

Biology: Evolution Essential Questions

Name: _____

Clear, concise, accurate answers to the following questions are due by BOC **Friday, October 25th**

1. What patterns in nature does the theory of evolution aim to explain?
2. List and define the mechanisms of evolution?
3. How does excess population growth drive evolution?
4. Explain speciation and relate it to Earth's Biodiversity.
5. What Bio-geographical evidence supports evolution?
6. How does embryology support evolution?
7. How does morphology support evolution?
8. How do vestigial structures support evolution?

9. Explain how advances in genetic technologies provide new evidence for evolution.

10. Explain how understanding evolution is important in medicine.

11. Explain how understanding evolution is important in agriculture.

12. Did humans evolve from Apes? Explain.

13. How do *Hominid* skulls provide evidence of evolution?

14. What is your biggest question in regards to evolution?