

Science Focus: Living Things & Their Habitats	Year Group: 4	Summer Term
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Key Knowledge:

American animals

- Moose
- Armadillo
- Coyote
- Black Bear
- Bison
- Bald Eagle



Do common American animals need to hibernate/shed etc. In order to survive.

- Moose – **shed** fur for Summer season.
- Black Bear – **hibernate** during Winter season.
- Bison - **shed** fur for Summer season.
- Bald Eagle – Migrate to warmer weathered country.
- Coyote - **shed** fur for Summer season.
- Armadillos - **hibernate** during Winter season.

How do micro - organisms adapt to survive in Death Valley?



●Kangaroo Rats have adapted to life in Death Valley as they do not need to drink water their entire lives.



●They survive on water digested from their seedy, vegetarian diet.

●Desert tortoises regulates its own temperatures.



●Jack Rabbits release heat through their over-sized ears.

Joshua Trees

- Rigid leaves covered by a waxy surface help the Joshua tree survive.
- It's roots are about 3 feet deep.
- Water is stored in its trunk and leaves.



Key Vocabulary:

Habitat – Where a plant or animals lives.

Environment – The surroundings or conditions in which an animal or plant lives.

Deforestation – The action of clearing a wide area of trees.

Classification – Grouping living things by looking at similarities and differences.

Vertebrate – Animals which have a backbone/spine.

Invertebrate – Animals which do not have a backbone/spine.

Mammals – Hair or fur, warm-blooded, gives birth to their young.

Reptiles – Scales, lay eggs, cold-blooded.

Amphibians – Smooth skin, live in water and on land, cold-blooded.

Fish – Scales, live in water, cold-blooded, lays eggs and has gills.

Birds – Feathers, warm-blooded, lays eggs.

Hibernate – spends the Winter months in a dormant state in their habitat.

Shed – Its skin/shell comes off to be replaced by another one that grown underneath.

Possible Experiments:

Locate a variety of different habitats within the school environment. Compare them to American habitats.

Design own keys and branch diagrams to identify animals and plants.

Diagrams and Symbols:



camel



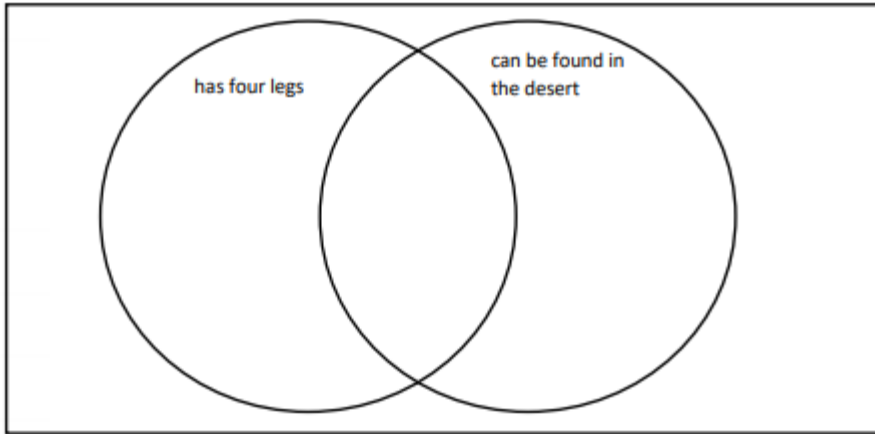
cactus



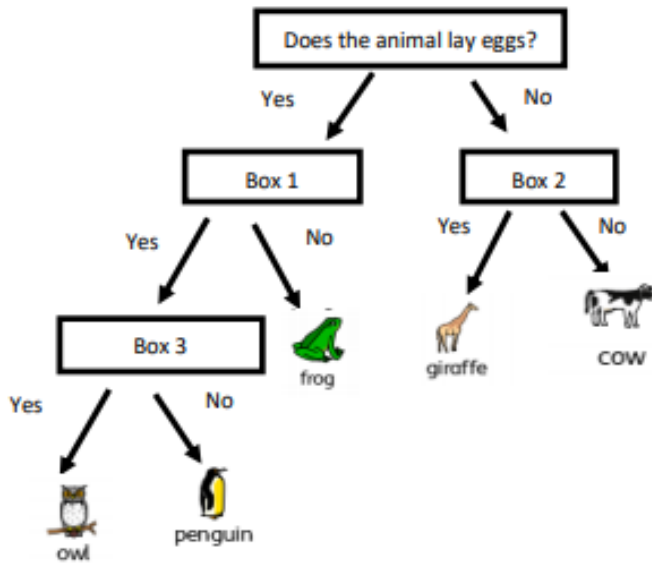
polar bear



whale



Venn Diagram



Classification Keys

