

Name: _____

Date: _____

Notes: Important Adaptations

The process describes how organisms with the best adaptations survive to reproduce?

What are three examples of what an adaptation helps an organism to do?

Defensive Adaptations

What do turtles and snails use for defense? _____

What do rhinos and elephants have for protection? _____

What do cacti and other plants have for defense? _____

What do dart frogs and poison ivy produce? _____

What helps a predator learn to avoid an animal? _____

Camouflage and Mimicry

What does it mean for an animal to *mimic* something? _____

How does camouflage help predators? _____

Why would an animal mimic a poisonous species? _____

Behavioral Adaptations

How do some populations arrange themselves? _____

Which members of a large group are usually eaten? _____

What are some words for *large groups of animals*? _____

What do we call it when populations travel large distances? _____

What are the main reasons that large populations would migrate long distances?

Predatory Adaptations

What do predators like tigers have to kill prey? _____

What do predatory *birds* have to kill prey? _____

What do predators like snakes and spiders use? _____

Herbivore Adaptations

What do herbivores have that helps them grind up plants? _____

Describe the beaks of herbivorous birds: _____

What do these beaks help these birds do? _____

Plant Adaptations

What resource is limited at the bottom of a forest? _____

What adaptation allows plants to *absorb more light*? _____

What allows plants to absorb more water in dry climates? _____

What root design helps plants absorb rain quickly? _____

Plants have adapted different ways of doing what? _____

What does spreading seeds out prevent? _____

What are some methods that plants might use to disperse their seeds across an ecosystem?

Specialization

What does it mean to be *specialized*? _____

How can specialization be beneficial? _____

How would becoming extremely specialized put a species at risk of extinction?
