

Starters for Science are 4 activities that parents can use at home to help children develop their science alongside the key learning and vocabulary children are using at school. The activities are easy to resource and provide children with the stimulus to learn and talk about their science topic. Encourage children to use the correct vocabulary as they talk about what they are doing and finding out. Don't forget to share your work on social media

#ScienceFromHome

Key Learning:

All living things can be sorted into different groups based on similarities.

We use a system of classification devised by Karl Linneaus to help us identify living things.

Identification charts and classification keys can be used to help to identify living things.

Changes to an environment can affect the organisms living there and pose dangers to them.

Human activity can have a devastating effect upon a habitat and in turn this can affect the plant and animal populations living there.

Vocabulary:

sort
group
classify
mammal
fish
bird
reptile
amphibian
simple leaf
compound leaf
environment
impact

Grouping animals

Draw or print out small pictures of 12 different animals this could be: a dog, a rabbit, a rattlesnake, a goldfish, a sparrow, an eagle, a chameleon, a shark, a clown fish, a lion, a frog and an owl. Cut them out. Now sort them into different groups and say why you've grouped them animals together. Can you put them into different groups?

Looking at leaves

When in the local park, depending on the season take a photo, or collect 6 different leaves. Look at them carefully and see if you can put them into 2 different groups based on similarities. What question could you ask to split them into groups? Repeat this process until you end up with the 6 leaves each in a group on its own.

Changing habitats

Palm oil is used in a lot of products, including many types of food. It is grown in tropical areas of the World. Large areas of rainforest have been cleared so that more palm trees can be grown. How does cutting down large areas of rainforest affect the animals living there? What might happen to these animals in the future?

<https://www.stem.org.uk/rx64nn>

What am I?

Think of an animal or plant that you know the name of, either draw a pic of it or keep the image in your mind. Ask someone to ask questions that have to be answered yes or no. They have to work out what you are thinking of. Swap over and get them to think of a plant or animal.