

Lockerbie Academy

Learning@Home

Activities – S1-3



Year group

S1



S2



S3



Subject/Teacher Science - Healthy Planet

Online activities

The Need to Know sheet for this topic is on the school website in the Science/S1 pages.

1. Use the Need to Know sheet (and the internet) to make a diagram or a 3D model of an animal cell and a plant cell.
2. Watch <https://www.youtube.com/watch?v=Uz7JnVUWCZQ> and write a lab report on the experiment. Remember to include the word equation for photosynthesis!
3. Make a poster of all the definitions in the Need to Know sheet – put in examples and use diagrams.
4. Research the habitat of one mammal and one non-mammal (amphibian, reptile, bird, fish, insect etc) and make a powerpoint presentation or a poster explaining where it lives, what it eats, what eats it, and how it is adapted to live in that habitat (e.g. a camel has double eyelashes to withstand sandstorms).

Alternative activities

1. When you are outside, have a look at the plants that are growing – can you identify them? Take photos and use Google image search to identify them. Which plants grow in shady places? Which plants grow in open spaces?

1. On your Android phone or tablet, go to images.google.com.
2. Enter a description of the picture you want to find.
3. Tap Search .
4. Tap the picture you want to search with.
5. Touch and hold the picture. Tap Search Google for this image.

2. Get a clean yoghurt pot, carefully put some holes in the bottom and find somewhere where you are allowed to dig a hole. Bury the yoghurt pot so that it is level with the ground. Camouflage the top with leaves and sticks and leave it overnight. Go and see if you have managed to trap any invertebrates the next day. Identify them using Google image search (above). Think about what might happen if you left the trap for a few days – do you think you would see more or less invertebrates? Why? Make sure to let all the invertebrates safely out of the pot once you have finished identifying them. When you have finished, go inside and wash your hands thoroughly.