Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_

Aquatic Species Report

1. Choose 2 Aquatic Organisms for Report

Heterotroph: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Autotroph: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cover:

* Species names
* Original artwork showing both organisms and enviroment
* Student Name, Date, Integrated Science 2

Inside Page 1:

* Type a paragraph that describes organism 1 which includes:
* A description of the organism’s environment and significant factors in the environment
* Physical characteristics of organism and kingdom
* How energy is obtained by the organism
* The life cycle of the organism
* Method of reproduction for the organism
* Abiotic factors necessary for survival of the organism
* At least one quote with a parenthetic reference (name, date)
* APA citation
* Labeled picture or diagram

Inside Page 2:

* Type a paragraph that describes organism 2 which includes everything from Page 1 (above)
* At least one quote with a parenthetic reference (name, date)
* APA citation
* Labeled picture or diagram

Back:

* Summarize the interactions between the 2 organisms
* Make a food web for an aquatic ecosystem (pond) that includes the two organisms

Make sure that each paragraph includes all of the components listed above, is detailed, and includes a quote from a scientific source (not Wikipedia, blogs, yahoo.com, about.com, etc.).

**Honors/Extra credit**

Investigate the impact that a protist has on the human body.

Examples of protists are listed below.

* Giardia lamblia
* Cryptosporidium parvum
* Cyclospora cayetanensis
* Amoebae
* Pfiesteria Algae
* Trypanosoma
* Leishmania
* Plasmodium
* Toxoplasma
* Babesia

Your final draft should include:

* The habitat of the protist and area(s) most commonly found
* Connection to aquatic ecosystem
* The vector (means by which the protist enters the human body)
* Symptoms shown by the infected individual
* Treatment for infection by the protist
* Sketch of the protist
* Parenthetical reference and full APA citation