

Name: _____

Evolution PBS Video Responses

Color code the responses assigned to you in Google Classroom. Mark the score on each response.

Grading of Answers – Video 1			
	Beginning	Knowledgeable	Exemplary
Expression	Ideas are vague and not well supported. Answer includes one to two of the ideas below. (1pt)	Ideas expressed are concrete and supported by thoughts and evidence. Answer includes 3 ideas listed below. (2 pts)	Ideas expressed are concrete, show depth of thought, and are well supported. Answer includes all 4 ideas listed below.(3 pts)
Ideas that should be included: 1. The theory of evolution is NOT just a theory. (red) 2. Scientific theories are supported by inferences, hypothesis, laws, and observations. (orange) 3. Gravity is NOT just a theory. (yellow) 4. There is a lot of observable evidence for gravity, despite not being able to see it. (green)			
Clarity	The question of the essay is not answered, opinions are meandering and unfocused (1 pt)	The question is answered clearly and thoughtfully, focus is somewhat lacking. (2 pts)	The question is answered clearly and thoughtfully, writer maintains focus and clearly defends position. (2 pts)
			Total Possible: 5 pts per essay

Grading of Answers – Video 3			
	Beginning	Knowledgeable	Exemplary
Expression	Ideas are vague and not well supported. Answer includes one to two of the ideas below. (1pt)	Ideas expressed are concrete and supported by thoughts and evidence. Answer includes 3 ideas listed below. (2 pts)	Ideas expressed are concrete, show depth of thought, and are well supported. Answer includes all 4 ideas. (3 pts)
Ideas that should be included: 1. Sinonyx had a wolf like body with 4 limbs, and may have spent its life near the water. (red) 2. Pakicetus had a wolf like skull with a whale ear bone. (orange) 3. Basilosaurus had mobile knee and and hind limbs. (yellow) 4. The transition of these fossils shows more whale like features as you go from Sinonyx to Pakictus, to Basilosaurus. (or the reverse shows more wolf /land animal features). (green)			
Clarity	The question of the essay is not answered, opinions are meandering and unfocused (1 pt)	The question is answered clearly and thoughtfully, focus is somewhat lacking. (2 pts)	The question is answered clearly and thoughtfully, writer maintains focus and clearly defends position. (2 pts)
			Total Possible: 5 pts per essay

Grading of Answers – Video 4			
	Beginning	Knowledgeable	Exemplary
Expression	Ideas are vague and not well supported. Answer includes one to two of the ideas below. (1pt)	Ideas expressed are concrete and supported by thoughts and evidence. Answer includes 3 to 4 ideas listed below. (2 pts)	Ideas expressed are concrete, show depth of thought, and are well supported. Answer includes all 5 ideas listed below. (3 pts)
Ideas that should be included: <ol style="list-style-type: none"> 1. Natural selection is the result of natural variation, overproduction of offspring, struggle for existence, and differential survival and reproduction. (red) 2. In hummingbird populations there is variety in the beak length. Some have long bills and others have short bills. (orange) 3. Hummingbirds produce dozens of offspring, but only one or two may survive. (yellow) 4. Hummingbirds compete with each other for nectar to survive. (green) 5. Due to difference in the population some hummingbirds survive and reproduce where others less suited to the environment (flower size and shape) do not. (blue) 			
Clarity	The question of the essay is not answered, opinions are meandering and unfocused (1 pt)	The question is answered clearly and thoughtfully, focus is somewhat lacking. (2 pts)	The question is answered clearly and thoughtfully, writer maintains focus and clearly defends position. (2 pts)
			Total Possible: 5 pts per essay

Grading of Answers – Video 6			
	Beginning	Knowledgeable	Exemplary
Expression	Ideas are vague and not well supported. Answer includes one to two of the ideas below. (1pt)	Ideas expressed are concrete and supported by thoughts and evidence. Answer includes 3 ideas listed below. (2 pts)	Ideas expressed are concrete, show depth of thought, and are well supported. Answer includes all 4 ideas listed below. (3 pts)
Ideas that should be included: <ol style="list-style-type: none"> 1. Evolution is important for doctors and medical professionals because it relates to antibiotic resistance. (red) 2. Microbe (ie bacteria) populations are impacted by the use of antibiotics. (orange) 3. Surviving populations of microbes (bacteria) are more resistant after the use of antibiotics. (yellow) 4. Treatments should not include overusing or misusing antibiotics as the more they are used the more likely they are to evolve defenses against the antibiotics used to kill them. (green) 			
Clarity	The question of the essay is not answered, opinions are meandering and unfocused (1 pt)	The question is answered clearly and thoughtfully, focus is somewhat lacking. (2 pts)	The question is answered clearly and thoughtfully, writer maintains focus and clearly defends position. (2 pts)
			Total Possible: 5 pts per essay

Bonus:

Assign and extra point if responses were written for Video 2, 5, or 7.

Video 2 _____(1pt)

Video 5 _____(1pt)

Video 7 _____(1pt)

Total Points Earned:_____ Name on Paper Scored: _____