**PBS Evolution Video Project**  Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Scoring Rubric: each questions counts for 5 points.

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|  | Basic | Proficient | Advanced |
| Expression of ideas and thoughts | Ideas are vague and not well supported by evidence from the video (1pt) | Ideas are expressed and concrete. Ideas are supported by personal thoughts and evidence from the video (2 pts) | Ideas expressed and concrete, show depth of thought, and are well supported by evidence from the video (3 pts) |
| Writing Clarity in regard to opinions and conclusions | The question of the essay is not answered. Opinions are wandering and unfocused (0 pt) | The question is answered clearly, opinions are well supported (1 pt) | Question is answered clearly, writer clearly defends position with thoughts and evidence (2 pts) |

**Answer each video question on a separate sheet of paper with a full paragraph (at least 5 sentences)**

Video 1: Isn’t evolution just a theory?

*Prompt*: Is it correct to say that evolution is JUST a theory? What is a scientific theory? How does evolution fit this definition?

Video 2: Who was Charles Darwin?

*Prompt*: Why was Darwin considered to be a “revolutionary”?

Video 3: How do we know evolution happens?

*Prompt*: Describe the transitional fossils associated with whale evolution. Include specific examples of these fossils and explain why they are considered to be whale ancestors.

Video 4: How does evolution really work?

*Prompt*: Describe the process of natural selection and how it affects hummingbird populations.

Video 5: Did humans evolve?

*Prompt*: Explain how DNA sequences are used to provide evidence of common ancestry.

Video 6: Why does evolution matter now?

*Prompt*: Why is the theory of evolution an important theory for doctors and the field of medicine? How does the theory affect the way illnesses and treatments are approached?

Video 7: Why is evolution controversial?

*Prompt*: Many mainstream religions do not find a conflict between faith and evolution. Is it possible for people of religions faith to reconcile their beliefs with the scientific theory of evolution?