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| **Topic** |
| Welcome to our little mini topic ‘Water, Water Everywhere’! We hope that you enjoy learning lots about water over the next 2 weeks.  We are going to start with the story of ‘Noah’s Ark’. For Nursery, focus on 1 or 2 activities each day and for Reception aim to have a go at all of them over the next 2 weeks! There are 6 days of activities in total so roughly 3 per week for the next 2 weeks.  **Day 1**  - Make a mind map of all of the things that you already know about water. This can be written, drawn or both! Make sure that you include everything that you can think of - whatever comes into your mind when you hear the word, ‘water’.  - Look at the stimulus picture (see zip file). Talk lots about the picture and if you have printed it off you could write your ideas down around the picture or add some post it notes to a separate mind map with your own sketch of the picture!  - Search inside and outside of your house (in your own garden/ private outside space) and take photos of all of the places that you can find or have found water.  **Day 2**  **-** Look at the picture from yesterday. Talk about how it shows Noah’s Ark. Share the story of Noah’s Ark, either using the class video (to be uploaded on Monday evening), your own version of the story or the online animation - <https://www.childrenandyouth.co.uk/videos/animation-noah-and-the-flood>  - Using the sequencing cards (you can choose all, the 3-4 main parts or 6 parts) order and talk about the story of Noah’s Ark. **Reception**, can you write some captions or sentences to go with the pictures that you have chosen?  - Look at the Ark that Noah made (see picture in zip file). Talk about its features – deck, roof, windows, ramp – what it is made from – wood, maybe nails and metal – and its size. Draw a design or picture for your own Ark. Think about what it is for!  **Day 3**  **(Reception)** – Read Noah’s Diary (see zip file). Imagine that you are Noah and you have finished your Ark, the animals have all made it onto the Ark and you are ready to go. The rain has started to fall. Can you write a short diary entry to explain what you can see and hear, how you feel and what you think will happen next?  - Floating and sinking experiment. Gather some objects made from different materials such as a lollipop stick, a coin, a paper straw, a plastic tub, a flannel or sponge, a stone or pebble, a small glass jar or tea-light holder etc… Fill a sink or tub with water. Talk about each object and predict (guess) whether it will float or sink. If you would like to, draw a picture of your objects and write your guess in blue. Test each object by placing each one into the water. If you guessed correctly, tick your guess and if not, put a cross and write what happened in a different coloured pen. To find out more about why some things float and some things sink, you could watch the Blippi video about floating and sinking! <https://www.youtube.com/watch?v=cSjNd2kZW-k>  **Day 4**  - Find out about the Water Cycle using one of the videos below.  <https://www.natgeokids.com/uk/discover/science/nature/water-cycle/>  <https://www.youtube.com/watch?v=y5gFI3pMvoI>  - Make your own water cycle by doing this experiment with an adult (hot water needed, please supervise carefully)!  You will need:  \* a metal bowl, dish, plate or tray (or a cold ceramic plate, dish or bowl) – this is your ‘cloud’  \* a kettle or a bowl of steaming hot water  \* a tray to collect the rain  \* oven gloves  What to do:   1. Fill the kettle and set to boil. (If using a bowl then transfer the boiled water immediately and carry out step 2 as quicky as possible!) 2. Adults – carefully hold the bowl or tray above the kettle as it boils, or above the steaming bowl of water as quickly as you can. 3. Wait and watch – you should see the steam rising from the kettle or bowl of water and then you should see it condensing as water on your ‘cloud’. 4. Tilt the ‘cloud’ and watch as it begins to ‘rain’!   - Draw a picture to show how the Water Cycle works (this can be very simple)! **Reception**, see if you can add labels.  **Day 5**  - Paint/ draw/ collage a picture of Noah’s Ark. You could pick your favourite part of the story such as the part when the rainbow appears!  - Find out about how rainbows happen. You could try a rainbow experiment (pick from the following or choose your own):  <https://www.youtube.com/watch?v=dIdE-pqYqbs>  <https://www.youtube.com/watch?v=NB1rylEo7Vo> - this one also provides a nice explanation of how we get rainbows!  - Write/ make up a poem about a rainbow. It does not have to rhyme but it should include the colours and some nice descriptions of a rainbow. There is a template if you need some help to get started (see zip file) or you can make up your own from scratch!  **Day 6**  - Moving water. Find different ways of moving water. You can involve lots of filling and pouring using different containers - you could use straws and pipes – be creative and remember to share your ideas and experiments with us!  - Saving water. <https://www.youtube.com/watch?v=rl0YiZjTqpw> Watch the video and talk about why water is so important. What do we need water for? Where does water come from? How can we save water? Make a poster to show how we can save water and why it is important!  - Changing water. Water is a liquid. Can you change it into a solid or a gas? Find as many different ways as you can of changing water into something else! Work with your grown up to stay safe when using hot or cold things, and try to write or draw your ideas and experiments to share with us later.  **Extra challenges!**  \* Use water as a musical instrument (you will need jars or glasses with different amounts of water in, and a wooden or metal spoon to use as a beater)! You could try adding different colours to the water to make a rainbow water xylophone!  \* Try mixing water with different things such as oil, sugar, salt… What happens with each one? Can you make water that is salty enough to make things float that would not normally float? Can you mix water and oil or do they stay separate?  \* Write a story about water or write your own version of Noah’s Ark – or make some puppets and tell the story like a little play!  \* Find out about where the most water in the world can be found! (The largest ocean, the highest waterfall, the longest/ widest rivers…)  \* Grow some plants without soil using only water (you can do this with celery stalks, carrot tops in a dark place, potatoes, avocado seeds and willow).  \* Make a Miro-style painting or drawing of things that live in water (under the sea, ponds etc…) – Miro using basic colours of blue, red, yellow and white and uses a black ink pen to add details. |