

Biology

STAAR Alternate 2

Administered April 2019

RELEASED

BIOLOGY



2a



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2b



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3a



puffer fish

© iStock.com/GlobalP



sea urchin

© iStock.com/DPFishCo

They both have dorsal fins that are used for balance.

They both have smooth skin covering their bodies.

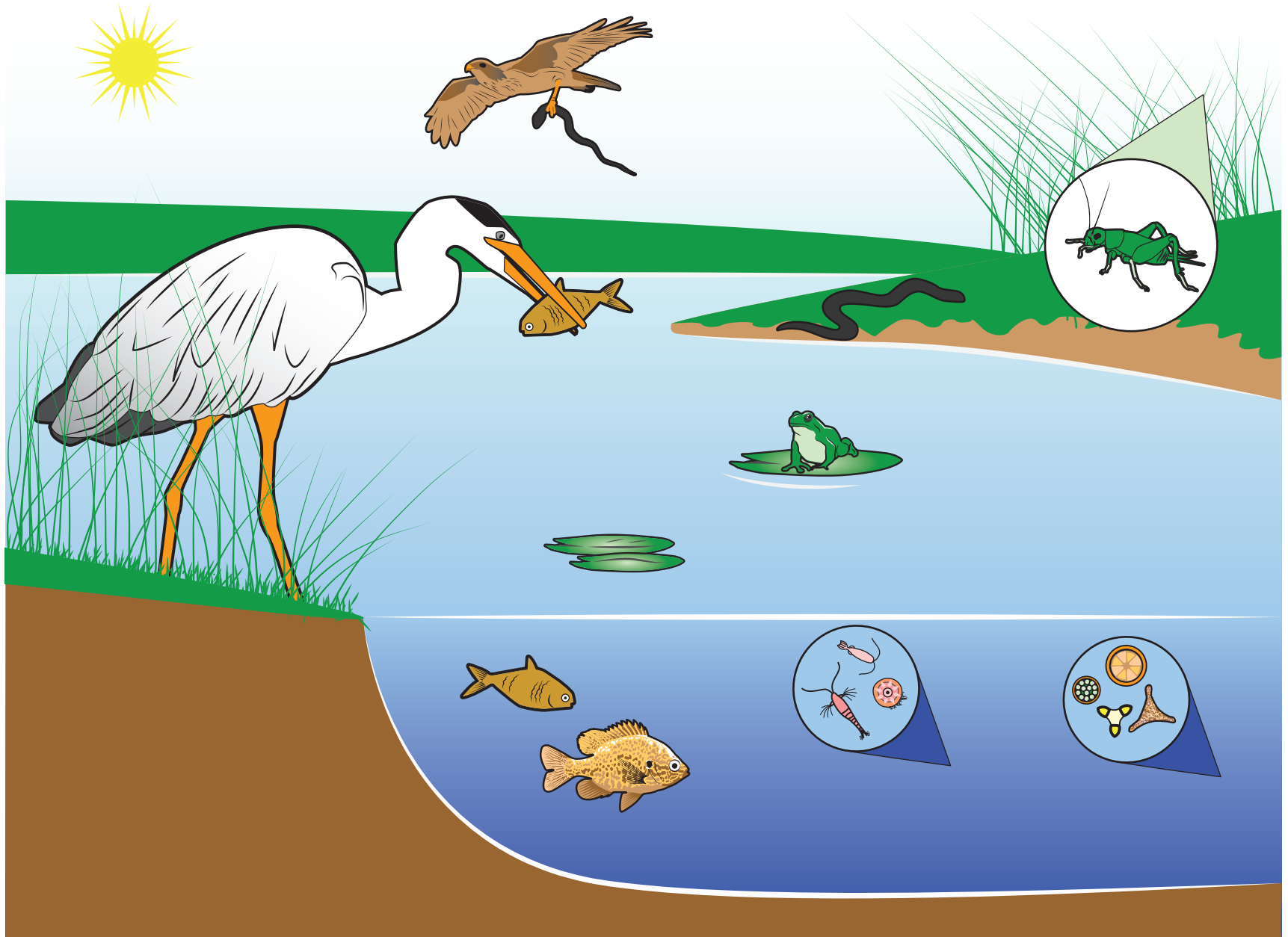
They both have spines that are used for protection.

Domain	Eukarya	
Kingdom	Plantae makes their own food	Animalia eats plants and animals
Examples	mosses, ferns, flowering plants	

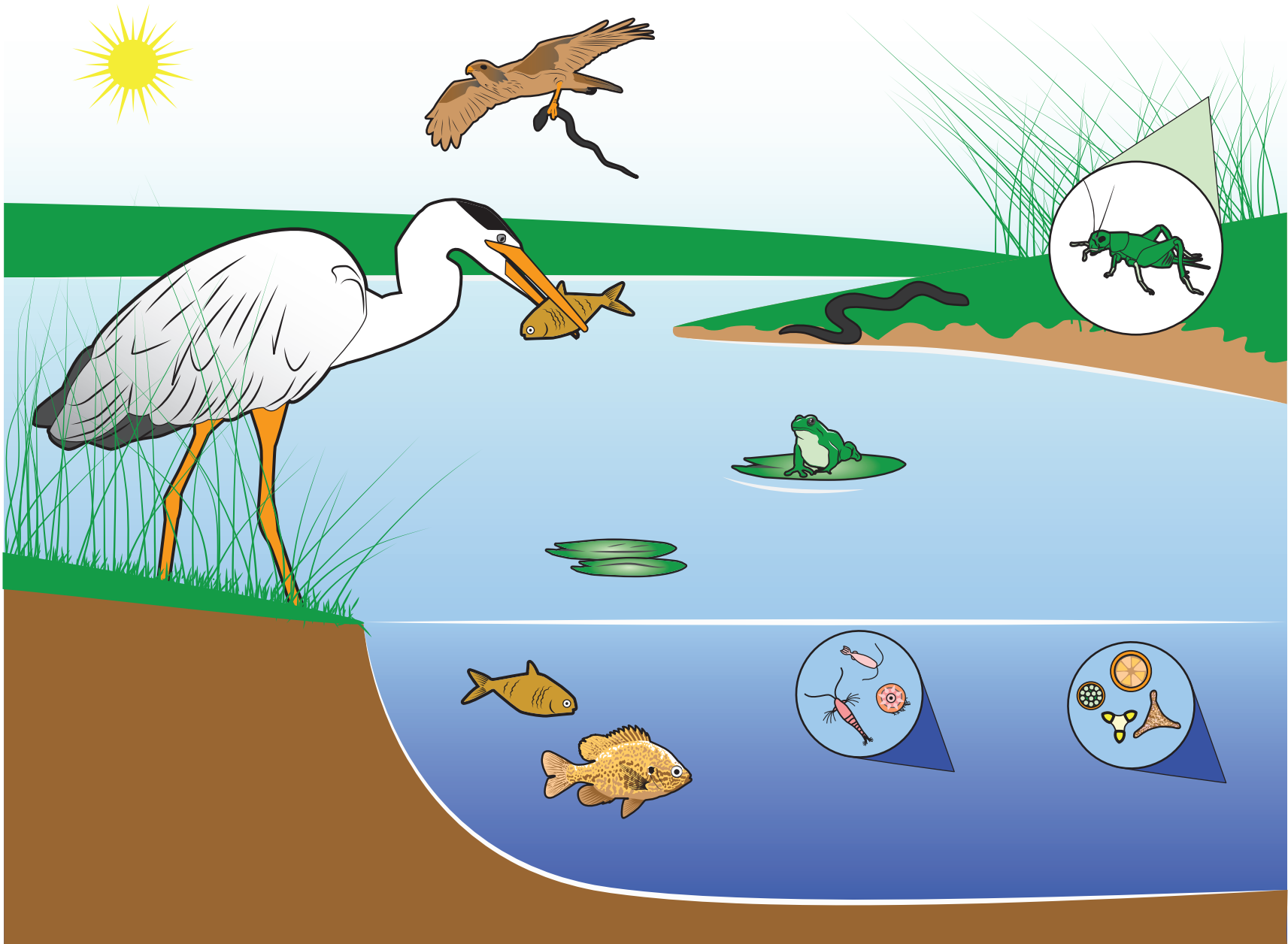
mushrooms, yeast, mold

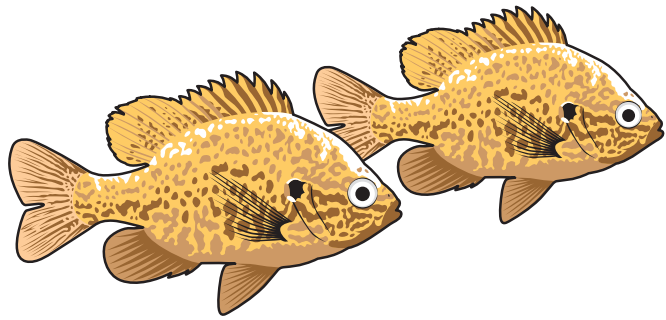
birds, fish, mammals

fruits, trees, grasses

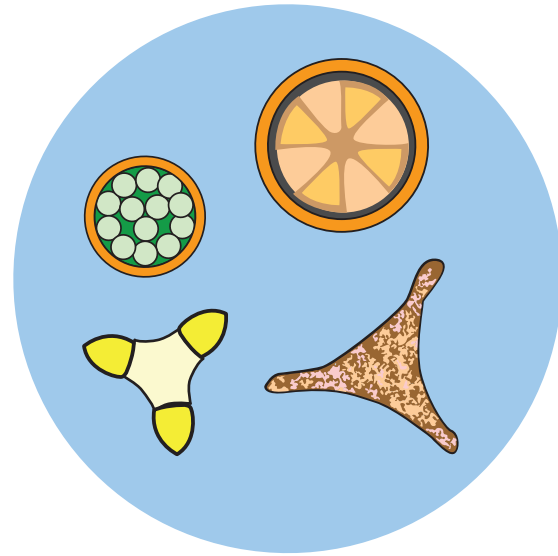


6a

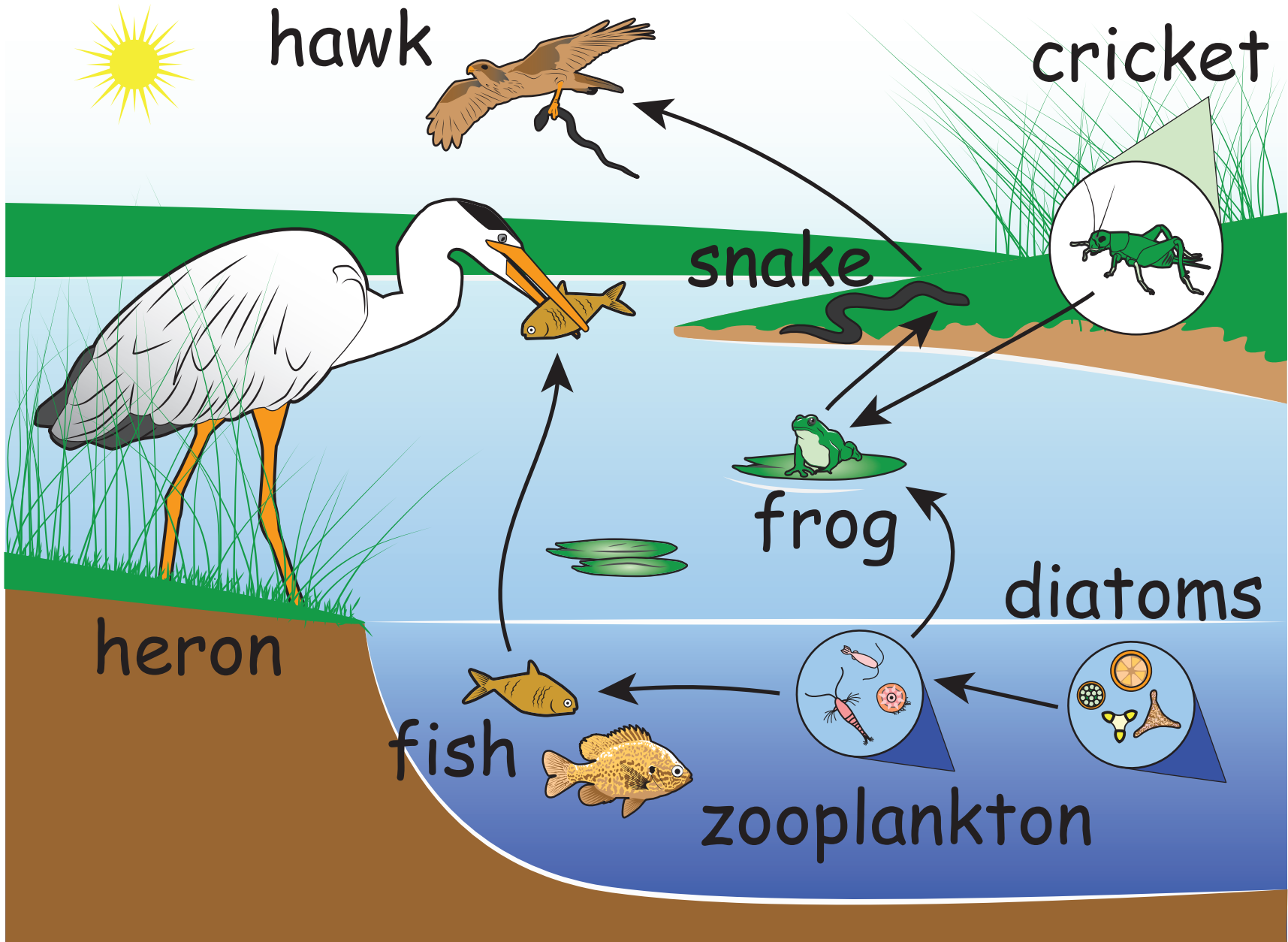


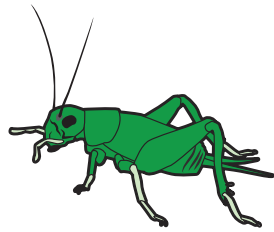


fish

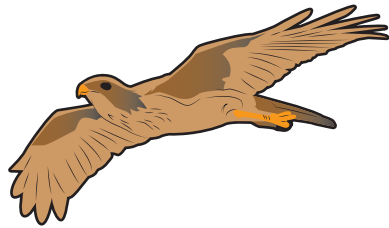


diatoms





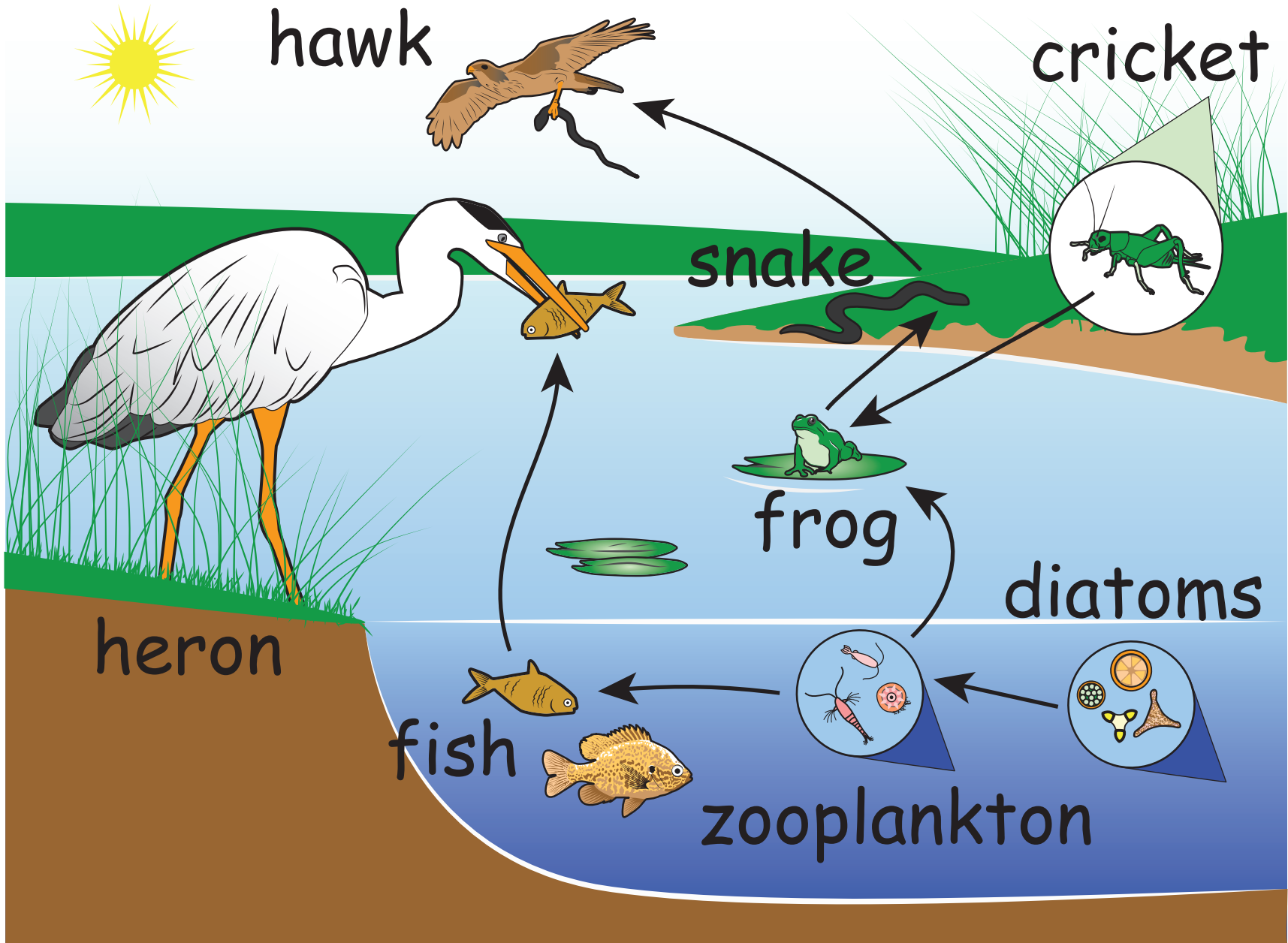
cricket



hawk



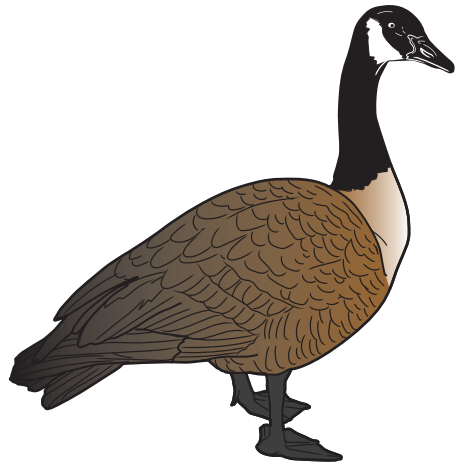
snake



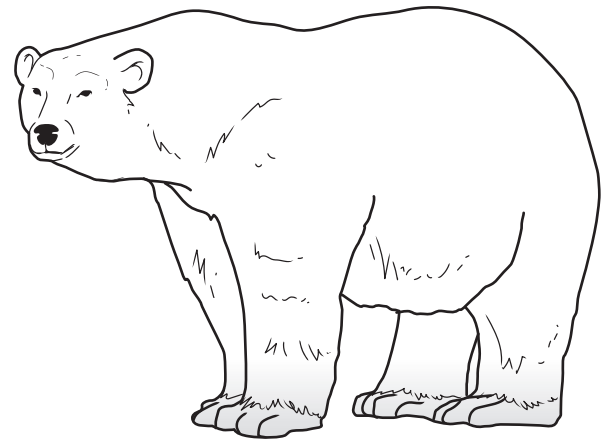
The fish is a predator of the hawk.

The cricket is a predator of the heron.

The snake is a predator of the frog.

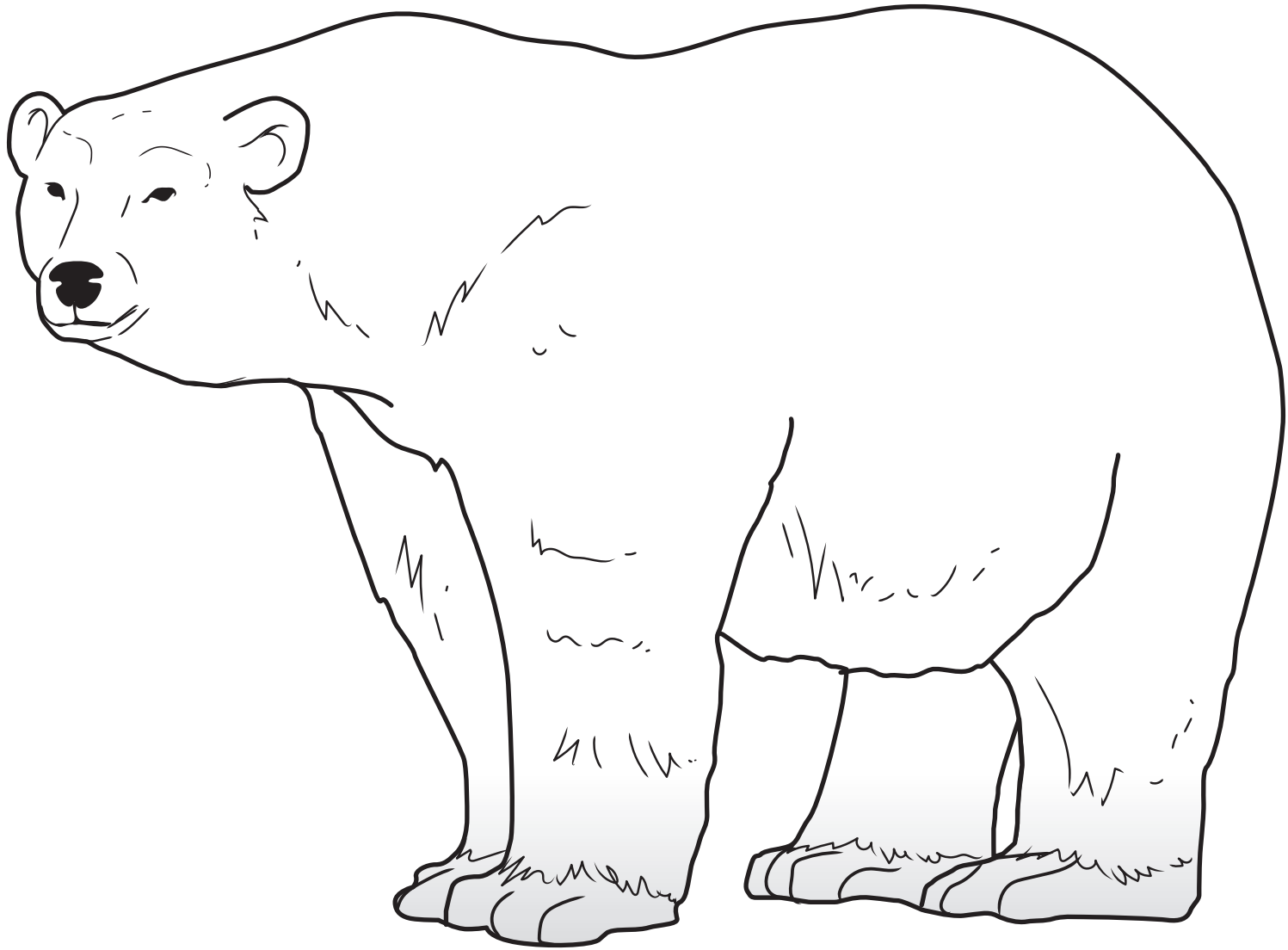


Canada goose



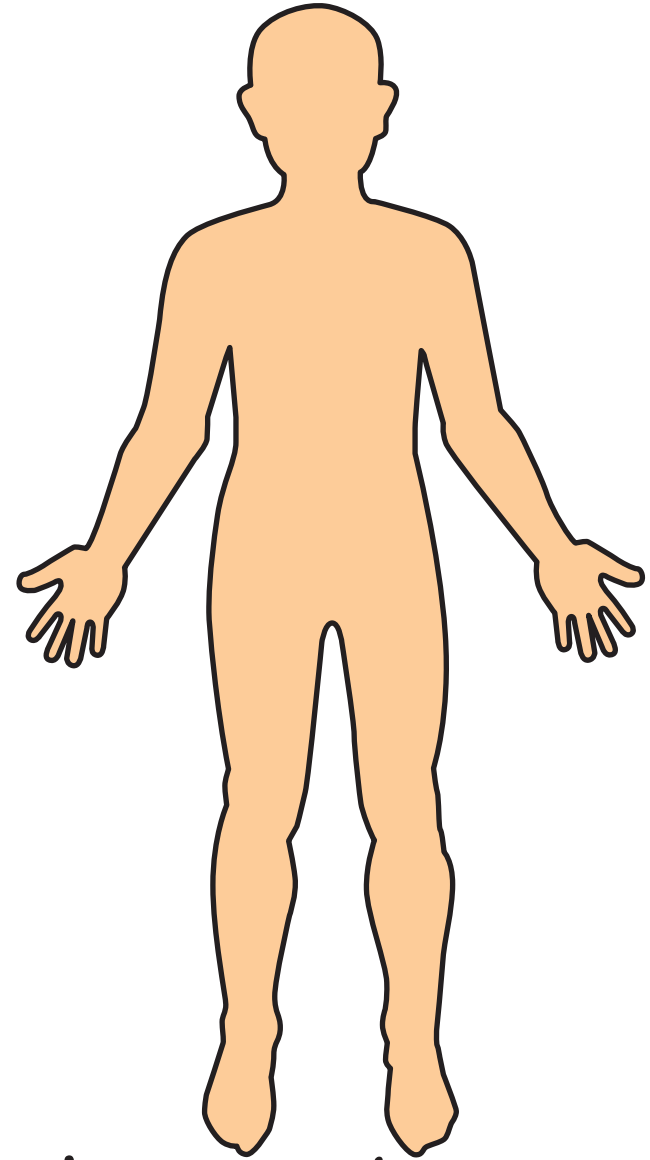
polar bear

10a





snowshoe hare



human being

11a

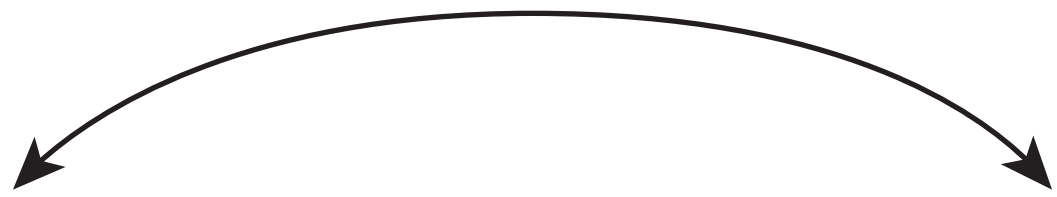


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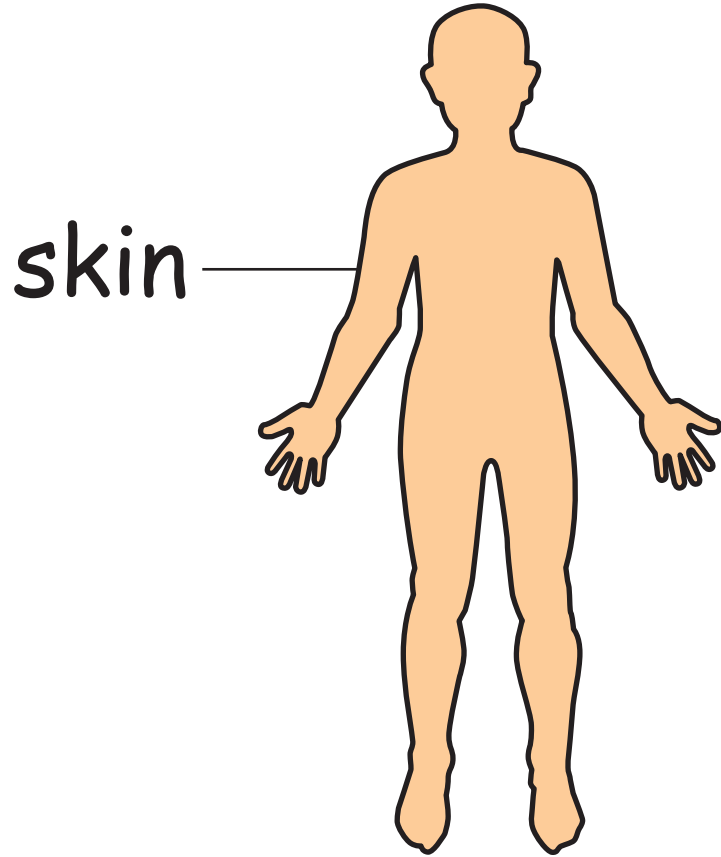
changes food into simpler molecules

brings oxygen to the lungs

guards against infection

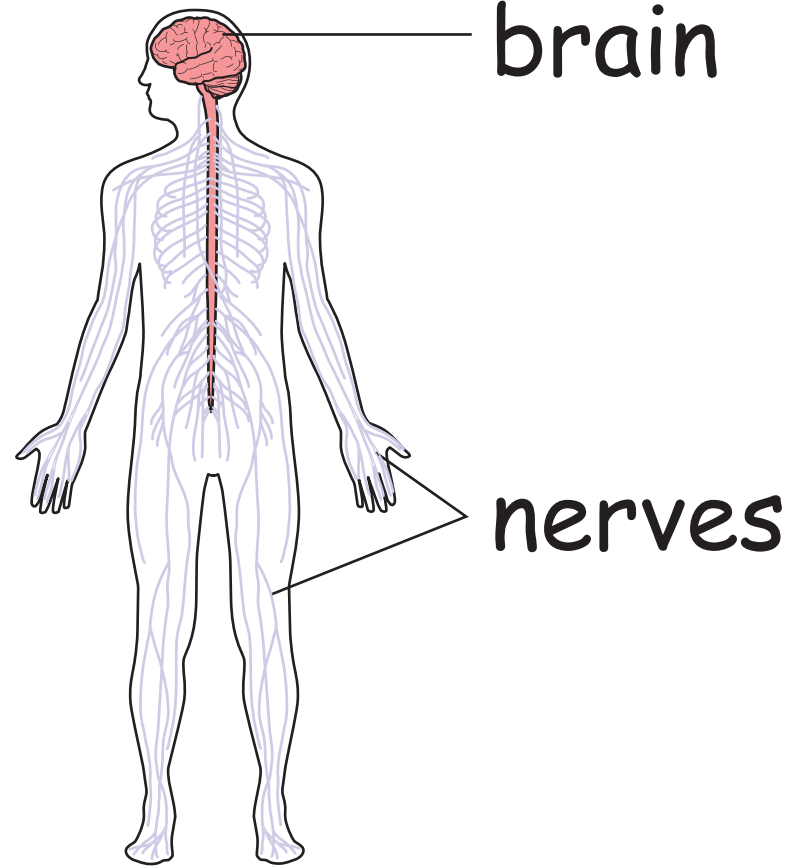


Integumentary System



skin

Central Nervous System



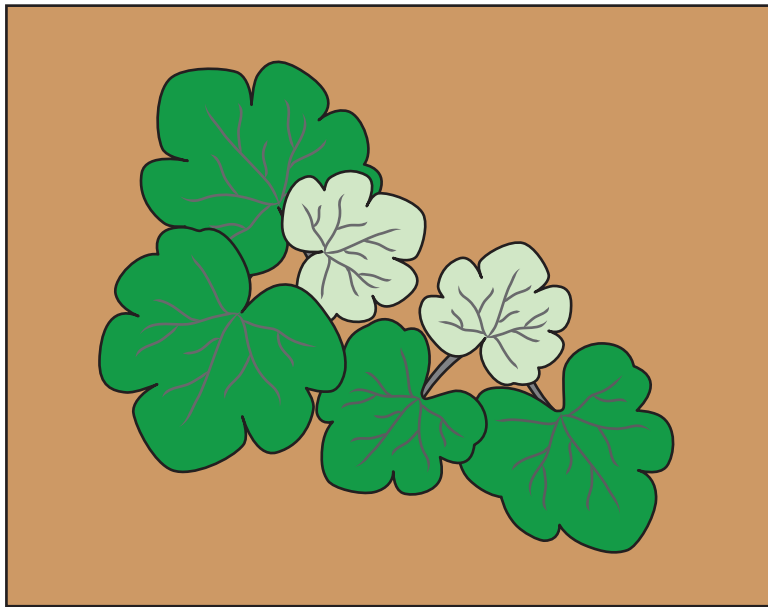
brain

nerves

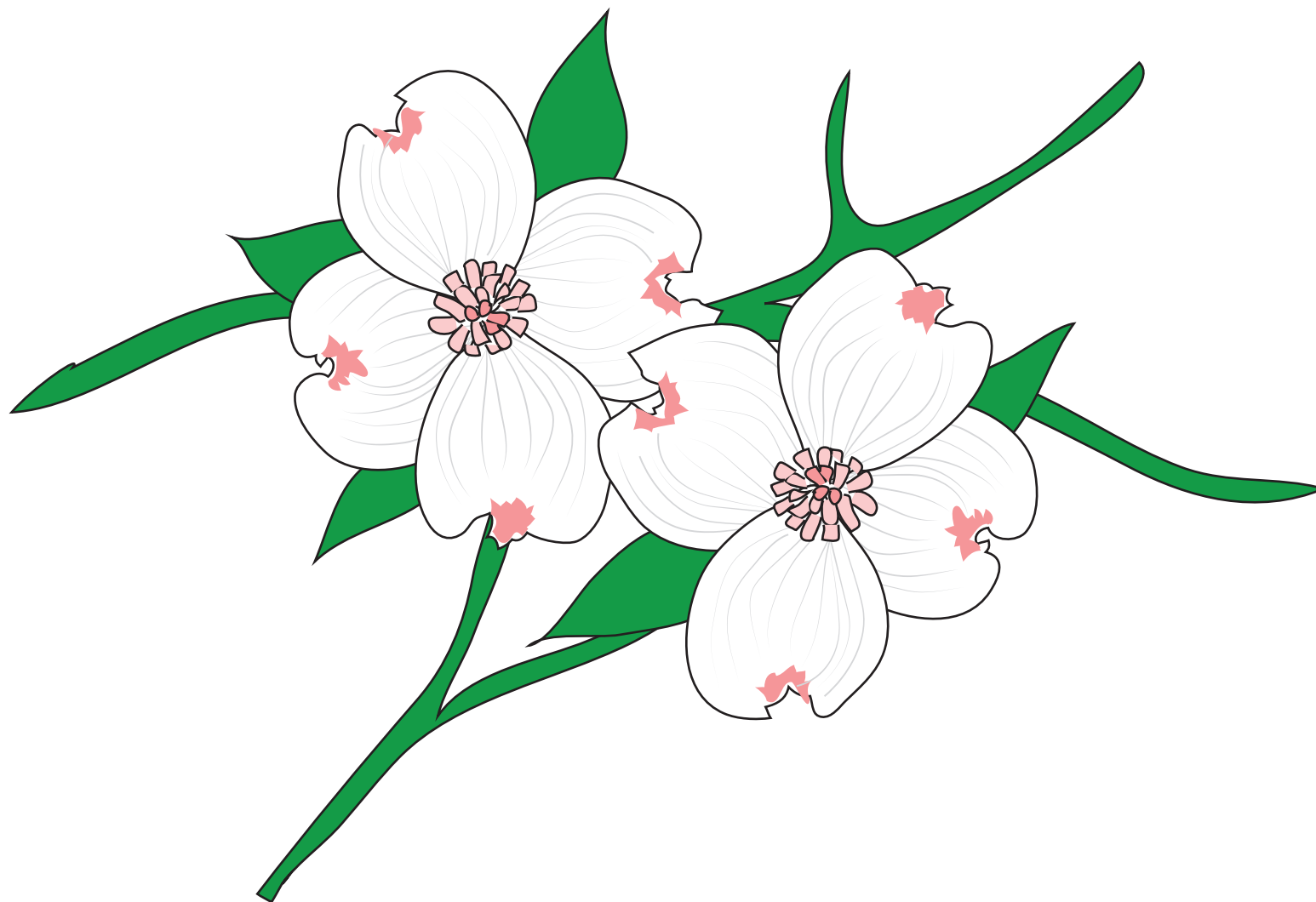
keep the internal organs in the proper place

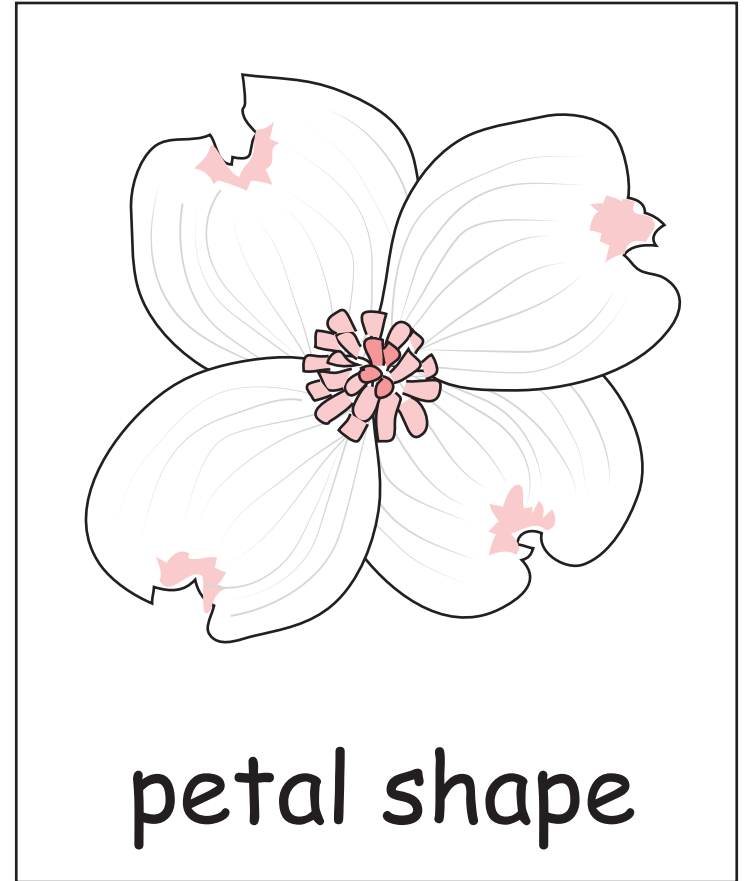
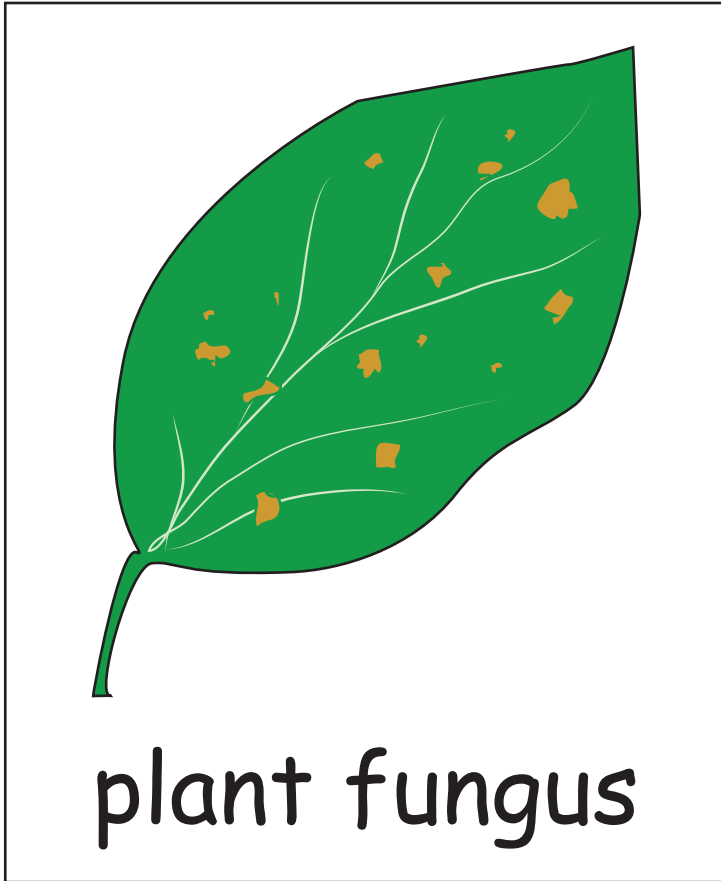
direct the body to respond to changes in the environment

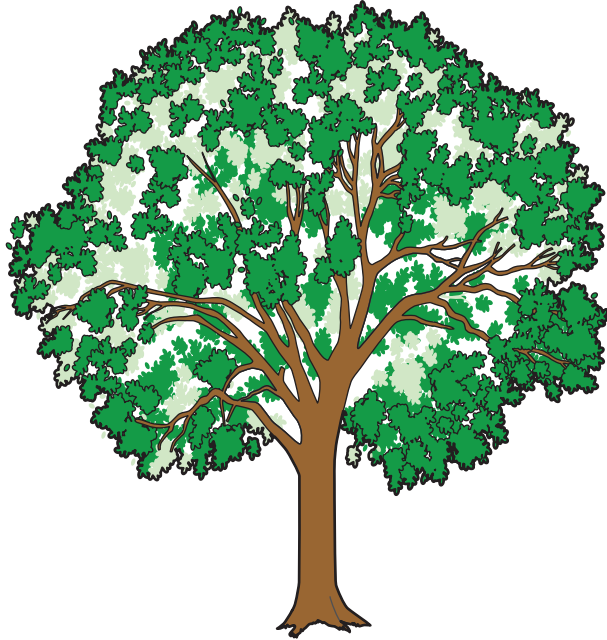
remove excess carbon dioxide from the body



14a







live oak tree
40-80 feet



coconut palm tree
60-80 feet

tree height

tree fungus

tree decay

Inherited Traits of Plants

- leaf shape
- plant height
- flower petal shape

whiskers on a cat

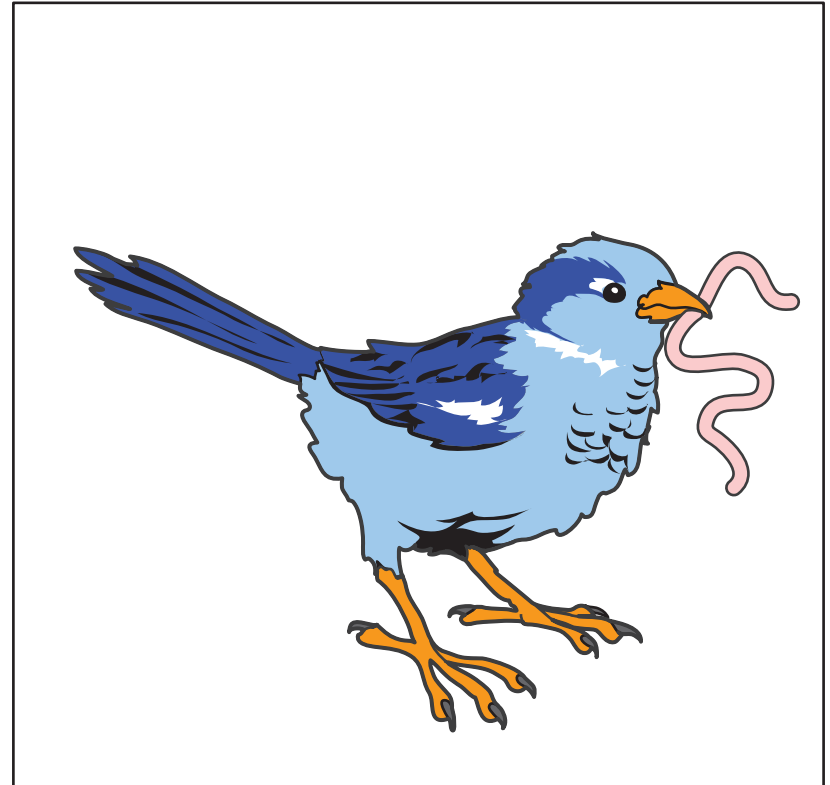
color of the flower

nutrients in the soil

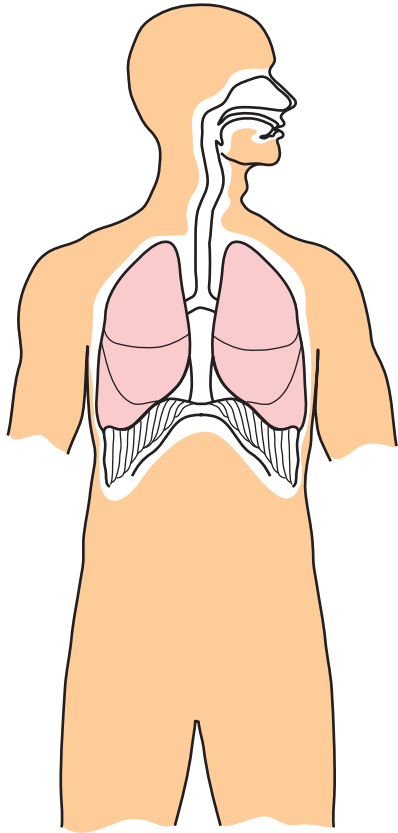


18a

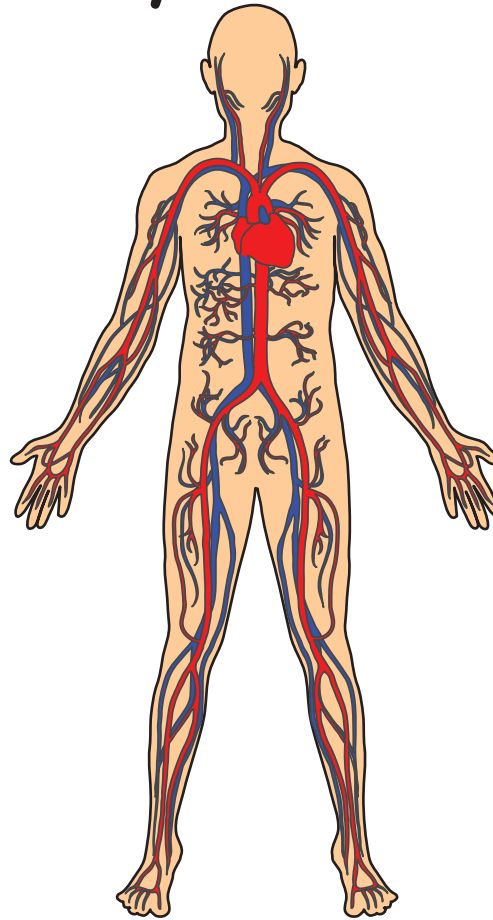




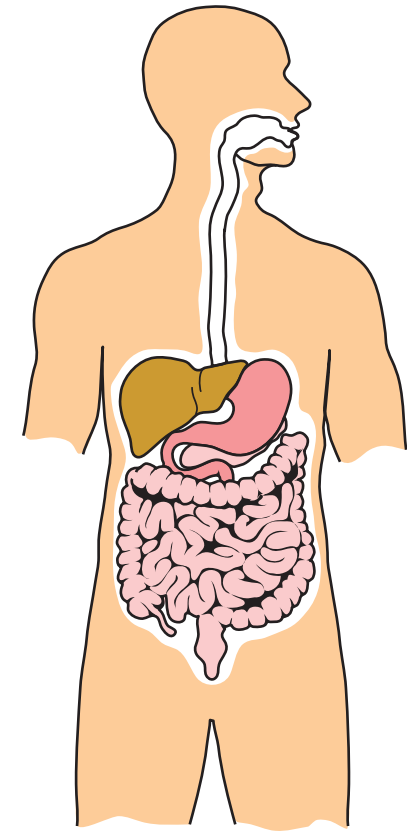
respiratory system



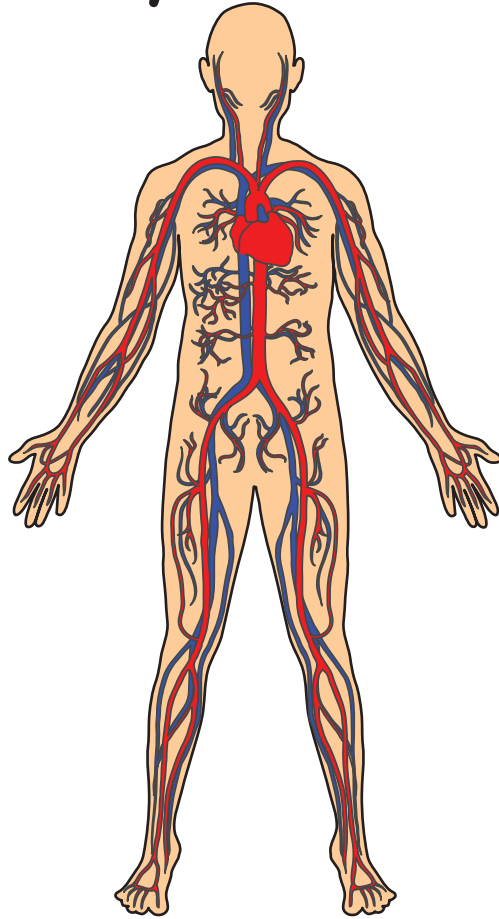
circulatory system



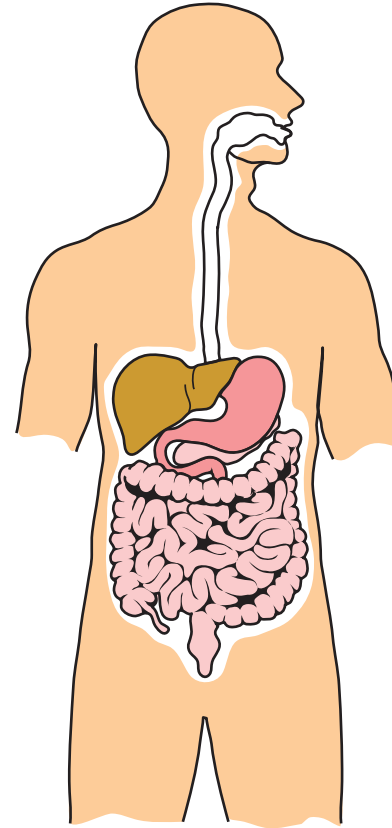
digestive system



circulatory system



digestive system



The digestive system breaks down nutrients, and the circulatory system moves these nutrients throughout the body.

The digestive system moves air from the circulatory system throughout the body.

The digestive system moves oxygen to the circulatory system, and the circulatory system pumps the oxygen throughout the body.

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