

Ecology



You will complete your vocabulary sheet using this pattern.

Word	Definition	Picture	Examples
RED	BLACK		GREEN

Living Together

There are many things on Earth.

BIOTIC are living things,

ABIOTIC means non-living.

Sort the following.....



Ecology - The study of the relationships between living things & their environment

ex. people & global warming
salmon & bears



Individual - A single member of a species

ex. a horse, bee, dog...



Species – a group of living things that are similar enough to produce offspring (babies) together

ex. – male & female horses



Population - The number of species living in an area – ALWAYS a number

ex. 4 horses



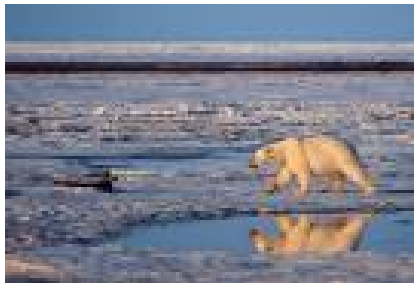
Colony - A group of living things of the same type living together

ex. a herd of horses, family



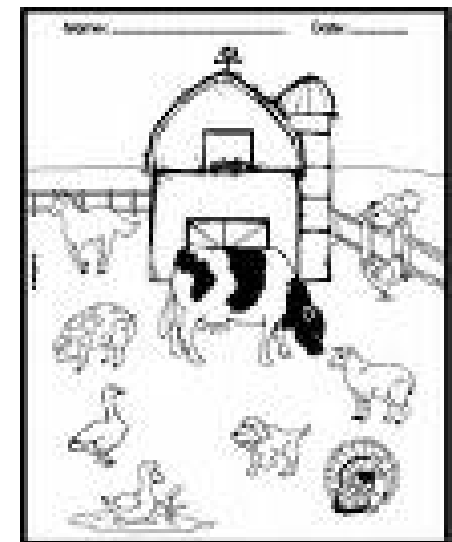
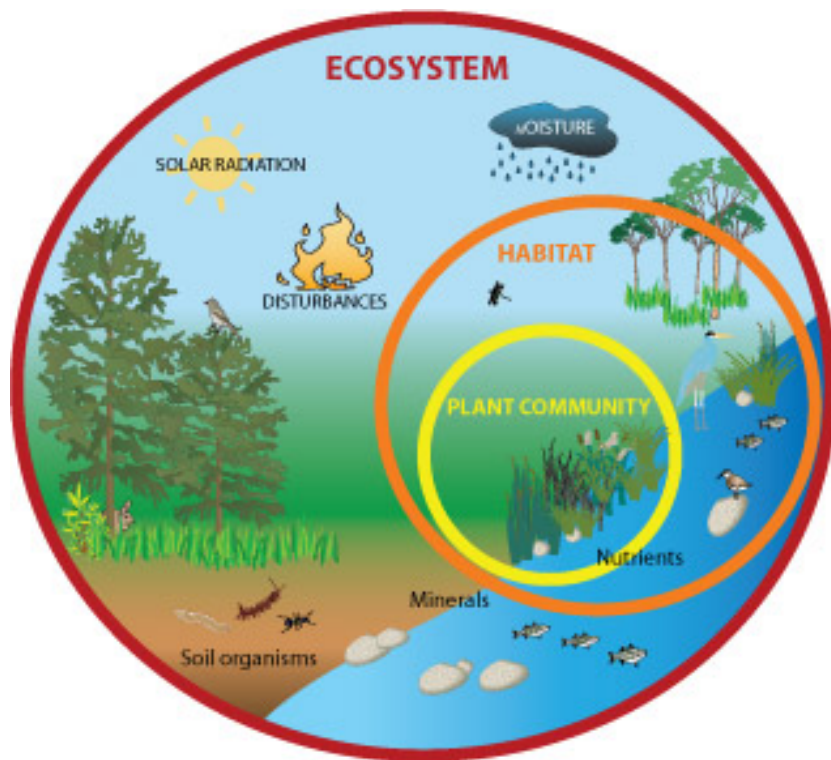
Habitat – group of interdependent biotic & abiotic things living in their environment

ex. log, tree, swamp, mountain, ocean, arctic



Community - A group of living things all living in an area

ex. farm – horse, cows, grass, people



Benefit - Something that does good to a living thing

ex. rain – allows food to grow
sun light, wind...



Challenge - A difficult problem or task

ex. drought – not enough rain/water, predators



Resources - Things that are available for a particular use

ex. food, water, shelter



Microscopic - Very tiny, need microscope to be seen

ex. single cell, bacteria, viruses



Macroscopic - Can be seen with the naked eye

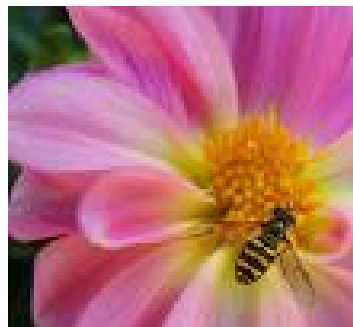
ex. grain of sand, tree, bug



Coexistence - To exist / live together

ex. people & pets

zebra & birds



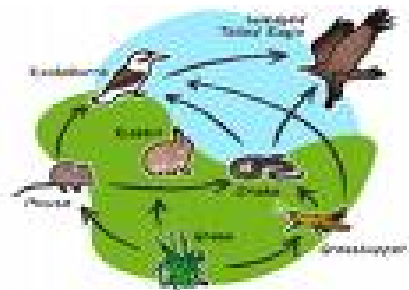
Biodiversity - A wide variety of living things

ex. Rainforest, oceans



Ecosystem – The system of interactions between living things & their environments

ex. pond, forest, deserts, wetlands



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Nature Walk



Purpose: To discover how many living things are around us.

In a chart write down & count the both the biotic & abiotic things you see on the walk.

Biotic

- Tree - 6
- Flowers - 12

Abiotic

- Pond - 1

Graph your findings from the nature walk.

Make a sentence for each of the vocabulary words given to you about your findings.