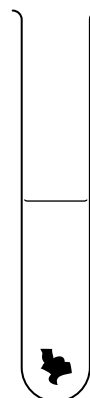


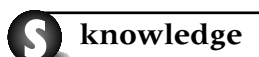
Acids can be corrosive. Acids react with many substances to form new materials. One of these materials is often a gas.



- 1
 - a How would you know if a gas was being produced in a reaction?
 - b Copy this test tube, and draw what you would see if the reaction was producing a gas.
- 2
 - a Describe how you would test a gas to see if it was hydrogen.
 - b How would you know whether or not the gas was hydrogen?
 - c Write a list of the apparatus you would need.
 - d What safety precautions should you take when doing this test?
- 3
 - a Describe how you would test a gas to see if it was carbon dioxide.
 - b How would you know whether or not the gas was carbon dioxide?
- 4 Look at the list of substances below.
 - a Write down two substances that would react with an acid to produce hydrogen gas.
 - b Write down two substances that would react with an acid to produce carbon dioxide gas.
- 5 Rainwater is a weak acid.
 - a What can rainwater do to metals like iron?
 - b What can rainwater do to rocks like limestone?



calcium oxide	calcium carbonate	iron oxide
magnesium	magnesium carbonate	magnesium oxide
aluminium	sodium chloride	



knowledge