

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 animals, including humans, have basic needs that must be met in order to survive. These needs are water, food and air.

It is also important that to be healthy, humans need exercise and to eat the right amounts of different types of foods. Having good hygiene is also essential, which means keeping clean.

Animals, including humans, have offspring which grow into adults.

The young animals have different names to the adults. For example, puppy, dog; cub, bear; calf, cow; tadpole, frog.

The young of some animals look different to the adults for example ladybird larvae and the adult ladybird.

As they grow animals go through stages. For example, egg, chick, chicken; egg, caterpillar, pupa, butterfly; lamb, sheep.

Humans also go through stages as they grow: baby, toddler, child, teenager, adult.

Vocabulary:

offspring
stages of growth
e.g. baby, toddler,
child, teenager,
adult; egg, chick,
chicken; lamb,
sheep
growth
basic needs
human
animal
survival
water
food
air
exercise
hygiene
nutrition

Life cycle collage

Choose an animal which has an interesting life cycle. It could be a butterfly, a frog, a penguin or a human.

Make a collage showing the stages of growth in their life cycle. You could cut out colours, shapes or images from magazines, use items from the kitchen or craft materials. Be as creative as you like!

Create a matching game

Make a list of the names of animals and their young. You'll need at least 10 different animals. Research to find the name of any young you're not sure of. Now create a matching game you can play with your family. Can they match them all?

Keeping Healthy

Watch this animation <https://www.bbc.co.uk/bitesize/clips/z8yd2p3>. After you have watched it, make a poster of all the things you can do to stay healthy.

Perfect pets

Pets have basic needs which need to be met to survive and be healthy.

Think about the things we provide for our pets. Which are essential for survival and health and which are not.

Can you make a booklet explaining how to look after your pet or an animal you would like as a pet?