

VIRTUAL SCIENCE FAIR

READ THROUGH THE SCIENCE MATS. CHOOSE ANY ONE OF THE MATS TO FOCUS ON AND CREATE A POSTER OR CARRY OUT A SIMPLE LINE OF ENQUIRY. YOU COULD CREATE YOUR POSTER ON PAPER, POWERPOINT PRESENTATION (IF YOU HAVE ACCESS TO A COMPUTER) OR EVEN THE INSIDE OF A CEREAL PACKET!

Here are just a few ideas of what you could do:

MATERIALS:

Make a poster showing objects made from the different materials mentioned and say why that is a good material to make it from.

Make a poster showing materials that would not be good to make certain objects from and explain why eg. windows made from wood.

Use spare materials from around the house to make something eg. boats. Draw a labelled picture, say why you chose those materials, predict which you think will make the best boat, test the boats on water, say which was the best and why.....

ANIMALS:

Research one of the animals mentioned and create a poster about it.

Find examples for all the different groups of creatures. Identify what they all have in common.

PLANTS:

Draw a picture of a plant / flower in your garden and label it.

Identify what a plant needs to grow well.

Create a World Record fact file eg. tallest tree, smallest tree, oldest tree.

Plant some seeds – experiment to find out what they need to germinate.

Plant some seeds – experiment ... will they grow better outside or inside?

SEASONAL CHANGES:

Create a poster containing facts about one of the seasons.

Create your own poster showing signs of the different seasons.

Do all countries have the same seasons / the same weather in the seasons?

Create a poster informing others why / how we get different seasons.

HABITATS:

Create your own creature that lives in one of the mentioned habitats. Label it saying how it suits that environment.

Research an animal that lives in one of the mentioned habitats.

Create a poster full of facts about a particular habitat.

HEALTHY LIVING:

Keep a diary poster of your eating habits for a week. Identify the food groups you eat and how they keep you healthy.

What happens to your body when you exercise? Does your body react the same way to all types of exercise?

SKELETONS:

Draw a poster of a labelled skeleton. Tell us what function the skeleton serves.

Name and draw some parts of the body that are protected by different bones.

Make an interesting fact file about bones.

ROCKS:

Draw a set of pictures that show how fossils are formed.

What rocks have been used to make things in your home?

MAGNETS:

Create a poster showing all the things in your house that might be attracted to a magnet.

FORCES:

How well do your toy cars move across different materials (tiles / carpet / wood ...) in your home? Predict. Make it a fair test. Which material was best? Why?

Make the best parachute to land a toy safely.