

Unit 3 Lesson 1

1. Organism ~ a living thing
2. Species ~ a group of organisms that can mate and have offspring that can also reproduce

Unit 3 Lesson 1

Essentials of Living Things

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graph TD; A[Essentials of Living Things] --- B[Have Cells]; A --- C[Grow And Develop]; A --- D[React To Changes]; A --- E[Constant Inside Conditions]; A --- F[Take In And Use Energy]; A --- G[Reproduce]
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**Have
Cells**

**Grow
And
Develop**

**React
To
Changes**

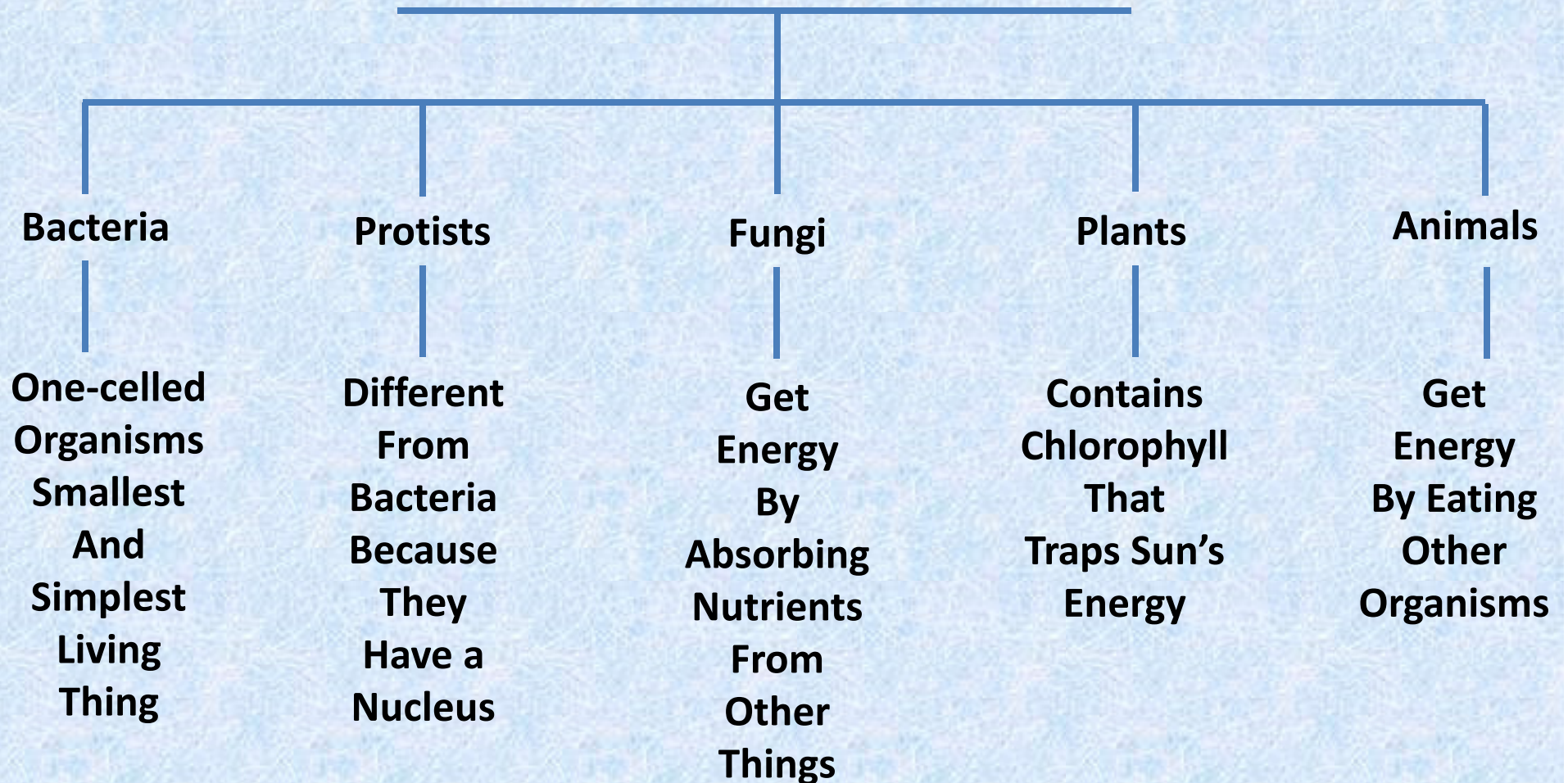
**Constant
Inside
Conditions**

**Take In
And
Use
Energy**

Reproduce

Unit 3 Lesson 1

Groups of Organisms



Unit 3 Lesson 2

1. Habitat ~ the place where organisms live; supplies food, water, and a safe place to eat, rest, and raise young
2. Niche ~ the role of an organism in its environment; includes all of the things an organism does

Unit 3 Lesson 2



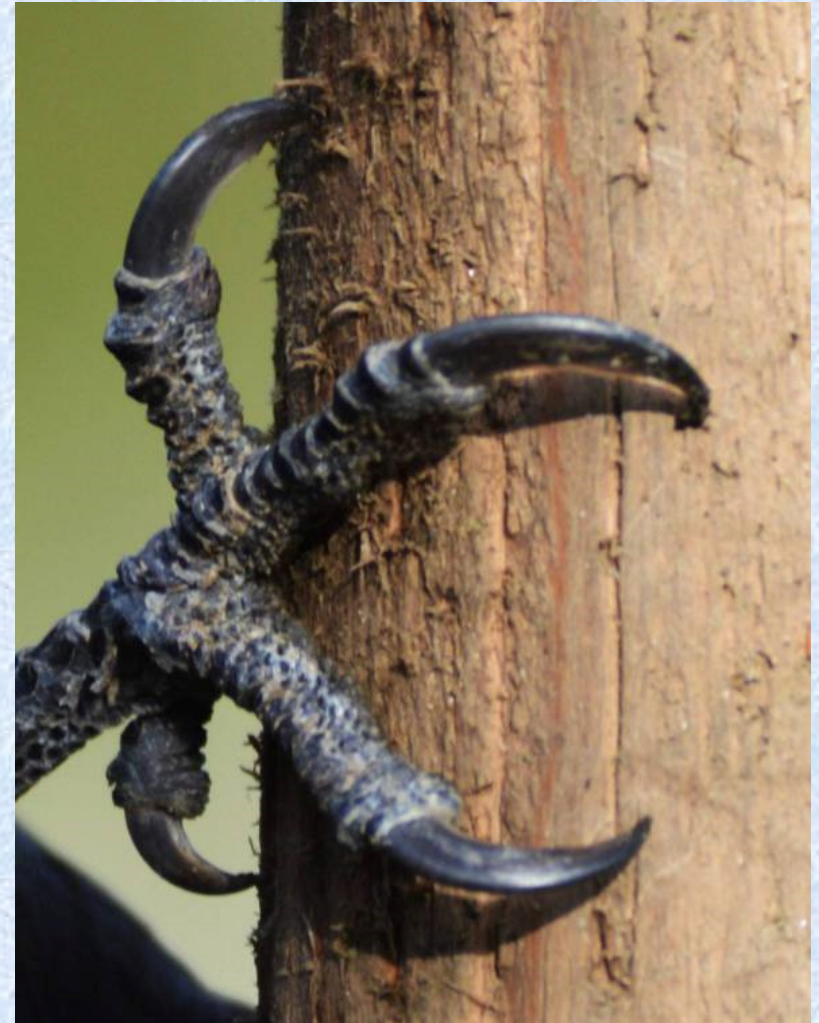
Hooves structured for running fast over hard-packed ground.

Unit 3 Lesson 2



Thickly padded feet structured for stealth and running on top of deep snow.

Unit 3 Lesson 2



Grappling hook claws structured for grasping tree bark and limbs.

Unit 3 Lesson 2



Hooked talons structured for grasping prey and tearing flesh.

Unit 3 Lesson 2



Webbed feet structured for swimming in water.

Unit 3 Lesson 2



Powerful claws structured for digging in hard earth.

Unit 3 Lesson 2

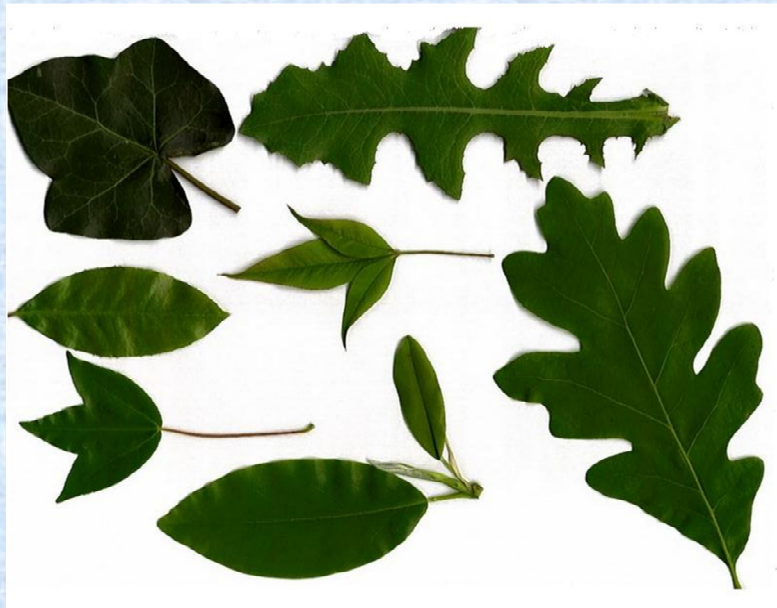


Grasping toes and opposable thumbs structured for grasping tree limbs.

Unit 3 Lesson 3

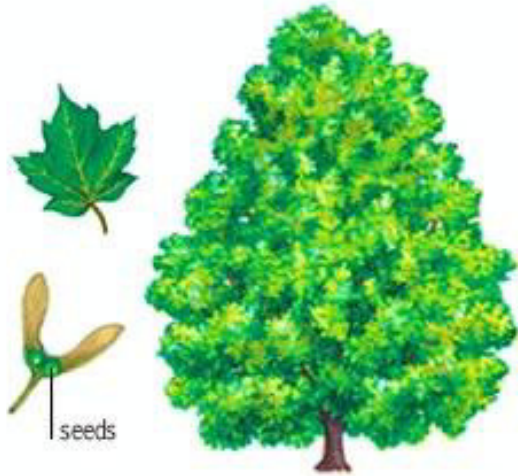
1. Ecology ~ the science of how organisms interact with their environment
2. Ecosystem ~ a group of organisms in a certain place and their nonliving environment
3. Community ~ all the organisms in an ecosystem
4. Population ~ a group of organisms of the same species that live in the same ecosystem
5. Biosphere ~ all the organisms living on the Earth

Unit 3 Lesson 5



Unit 3 Lesson 5

deciduous trees



seeds

maple

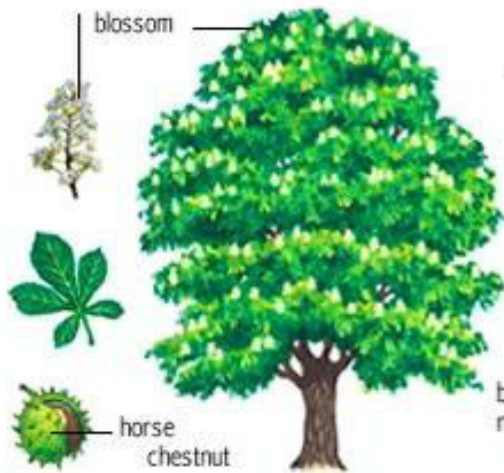


acorn

oak



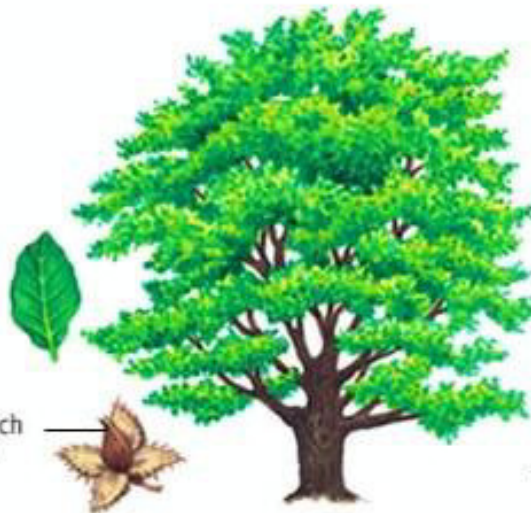
birch



blossom

horse chestnut

horse chestnut



beech nut

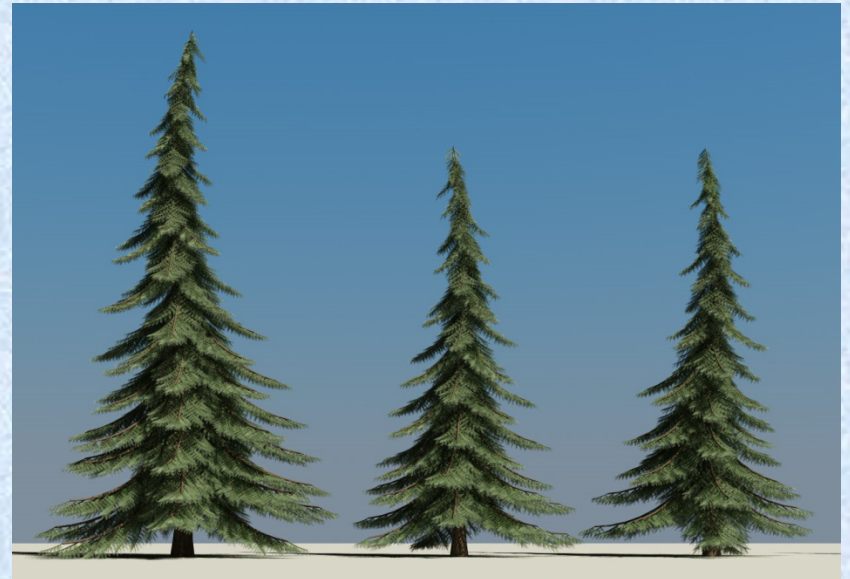
beech



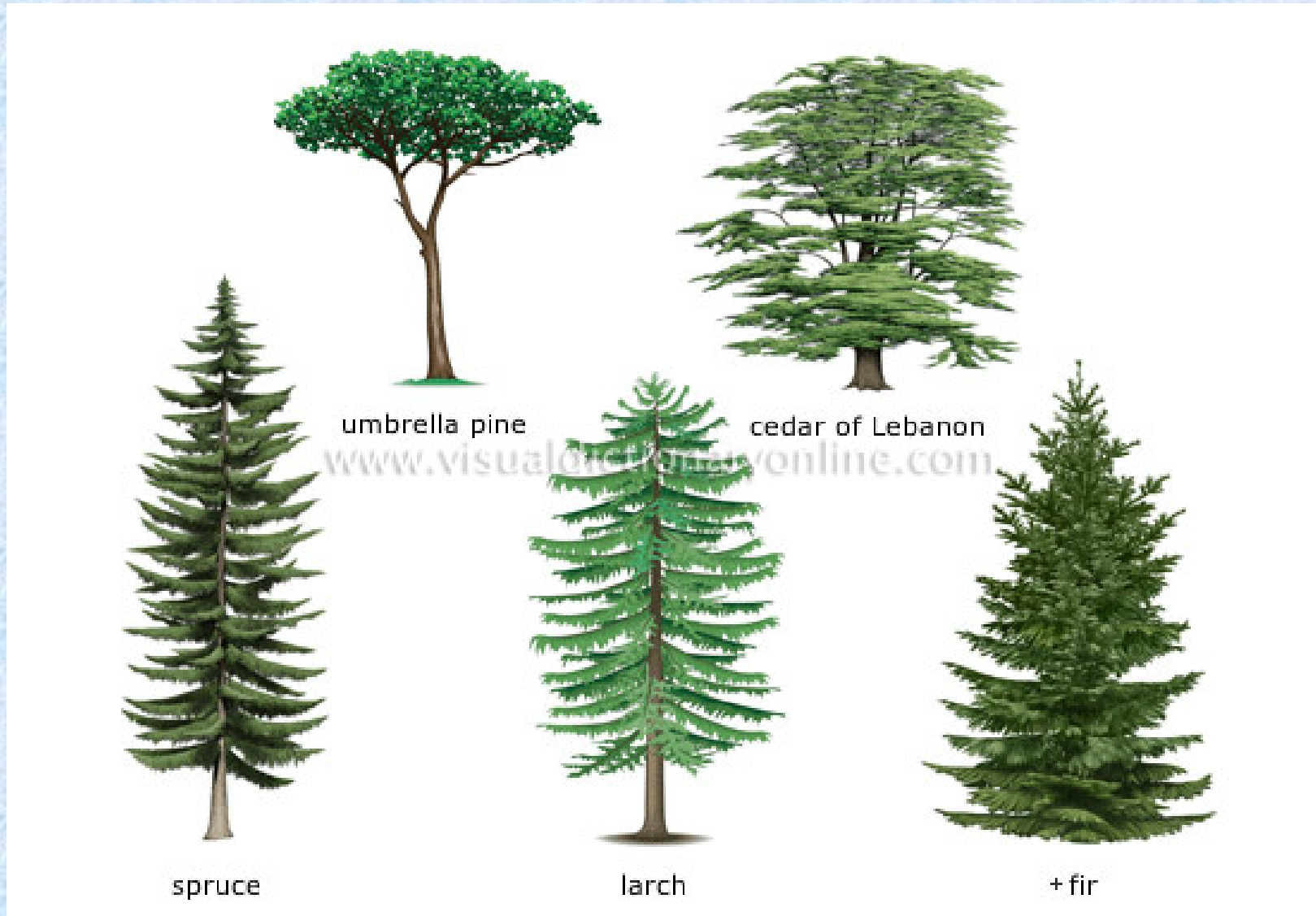
seeds

ash

Unit 3 Lesson 5



Unit 3 Lesson 5



Unit 3 Lesson 5



Unit 3 Lesson 5



Unit 3 Lesson 5



Unit 3 Lesson 5



Unit 3 Lesson 6

1. Predator ~ an animal that hunts and eats other animals
2. Prey ~ an animal that is hunted and eaten by another animal

Most animals are both predators and prey!

Unit 3 Lesson 7

1. Producer ~ an organism that makes its own food from sunlight; most producers are green plants but can also be algae, protists, or bacteria.
2. Consumer ~ an animal that eats other organisms; there are four types of consumers
3. Decomposer ~ an organism that breaks down dead organisms to get energy; fungi, some bacteria, insects and worms

Unit 3 Lesson 7

1. Herbivore ~ organism that eats plants
2. Carnivore ~ animal that eats other animals
3. Omnivore ~ animal that eats both plants and animals
4. Scavenger ~ animal that eats dead animals