

"EARTH The Power Of The Planet - Atmosphere" video with Dr. Iain Stewart, produced by the BBC and National Geographic

1. At what elevation does the atmosphere become too thin to breath? _____
2. How Many primary layers are there in the atmosphere? _____
3. What layer of the atmosphere do we live in? _____
4. What would happen to Iain if he wasn't in a pressurized airplane as he flew to the bottom of the stratosphere? _____
5. Name at least two unique features of the stratosphere. _____
6. At what elevation did John Kittinger jump from and in what year? _____; _____
7. What should the atmosphere be considered to behave like? _____
8. How much force does the air put on us? _____
9. What moves in the atmosphere to create the weather? _____

10. Where does the warm moist air mass over the Andes Mountains in Argentina come from? _____
11. Where does the cold air mass over Argentina come from? _____
12. What is lightening that reaches up instead of down called? _____
13. What created oxygen in the prehistoric atmosphere? _____
14. Why were the Spanish women unable to have children after they immigrated to the Andean Mountains? _____
15. What gases are more important than oxygen for life on Earth? _____ Why? _____
16. What does permafrost do when it melts? _____
17. What is causing the temperatures to rise so quickly in Siberia? _____
18. How much more reactive as a greenhouse gas is methane than carbon dioxide? _____

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