

### **Group 2 Metals Research Task:**

Do some research and write a short paragraph about the uses of Group 2 metals in the following applications. You can include equations if you wish.

- 1) How is Mg involved in the extraction of Titanium?
  
- 2) Why do plants need a supply of magnesium ions to survive?
  
- 3) What is 'milk of magnesia' used for?
  
- 4) What is a 'barium meal'?
  
- 5) How is calcium hydroxide used in the farming/agricultural industry?
  
- 6) Which compound containing a group 2 metal is used to test for the presence of sulphate ions? Give its chemical formula.
  
- 7) Which compound containing a group 2 metal is used to test for the presence of carbon dioxide gas? Give its chemical formula.