



- QUESTIONS -

1. What are the three R's?
2. What is the problem with the 3 R's?
3. What type of economy do we live in presently?
T_____ M_____ W_____
4. Why might it be worse to recycle paper than just create new paper?
5. What do you know about global deforestation?
6. Which continent has seen the most deforestation in history?
7. Which continent has seen the greatest rise in forestation?
8. Which country has seen the greatest rise in forestation?
9. Which area has seen the net deforestation between 1982-2016?
10. Since 1982 has the world seen a net gain or loss in forestation?

11. Why is deforestation a problem for the planet?
12. What does '*carbon footprint*' refer to?
13. Which nation has the largest ecological footprint?
14. What is the concept behind Cradle to Cradle?
15. What are the 5 requirements for a product to be considered a Cradle2Cradle product?
16. Give an example of a Cradle2Cradle product that we have studied
17. What is smog?
18. What is acid rain?
19. Name two greenhouse gases
20. What is the greenhouse effect?
21. What is the function of the ozone layer?
22. What is the present level of CO₂ in the atmosphere?
23. What was the level of CO₂ during the Jurassic period?
24. What do you know about the trend in CO₂ levels throughout the past 500 million years of the planet's history?
25. What levels of CO₂ are perfect for plants to thrive in?
26. What level of CO₂ is life-threatening for plants?
27. What was the CO₂ level a hundred years ago?
28. In what ways is CO₂ bad for environment?
29. In what ways is CO₂ good for the environment?
30. In what ways can you reduce CO₂?

31. Which part of the world is suffering the most scarcity of water?
32. What are some of the solutions for increasing the amount of available water?
33. In what ways could reduce your water use at home?
34. What are some of the pros and cons of a desalination plant?
35. In which year did Catalunya suffer a water crisis?
36. Give some examples of renewable energies
37. What are the pros and cons of renewable energies?
38. What are the pros and cons of nuclear energy?
39. How is nuclear energy produced?
40. Does nuclear energy contaminate?
41. How many years of uranium does the planet possess?
42. What problems do solar farms provoke?
43. What problems do wind farms cause?
44. What do you think is the solution for the future of energy?
45. What is the future of the car: electric, hydrogen or something else?
46. In what ways is the electric car better than the hydrogen car?
47. In what ways is the hydrogen car better than the electric car?
48. Is it possible to live and emit zero emissions? Why?

49. What was Bill Gates' concept of 'Innovating to Zero'?
50. What is Bill Gates' idea of Terrapower?
51. What is soil degradation?
52. What are the five principle ways in which soil degradation occurs?
53. What is a wave reactor?
54. What is biodiversity?
55. What were the three strategies proposed by the 1992 Earth Summit to combat biodiversity loss?

