**Science Project: Types of Symbiosis**

**DUE DATE: Friday, November 3rd.**

Objective—Students will distinguish between the different types of symbiosis: parasitism, commensalism, and mutualism.

DIRECTIONS:

* Use 1 piece of standard size poster board (any color)
* Attach the rubric to the BACK of the project
* Title the poster in **BIG, BOLD**, letters: **Types of Symbiosis**
* After your title your project, divide your poster into 3 equal sections. (See the rubric page for an illustration.)
* Label each of the 3 section with the following **BOLD** headings: **Parasitism, Commensalism, Mutualism**
* Research each type of symbiosis. Find one example for parasitism, commensalism, and mutualism. You will need to put a picture for each type. (Use page 90 in your textbook OR page 56 in your workbook to help you. DO NOT use these examples for your project.) Your pictures can be out of a magazine, printed from the internet, an actual photograph, or a drawn picture.
* On a separate sheet of notebook paper, copy paper, note card, etc. NEATLY write OR type a small paragraph (3-6 sentences) explaining how the relationship is an example of the type of symbiosis. Glue this paragraph underneath the appropriate picture on your poster.
* Be sure that your paragraphs have complete sentences with correct capitalization and punctuation. Spelling will also count. Paragraphs should be in your own words. DO NOT use the exact text from a book or website unless you cite the source. This is PLAGIARISM.
* Your completed project SHOULD have a BIG, BOLD title at the top, 3 BOLD headings, 3 examples and pictures of symbiosis, and 3 neatly written OR typed paragraphs in your own words.

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Final Grade \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rubric for Grading:

Project is due on or before Friday, December 4, 2015.

10 points will be deducted from each day that the project is late.

\_\_\_\_\_\_\_\_\_/5 points for correct heading : **“Types of Symbiosis”**

\_\_\_\_\_\_\_\_\_/25 points for “Parasitism.” Must include a heading, a picture, and a

 paragraph (Spelling, punctuation, and capitalization will count)

\_\_\_\_\_\_\_\_\_/25 points for “Commensalism.” Must include a heading, a picture, and

 a paragraph (Spelling, punctuation, and capitalization will count)

\_\_\_\_\_\_\_\_\_/25 points for “Mutualism.” Must include a heading, a picture, and a

 paragraph (Spelling, punctuation, and capitalization will count)

\_\_\_\_\_\_\_\_\_/20 points for the oral presentation of the project. Please be

 prepared to describe your examples of symbiosis.

What should my poster look like?

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| --- |
| **Types of Symbiosis** |
| ParasitismPicture of parasitismParagraph explaining how this is an example of parasitism. | CommensalismPicture of commensalismParagraph explaining how this is an example of commensalism. | MutualismPicture of mutualismParagraph explaining how this is an example of mutualism |

**ATTACH THIS SHEET TO THE BACK OF YOUR POSTER!**