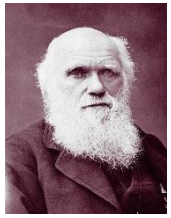
Home Learning – Year 6

Science



Have we always looked like this?

This Science Learning challenge asks us to looks at Evolution and the scientific theory of how we came to be.

Who is Charles Darwin and why is he so important?

What is his Theory of Evolution?

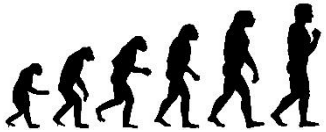
Create a detailed and engaging poster/fact file to tell me all about Charles Darwin.

Helpful links:

KS2: Charles Darwin – The biggest name in Victorian science - BBC Teach

Tree of Life video –David Attenborough
https://youtu.be/H6IrUUDboZo

Charles Darwin Facts for Kids (kiddle.co)



Geography

Will you ever see the water you drink again?

Why is water a major necessity in any town?

- Human and animals
- Natural environment
- Industry
- Commercial
- Health
- Emergency services
- Homes
- Education.

Think about why and how these areas use/need water.

Produce a piece of work, however you wish to express your ideas, to show me why water is such a necessity.

Plant and animal adaptations

If plants & animals are well-suited to their environment they are more likely to survive long enough to pass their changes to their offspring. They have adapted better to their surroundings/habitat.

How do plants adapt to living in very cold environments?

http://www.bbc.co.uk/programmes/p00xcr7m

Make a list of adaptations that help the plants in these environment.

Water Lilies Cattails

Design a plant for a particular habitat – make a detailed drawing showing the special features that will help it survive.

If you want to be creative and add some 'special' features you can, but you have to give reasons for these features and explain how they help the plant survive!

How does rainwater form in the first place?

Create a detailed diagram of the water cycle.

Your diagram must include these words:

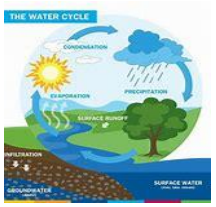
*Precipitation

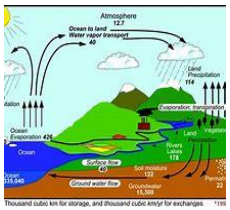
*Infiltration

*Transpiration

*Evaporation

*Condensation





Try and find out what these words mean before you use them on your diagram.

The water cycle - Met Office

What is the water cycle? - BBC Bitesize