

Name: _____ Period: _____

One Strange Rock - "Gasp"

1. According to Will Smith, what is it that we take for granted?
2. While Chris Hadfield was on his space walk, why was it so dangerous that his eye started tearing up?
3. What did he have to do to fix the problem?
4. What makes Dallol, Ethiopia so lifeless? Explain the conditions.
5. What living organism was found in a lake of acid in Dallol?
6. What does this organism live off of and why can't it grow larger than the size of a pin head?
7. How does oxygen allow for larger organisms?
8. What is the desert in Danakil Eastern Africa made of?
9. Why do we rely upon the desert?
10. How much oxygen does one tree in the Amazon rainforest produce?
11. How large is the Amazon rainforest?
12. Why doesn't the oxygen leave the rainforest?
13. What is being sucked up from the forest floor?
14. What happens when water reaches the sky?
15. What happens with the River of Clouds reaches the Andes Mountains?
16. What is the secret to Earth's supply of oxygen?

17. How does the diatom population change daily?
18. What causes some of the different colors that are seen in the oceans?
19. What does it sound like when ice hits the sea?
20. What is the perfect diatom food?
21. What happens when glaciers become dormant?
22. When diatoms die, what is it called as their carcasses fall to the bottom of the ocean?
23. What is the dust from the sand storms in Eastern Africa made of?
24. What do most people suffer from in La Riconada, Peru?
25. How much oxygen can be found at that elevation?
26. Why do people continue to live there?
27. What is hypoxia?
28. What was the earth like 300 million years ago when there was more oxygen?
29. What percent of the atmosphere is oxygen?
30. What does the Buddhist festival of Magha Puja celebrate?
31. "We're all _____ on the same ship." ~ Chris Hadfield