

## Science home learning – What a wonderful world

This week is science week and we're looking at the environment and which animals live where.  
There are lots of activities for your phase – but feel free to do any of the activities you like the look of.  
Remember to take a photo and email it to school to show us what you have been doing.

FS	<p><b><u>Own environment</u></b> Take a walk around your local park or garden. What creatures can you spot? There will be birds, mini-beasts and maybe even some little mammals if you're lucky.</p> <p><i>Start a spotter note-book with drawings of what you find. You could put on some labels of the important parts.</i></p>	<p><b><u>Local environment</u></b> <a href="https://www.wildlifewatch.org.uk/explore-wildlife/habitats">https://www.wildlifewatch.org.uk/explore-wildlife/habitats</a> Take a look at these photos of rivers, ponds, woodland, countryside. What animals can you see living here? Would you find these creatures in your park or garden?</p> <p><i>Add what you see to your spotters note-book.</i></p>	<p><b><u>Wider world</u></b> <a href="https://www.bbc.co.uk/iplayer/episodes/b09s2qb6/andys-safari-adventures">https://www.bbc.co.uk/iplayer/episodes/b09s2qb6/andys-safari-adventures</a> Here are some films of the savannah, rainforest, oceans, polar regions. These creatures are very different to the ones you've looked at already. Which place would you most like to visit?</p> <p><i>Finish your spotters note-book with the new animals you have seen. Remember to write down where they live!</i></p>
KS1	<p><b><u>Creature spotter</u></b> <a href="https://www.wildlifewatch.org.uk/spotting-sheets">https://www.wildlifewatch.org.uk/spotting-sheets</a> Here are some fantastic wildlife spotter sheets. Choose a set of things you would like to go on a hunt for!</p> <p><i>If you can't find a place where these creatures live, why not produce an identification booklet with a labelled drawing of your favourite creatures.</i></p>	<p><b><u>Food for all</u></b> All the living things in an area (or habitat) have to survive together. Think about the wild animals near where you live. What do they eat? They can't go to the shop to buy the food they need so what do they do to get their food?</p> <p><i>Imagine they could get what they needed from a special woodland café!!! Design a menu for one of the wild creatures living near you!</i></p>	<p><b><u>Looking after our local habitats</u></b> It is really important that we respect and care for our local habitats as they are full of living things and special places for us to enjoy.</p> <p><i>Design a poster which encourages the people of Newark to look after your special wild place. You might include a message for them and pictures of the creatures that need protecting.</i></p>

LKS2	<p><b><u>Our environment</u></b>          We are very lucky in Newark to have lots of different natural areas that we can enjoy. We have a river, playing fields, a lake, little bits of woodland and we are very close to the countryside and a huge forest.</p> <p><i>Imagine you are designing a new town. What natural areas would you like to have in your town for wildlife and people to enjoy? Draw a plan of your town and label the special places.</i></p>	<p><b><u>Changing environments</u></b>          There is lots of building happening in Newark at the moment. We are getting new houses, new roads, new schools and new sports areas. This can be great for the people who need these things but the change in environment can affect the natural things that already live there.</p> <p><i>Make a list of the positives and negatives for building new homes in our town.</i></p>	<p><b><u>Protecting our environment</u></b>          In Newark, we are very proud of the River Trent. The Canal &amp; River trust work hard to keep our river clean and safe for the wildlife.  <a href="https://canalrivertrust.org.uk/news-and-views/features/plastic-and-litter-in-our-canal">https://canalrivertrust.org.uk/news-and-views/features/plastic-and-litter-in-our-canal</a></p> <p><i>Take a look at this film and discuss with your family what you can do to help protect the River Trent and other canals and rivers from plastic pollution.</i></p>
UKS2	<p><b><u>Changing over time</u></b>          Living things change over time. Some characteristics are inherited from the mother and some from the father.</p> <p><i>Take a look at some family photos. Make a list of characteristics that are the same or different between members in your family.</i></p> <p>Eg: I have the same colour hair as my brother. My brother is tall, like my mum.</p>	<p><b><u>Plant adaptation</u></b>          Plants are very different across the world. That is because they are suited to their environment.  <a href="https://www.youtube.com/watch?v=jolStQgyNaQ&amp;list=PLcvEcrsF_9zL-ezi2arrUDzqkjz5Lmfba&amp;index=5">https://www.youtube.com/watch?v=jolStQgyNaQ&amp;list=PLcvEcrsF_9zL-ezi2arrUDzqkjz5Lmfba&amp;index=5</a></p> <p><i>Watch this film and note the features of the different trees and how that has helped them survive in the forest.</i></p>	<p><b><u>Animal adaptation</u></b>          Animals are also adapted to suit different environments. For example, a polar bear has thick fur to protect it from the cold temperatures.</p> <p><i>Draw animals from three different places in the world and label what makes them suited to the place where they live.</i></p>