Conway, Jude Del One upon a raindrop: James Carter

KS2 Y3-Y6
The Firework Makers Daughter: Philip Pullman, Frogworld: Tom Huddleston
Adventures in Earth: Simon Tyler
Earth Heroes: Lily Dyu

Literacy
Practise your number bonds and make a smoothie!
https://www.bbc.co.uk/bitesize/clips/pg278y
https://https://www.bbc.co.uk/bitesize/clips/dg9Y7y

Maths
Practise your number bonds and make a smoothie!
https://www.bbc.co.uk/bitesize/clips/pg278y
https://https://www.bbc.co.uk/bitesize/clips/dg9Y7y

Science
Freezing and melting https://www.bbc.co.uk/bitesize/clips/zpzfbq
Tornado in a bottle https://www.bbc.co.uk/cbbc/watch/how-to-make-a-tornado-in-a-bottle-experiment
Puff mobile https://www.pbslearningmedia.org/resource/phy03.science.mfe.zpffm/designing-a-puff-mobile/

Humanities

KS2: Genesis chapters 6-9, Exodus, Matthew 14:22-33, John 2:1-4

Creative Arts
Make a fan: https://thecraftyclassroom.com/crafts/japan-crafts-for-kids/japan-fan-craft/
http://kodakat.com/2013/04/japanese-paper-fans/
Art: The Great Wave https://www.metmuseum.org/art/collection/search/44394
https://www.doorstepstory.org/the-great-wave-art-lesson-plan video/
Making a volcano model: https://www.nhm.ac.uk/discover/how-to-make-a-volcano.html
https://www.wikihow.com/Make-a-Clay-Volcano

Spanish
https://www.bbc.co.uk/bitesize/topics/zcl17w/articles/zWskG62q
https://www.youtube.com/watch?v=pwevnVV0fik

Religious Education

Wellbeing and PSHE
The power of Kindness: https://www.redcross.org.uk/get-involved/teaching-resources/kindness-calender
https://https://youngminds.org.uk/

Religious Education

K51: Baptism with water
When Christians join the church they are baptised with water. What items are needed for a baby baptism? What promises are made and by who? Why do they use water?
K52: Miracles with water
Miracles are events that some people believe are caused/made by God. How many miracle stories with water can you find in the Bible? Can you explain which of the 99 of names of Allah these water miracles reflect? How do they show the belief in God as 'omnipotent'?

KS1: Bookmark:
Do you know the story of Noah and the ark?
1. How many animals were brought on the ark?
2. What did they eat?
3. What did they do when it rained?
4. What did they do when the flood was over?

KS2: Bookmark:
Write a story about a miracle that happened in the Bible.

Books

Australian Bushfires: https://www.bbc.co.uk/newsround/51084438
https://www.bbc.co.uk/newsround/24879162

How to write a comic strip: https://www.imaginewood.com/blog/how-to-create-a-comic-strip/

History:
https://https://www.bbc.co.uk/bitesize/topics/zqtf34j/articles/z9j4kqt
https://https://www.bbc.co.uk/history/hands-on-history/vikings.html
https://https://www.bbc.co.uk/bitesize/clips/zv2mhyc
https://https://www.bbc.co.uk/history/handsonhistory/vikings.shtml

KS2: Genevieve's comics 6-9, Exodous, Matthew 14:22-33, John 2:1-4

Places to visit and museums
National Emergency Museum https://www.visitneem.org.uk/homeactivities
London Fire Brigade: https://www.londonfire.gov.uk/museum/


Puff mobile https://www.pbslearningmedia.org/resource/phy03.science.mfe.zpffm/designing-a-puff-mobile/

Websites

Images