

# Acid rain

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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.

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