**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_**

**Evolution Project- Species Research**

You will examine the process of Evolution by choosing a species to illustrate the following six points: natural selection, variation, adaptation, speciation, competition, and overproduction. You will be picking a species you are interested in learning more about and will research the process of evolution in this species. Use the rubric below to create illustrations **OR** write an essay to present your project.\*\*EACH illustration MUST be at least ½ page of paper!! You MUST take pictures of your product and upload them to the form, using the link posted on the blog!

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| --- | --- | --- |
| Requirements | Points Possible | Points Earned |
| Project1. Scientific and Common Name of the species you chose
2. Identify the biome your species lives in, including 3 abiotic and 3 biotic factors
3. SUMMARIZED definitions of natural selection, variation, adaptation, speciation, competition, and overproduction
4. A HAND DRAWN **picture** of your species demonstrating **natural selection** with a caption describing it **OR** a **paragraph** explaining natural selection and how your species exhibits this character of evolution. (3-4 COMPLETE sentences)
5. A HAND DRAWN **picture** of your species demonstrating **variation** with a caption describing it **OR** a **paragraph** explaining variation and how your species exhibits this character of evolution. (3-4 COMPLETE sentences)
6. A HAND DRAWN **picture** of your species demonstrating **3 different adaptations** with captions describing each **OR** **3 paragraphs** explaining each of these adaptations and how your species exhibits this character of evolution. Make sure to describe the **benefits** of the adaptations to the species and how the species uses it to survive in its environment.
7. A HAND DRAWN **picture** of your species demonstrating **speciation** **OR** a **paragraph** explaining speciation and how your species exhibits this character of evolution. (3-4 COMPLETE sentences)
8. A HAND DRAWN **picture** of your species demonstrating **competition** **OR** a **paragraph** explaining competition and how your species exhibits this character of evolution. (3-4 COMPLETE sentences)
9. A HAND DRAWN **picture** of your species demonstrating **overproduction** **OR** a **paragraph** explaining overproduction and how your species exhibits this character of evolution. (3-4 COMPLETE sentences)
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| Presentation and Product* Presentation of illustrations **OR** essay on Zoom OR flipgrid was planned, organized, and well thought out. The student was clear and explained how their chosen species has exhibited each of the characters of evolution.
* The illustrations were creative, neat, colorful and detailed **OR** the essay was creative, neatly hand-written or typed, grammatically correct and thoroughly described each component of the project.
 | 12 |  |
| TOTAL | 100 |  |