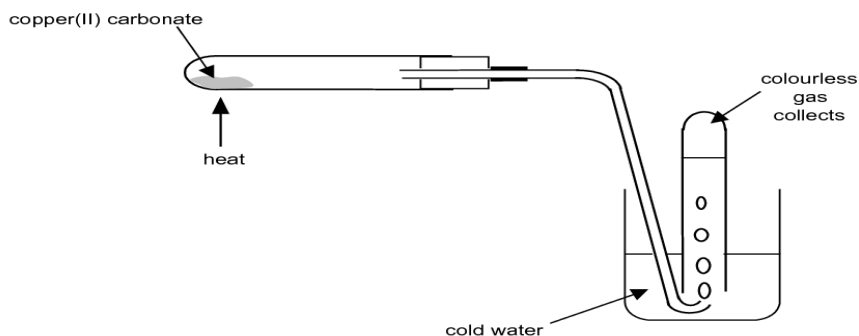


## LONGMAN GCSE CHEMISTRY WEB WORKSHEETS

### 16: Laboratory safety

Two students were doing an experiment to investigate the effect of heat on copper(II) carbonate. They had already heated some in a test tube and found that it lost mass. They thought that this was because a gas was given off. This experiment aims to collect some of the gas.



You have to be very careful during an experiment like this to avoid "suck back". If you stop heating while the delivery tube is still under the water in the beaker, there is a danger of water sucking back into the hot test tube and cracking it.

#### What you have to do

Draw a series of sketches in the form of a strip cartoon to illustrate all the dangerous things that you could do in carrying out this experiment. You needn't restrict yourself to dangers in this particular experiment, but could include not wearing eye protection, catching fire to your notes, eating in the lab, and so on. Use "balloon" speech if it helps.

You might want to add a short commentary under each sketch - if you can do this in rhyme, so much the better. If your drawing skills aren't great, keep it simple - draw stick characters for example.

