

*****PLEASE NOTE: You do not have to print this out unless you want to! Do the work in your notebook*****

Species Interactions Practice

First, read [pages 163-166 in our textbook](#) (must be logged into your nv.ccsd.net account to access the link). Then, identify which type of species interactions is described in the following problems. The answers may be used more than once. Your choices are:

a) Predation

b) Competition (discussed during lecture and found on pages 161-163)

c) Parasites/Parasitism

d) Herbivores/Herbivory

e) Mutualism

f) Commensalism

1. Two Rabbits live in the same garden. Their main source of food is carrots from the garden.
2. Deer in a forest consume plants, but not all the plants.
3. A Frog eating insects
4. A spider building a web on a tree.
5. Grass and Dandelions. Both plants try to get nutrients and water from the same area of soil
6. Humans want to build homes in the desert. Desert tortoises want to live in the desert.
7. The oxpecker (a bird) lives on a rhino, sustaining itself by eating all of the bugs and parasites on the animal.
8. Flea and dog. The flea sucks the dogs blood, causing the dog pain. The dog usually does not die.

9. Weeds take vital nutrients from corn on a farm because weeds are better at getting nutrients from soil
10. Mistletoe extracts water and nutrients from a Spruce tree, which harms the tree.
11. Ostriches and gazelles feed next to each other. They both watch out for predators and alert each other to danger. They each have distinct visual abilities and are able to see what the other cannot.
12. The cattle egret will eat insects that have been disturbed when the cattle forage.
13. A female cuckoo bird will lay its eggs in a warbler's nest. The cuckoo's young are bigger and more aggressive than the warbler and will kill the warbler chick's so that it is raised by the warbler.
14. The lamprey is a large invertebrate that attaches itself to a tuna fish. It scrapes a hole in the tuna's skin and sucks out blood, slowly killing the tuna.
15. Dogs supply protection and companionship and the humans provide food and shelter.
16. The gazelles of the African plains and eat the producers, but don't kill them.
17. Barnacles create their homes on the skin of whales. The whale is neither harmed nor helped.
18. A tick feeds on your dog
19. Dandelions are able to take over an entire lawn because they are better at getting nutrients from soil than most other plants

Interaction	Species 1	Species 2
Competition		
Predation		
Parasitism		
Herbivory		
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Commensalism		

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