



Using Resources - quick fire questions

This worksheet is fully supported by a video tutorial; <https://youtu.be/xBUXqfa2gHo>

1. What different ways can humans use the Earth's resources?
2. Give 3 resources we get from the Earth.
3. Define finite resource.
4. Define renewable resource.
5. How do you produce portable water?
6. How do you sterilise water?
7. How do you desalinate water?
8. Why do we need to develop new methods to extract materials from the Earth?
9. What is bioleaching?
10. What is phytomining?
11. How do we assess the impact of an object?
12. How do we analyse a life-cycle assessment?
13. How can you reduce amount of resources used?

Chemistry Only

14. What is rusting?
15. How can we prevent corrosion?
16. What is the structure of an alloy?
17. How does the structure of an alloy relate to its properties?
18. What is the composition of most of the glass we use?
19. What are clay ceramics?
20. How do the structure of polymers link to their properties?
21. What is the Haber process used for?
22. In the Haber process, where does the nitrogen and hydrogen come from?
23. In the Haber process, what are the conditions needed