**Year 8 Science Notes 18th June 2020**

Variation in species

Why do we have variation in species?

* To allow them to survive in different environments, species need to adapt.
* For example;
* Polar bears have small ears to prevent them becoming damaged in the frozen environment
* They are white to help camouflage and blend into their environment so as not to be seen easily and make it easier for them to hunt and to be able to eat and survive.
* Camels have large flat feet to help spread their weight so they can walk on sand.
* They also have large lashes to stop sand getting into their eyes.
* Cactus have large, sharp spines to protect them from animals and so they don’t lose water.
* They also have deep roots to be able to access water deep underground.

**Homework**

Choose **three** different animals from **two** different ecosystems (**ocean & jungle**)

* **Draw** a picture of your animals
* **Write** about how each have **adapted** to live in their environment.