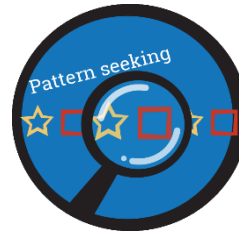
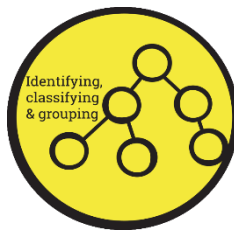


## Working Scientifically Skills



WHO?

Ernest Shackleton



Year 1  
Living Things

Biology



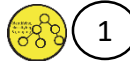
### Vocabulary

<b>life processes</b>	These are the things that all living things do. They move, breathe, sense, grow, make babies, get rid of water and gain energy from food.	<b>never living</b>	If something is made of metal, plastic or rock, they were never living. They never had the life processes.
<b>living</b>	Living things have all the life processes.	<b>food chain</b>	A food chain shows how each animals gets its food. They are one of the ways that living things depend on each other to stay alive.
<b>dead</b>	Dead were once living. They did have all the life processes but do not now.	<b>habitat</b>	A habitat is the natural place a living thing lives. A habitat provides living things with all they need to survive, such as food, shelter and water.

### WHAT?

**Living things** have similar basic life processes

**M**ovement  
**R**espiration  
**S**ensitivity  
**G**rowth  
**R**eproduction  
**E**xcretion  
**N**utrition



1

4



A **camel** lives in the **desert** because it can **survive** without water, it can store **fat** and it has long **eyelashes** to keep the sand out.  
A **penguin** lives in **Polar Regions**. It has **thick feathers**, layers of **fat** and a **beak** to catch fish. It also has small **wings** for swimming.  
A **reef shark** lives in the **ocean**. It has **gills** to breathe under the water and a **long** streamlined body to glide through the water.

2



**Microorganisms** are very **tiny living things**. Microorganisms can be found **all** around us. They can live **on** and **in** our bodies, in the **air**, in **water** and on the **objects** around us.  
**Mould** is the common word for any fungus that grows on food or other materials.  
**Penicillium fungus** is used to make the **antibiotic penicillin**.  
**Bacteria** are single celled microorganisms, which are found all over **Earth**.

**Microhabitats** are very **small** habitats (e.g. in grass & on rotting wood)  
A **large habitat** can have many **microhabitats**  
**'Minibeasts'** live in microhabitats

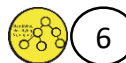


5

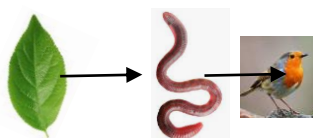
A **habitat** is a place where an animal **lives** that provides **specific shelter/food/water/safety/temperature** so they can survive.  
Many animals have **special** features or skills to help them survive in their habitat. They are **adapted** to live there.  
Some living things couldn't survive in a different habitat.



3



6



A **food chain** shows what eats what.  
Living things have different labels depending where they are in the food chain A **predator** is an animal that **hunts, kills and eats** other animals for food. A **producer** is the living thing that **produces** its own food, rather than **consuming** another living thing.  
**Prey** is an animal that is hunted by another for food. Prey are **hunted** by predators.