**EVOLUTION CHILDREN’S BOOK**

HONORS BIOLOGY

50 LAB POINTS

**\*\*THIS RUBRIC MUST BE FILLED OUT BY YOU FIRST, COMPLETING A SELF-ASSESSMENT OF YOUR BOOK. PICTURES OF THIS RUBRIC FILLED OUT BY YOU, ALONG WITH A PICTURE OF YOU SHOWING THE COVER OF YOUR BOOK MUST BE TAKEN AND UPLOADED, USING THE FORM LINK ON THE BLOG, IN ORDER TO BE GRADED!!**

**DESCRIPTION**

You will be constructing (narrate and illustrate) a children’s book depicting the evolution of a trait throughout a population (not an individual or single family). You will choose an actual population of organisms OR make up a hypothetical population of make-believe things. Then, you will describe how a certain trait (good or bad) evolves into or out of the population due to an environmental change. REMEMBER! Individuals do not evolve, populations evolve through reproduction. You will then present your book by EITHER reading your book at a Zoom meeting OR uploading a presentation of your book to flipgrid.

**REQUIREMENTS AND RUBRIC**

\_\_\_\_\_\_\_\_\_\_\_/10: OVERALL APPEARANCE: **colored** and detailed drawings, **hand-written** story and drawn, eye-appealing, creative, **neat**

\_\_\_\_\_\_\_\_\_\_\_/12: VOCABULARY: accurate use of AT LEAST 6 of any vocabulary terms used in this unit (evolution), **list** the terms you have used below and **highlight** those terms in your book!

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_/16: PROCESS: thoroughly demonstrate understanding of evolution by describing a population

and tracing how an environmental change affects the expression of a trait through at least 3

generations of a population A. Detailed description of the population’s habitat

 B. Detailed description of the phenotypic variation within the population

 C. Environmental Change explained in the story to cause evolution in the

 population

 D. 3 generations represented 1st generation-before change,

 2nd generation-during change 3rd generation-after change

\_\_\_\_\_\_\_\_\_\_\_\_/12 PRESENTATION: Presentation of book OR on Zoom OR flipgrid was planned, organized, and well thought out. The student was clear and the book clearly explained how their chosen population showed evolution over 3 generations of time.