

Acid rain

This task is about carrying out and recording the results of an investigation.

Acid rain can cause problems to many buildings. When acids react with some metals they form hydrogen gas, and a metal compound, such metals corrode.

Acids react with carbonate compounds to form carbon dioxide gas, and rocks with carbonates in them will wear away or crumble.

Materials:

Copper, aluminium, iron, steel, marble, concrete, brick, wood, galvanised iron, lead.

Method:

- Place a small piece of each material on a spotting tile.
- Draw up a table in the space below to show your observations.
- Add 4 drops of dilute hydrochloric acid (the acid rain) to each material.
- Write your observations in your table.

Write a conclusion about which materials would be affected by acid rain.
