

Science Topic 7 Study Guide

structure	organized parts that work together
function	particular job
ovary	female reproductive part that produces eggs and provides a place for seeds to develop
vascular system	small tubes to transport nutrients
external	outer structure that are easy to see
internal	inside organism
cuticle	waxy outer covering of leaves
sepal	leafy part of plant that protects flower bud
stamen	male part of flower that produces pollen
pistil	female part of flower that receives the pollen
classify	to group

skeleton	support system that includes bones, gives shape, and helps in movement
heart	organ that pumps the blood
lungs	organ that provides oxygen to the blood and takes carbon dioxide from the blood
gills	organs in fish that extract oxygen from the water
brain	receives and interprets information
interprets	figures out meaning of
exoskeleton	hard outer covering that is waterproof
characteristics	quality or trait
extinct	no longer living
stimulus	nerve signal

Animals react to their environments when they receive a _____. The brain receives this signal, interprets it, and tells the body how to _____.	stimulus respond
The _____ is responsible for the way an animal responds to things it smells, hears, and touches.	brain
A plant scatters its _____ so it does not have to compete with water, sunlight, or other resources.	seeds
The _____ of the petals of a flower is to _____.	function attract pollinators
Humans have lungs, but fish have _____.	gills
The _____ pumps the blood around the body.	heart
The _____ gives shape and aids in movement.	skeleton

The _____ receives and interprets messages.	brain
The _____ breathe in oxygen and exhale carbon dioxide.	lungs
Internal structures are _____ and _____.	ovary xylem
External structures are _____, _____, _____, and _____.	roots, flowers, stamen, and stems
Thorns and bark help a plant by _____ and _____.	stopping predators from eating it and providing protection from harmful materials
Organisms that have a skeleton are _____, _____, and _____.	dogs, people, and horses
Animals that live on land have hearts that pump blood in _____. Animals that live in water have hearts that pump blood in _____.	two circles one circle
The _____ is a hard external covering that	exoskeleton

is _____ and _____ the internal structures.	waterproof and protects
Scales on a fish help _____ the animal from enemies.	protect
A dog that is lying in the sun and suddenly jumps up to chase a rabbit probably responded to _____ the rabbit.	smelling
Plant leaves have _____ to keep unwanted water from entering a plant, but animals use waterproof _____ to keep unwanted water out.	cuticles exoskeletons
When species of animals go _____, they no longer are living.	extinct