

Name Answer Key  
Date \_\_\_\_\_

Science  
Life Science

Changes to Ecosystems FKA1 Study Guide

**\*\*FK on Tuesday, February 6th \*\***

Study these vocabulary words:

- Ecosystem
- Habitat
- Population
- Predator
- Prey
- Hibernation
- Migration

} Study vocab cards

Think about these:

How does building construction affect animals' ecosystems?

- animals ~~lose~~ <sup>lose</sup> their habitat
- trees/plants cut down (less oxygen)
- no food for animals
- decreases space for animals
- animals move to a new ecosystem

What can city people do to improve the ecosystem?

- make a rooftop garden:
  - food for animals/insects and people
  - more oxygen
  - cooler temperatures
  - gives a habitat to animals/insects

During a dry season (drought), how would animals survive?

- animals would migrate to wetter area
- food / water

Draw conclusions about <sup>desert</sup> ~~dessert~~ plants <sup>in</sup> and their habitat.

- ~~desert~~ - desert plants need very little water to survive

Name three ecosystems.

- a forest
- a ocean
- a pond
- a desert

Name three living parts of an ecosystem.

- animals
- mushrooms (fungi)
- plants/trees

Name three nonliving parts of an ecosystem.

- rocks
- water
- air
- cut down tree/plant
- sunlight

How do forest fires affect plants?

- first everything burns (plants & trees)
- seeds of some plants start to grow again

Name two ways animals prepare for winter.

- hibernate
- store food for winter (squirrels)
- migrate

Name two ways plants survive the winter.

- before plants die they drop their seeds to regrow in spring
- deciduous trees
  - ↳ take all the energy out of leaves and then drop the leaves

If an ecosystem goes through a drought and the stream dries up, will the fish survive? Explain.

No, because the fish need water to survive and fish cannot migrate.

In the same ecosystem mentioned above (dried up stream), will the animals that visit the stream for water survive? Explain.

Yes, because the animals would migrate. That means to move to meet basic needs.

Deciduous trees prepare for winter. How do they do this?

Deciduous trees suck the energy out of their leaves and then the leaves are dropped off the tree. The energy is stored in the trees' trunk to survive the winter.

