

NAME Project

Partners Name _____

Each of you must hand in a completed sheet Environmental Science Research Project
O'Brien/ Crusis

Symbiosis is a close ecological relationship between the individuals of two (or more) different species. Sometimes a symbiotic relationship benefits both species, sometimes one species benefits at the other's expense, and in other cases neither species benefits.

Ecologists use a different term for each type of symbiotic relationship:

- Mutualism** -- both species benefit
- Commensalism** -- one species benefits, the other is unaffected
- Parasitism** -- one species benefits, the other is harmed
- Competition** -- neither species benefits
- Neutralism** -- both species are unaffected

STEP 1- In this research project you will choose a mutualistic, commensalistic or parasitic relationship.

STEP 1 response (write the relationship you choose) _____

STEP 2- Use the Internet to discover an example of two organisms interacting in the relationship.

STEP 2- (write the web site/sites you have used) _____

STEP 3- Write a paragraph in you and your partners own words about the interesting facts and dynamics of this relationship

STEP 3 response –(your paragraph)

STEP 4- Prepare to present and explain the relationship to the class.

The presentation must creative examples: You and your partner can choose to write a children's story, you can write a poem, you can write rap lyrics, you can prepare to perform a quick skit and write the screen play.

STEP 4 response – use the back of this sheet to write

SUGGESTED WEB SITES

http://en.wikipedia.org/wiki/List_of_symbiotic_relationships
List of symbiotic relationships

<http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/S/Symbiosis.html>

<http://www.ms-starship.com/sciencenew/symbiosis.htm>

http://necsi.org/projects/evolution/co-evolution/symbiosis/co-evolution_symbiosis.html