

Name: _____

Period: _____

Biology 10

Ecology Unit Grade Sheet

“C” Point Activities (max of 70)

_____ Take lecture notes (5 pts/day, max of 20 points)

_____ Complete Guided Reading Worksheets for Chapters 3-1, 3-2, 3-3, 3-4, 4-2, 4-3, 4-4, 4-5, 5-1, 5-2, 5-3 (5 points each)

_____ Choose one of the major land biomes, and create a Powerpoint presentation, or a web site with one home page and 2 linked pages describing it (include climate type, major vegetation, major animal groups, etc.) (10 points)

_____ Choose one of the nutrient cycles, and write a poem, song, or make a video presentation explaining it (10 points) (May be done with a partner)

_____ Write 20 possible test questions from Chapter 3, 4, or 5 (5 points per chapter)

_____ Create a set of flash cards using the vocabulary terms from Chapter 3, 4, or 5 (5 points per chapter)

_____ Create a poster diagramming a food web. Include at least 2 organisms from each trophic level (including decomposers) (15 points)

_____ Complete the “Introduction to Ecology” virtual lab on Biology.com. (5 points)

_____ Perform a short play or presentation describing succession (15 points) (Can be done as a group)

_____ Interview a member of Riverwatch, and write a 1 to 2 page paper summarizing what they do.

_____ Draw and color a world map indicating the areas of the major land biomes (5 points)

_____ Read an article pertaining to human’s impact on the planet, photocopy the article and attach a 1 page summary of it. (5 points)

_____ Interview an employee of the Solid Waste Department of Clay County, to find out how the county is planning ahead for our increasing population, and the programs implemented to help cut down on materials going to the landfill. Write a 1 to 2 page summary of your findings. (10 points)

“B” Level Activities (max of 15 points, must have 70 points from C level to qualify)

_____ Watch the movie “An Inconvenient Truth”. Write a 2 to 3 page paper summarizing Mr. Gore’s message, and whether or not you agree with him. You may do additional research to support/refute Mr. Gore’s findings. (5 points)

_____ Complete the “Invasive Species” virtual lab on Biology.com. Turn in the worksheets from the lab manual (also on Biology.com), (5 points)

_____ Complete the “Keystone Species” virtual lab on Biology.com. Turn in the worksheets from the lab manual (also on Biology.com), (5 points)

_____ Complete the “Competition” virtual lab on Biology.com. Turn in the worksheets from the lab manual (also on Biology.com) (5 points)

_____ Choose an endangered species. Research the species, and write a 2-3 page paper explaining why the species is endangered and what humans are doing to save it. (5 points)

“A” Level points (15 possible, must have at least one “B” activity completed to qualify)

_____ Native Americans were very good at using sustainable practices when gathering the necessities of life. Research one example of how Native Americans were able to avoid disrupting the delicate balance of nature, and write a 2-3 page paper on your findings. Include a bibliography, following the format preferred by your English teachers. PLAGARISM WILL NOT BE TOLERATED! If you’d rather, you may create a powerpoint and present it to the class. (10 points)

_____ Research one way that you can help the environment at home. Give a persuasive speech on your findings to the class. Explain why and how your method of helping the environment works, and how easy it is to implement. (10 points)

_____ Complete the Bottle Biology Lab, hand in a lab report covering all requirements (15 Points)

_____ Custom project of your design. Make sure you get prior approval before starting! (?? Pts)