

### **Physical and Chemical Changes (Page 28-30)**

Matter can be grouped as metals and non-metals. When different metals are mixed together it is called an alloy

1. Give two examples of how matter changes
2. What is physical change and give 2 examples
3. Describe the different changes of state.
4. Are physical changes easy to reverse? Give an example.
5. What is a chemical change? Give 2 examples.
6. Are chemical changes easy to reverse? Give an example.
7. What are some clues as to whether a chemical change has occurred? If one of the clues is present, does it mean that a chemical change has definitely taken place?
8. Do question 2 on page 30.

### **Corrosion (Pages 34-35)**

9. What is corrosion?
10. Is corrosion an example of a chemical or physical change? Explain
11. Describe rusting.
12. How can corrosion be prevented? Give 2 ways.
13. How is an oxide formed?

### **Combustion (Pages 38, 39)**

14. What is combustion?
15. What are the 3 things needed for combustion?
16. What are fossil fuels? Give two examples.
17. How do fossil fuels form?
18. Describe the word equation of fossil fuels. In this equation what are the reactants and what are the products.
19. What are hydrocarbons?
20. Why should you never operate a gas or charcoal barbecue inside a building?
21. Question 3 page 39.