

AP Biology 011 – The Origin of Life – Scientific Evidence Video Review Sheet

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1. What is “Canyon Diablo”?
2. When did life start?
3. The name Hadean era was named after and why?
4. What is a stromatolite?
5. What type of cell came first?
6. Once we had photosynthesis what was pumped into the environment?
7. What type of atmosphere started developing?
8. Eukaryotic like then _____ life.
9. Where does the evidence come from to know all this material?
10. Describe/Summarize the experiment that Miller-Urey did:
11. What did Jeffrey Bada look at and what did he find?
12. Pause the video, what characteristics are shared by all life on our planet?
13. What is the name of the common ancestor that has all of these characteristics?
14. What % of our DNA is shared with a banana?
15. Statistically, what % would be shared if it was just random chance?
16. What is happening to the universe?
17. To life?
18. What separates us from all the other organisms on the planet?