

Group 2 reactivity

Pre-lesson assignment p106-107.

Make notes on the reactivity of group 2

Use the following questions as guidance.

1. What is the general trend in reactivity in group 2?
2. Write equations to show how the oxidation state in group 2 metals changes during...
 - a. Use as a reducing agent
 - b. Reaction with oxygen
 - c. Reaction with water
 - d. Reaction with dilute acid.
3. Use the ionisation energies of group 2 metals to explain the trend in reactivity.