

Science @ Springwood

- Welcome year 6 to Science @ Springwood
- Today we will look at safety in Science and use of Bunsen Burners
- Who's excited?



Outcomes.....

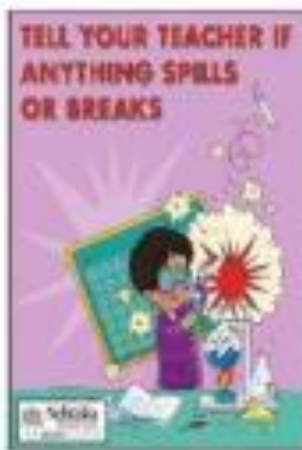
- Be able to list safety precautions in a lab
- Be able to explain why we need to be safe in a lab
- Be able to describe how to safely light a Bunsen burner
- Be able to safely carry out an experiment

- What is wrong in the next picture?
- How many can you find?



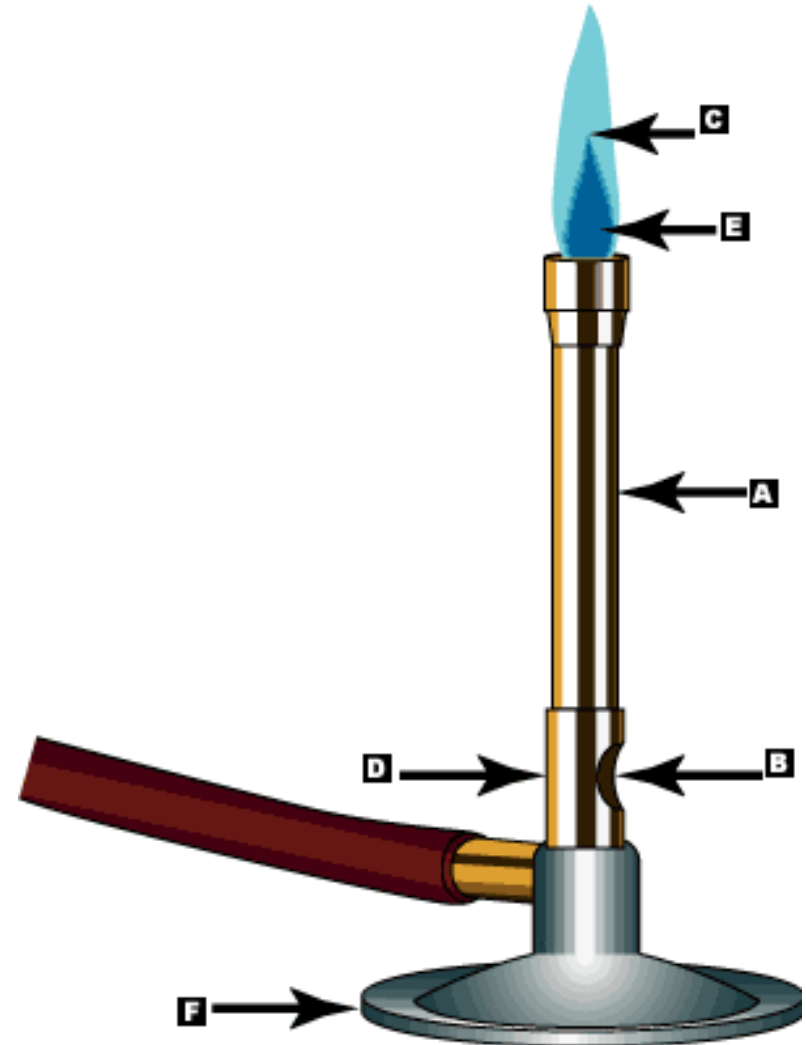
How can we be safe
in Science





Bunsen burner

- Air hole must be closed when lighting it
- Do not turn gas on until you have a lit splint near
- Hair tied up
- Goggles on
- Jumpers/sleeves rolled up



Flame tests

You are going to find out what colour flame each metal creates

The metals you will be testing are:

- Copper
- Lithium
- Sodium

Your teacher will demonstrate Magnesium

Results



Summer task

KS2 – Year 6 Competition

Safe in Science Poster

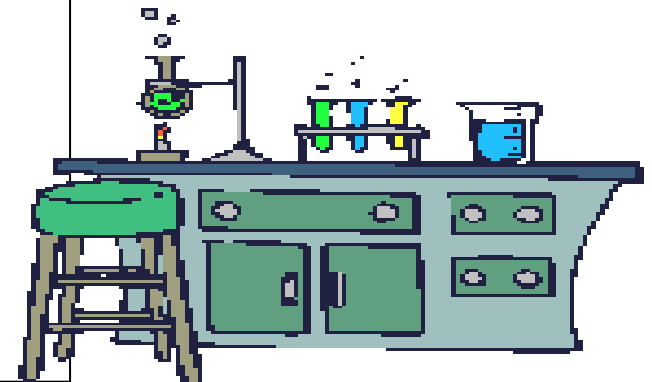
This is due in on
your first
Science lesson in
September

Task:

It is your job to help prevent accidents in the Science laboratory by informing others of the school lab rules. This task needs to be completed in an imaginative and interesting way.

You can approach this challenge from any direction you like but your homework must include at least one rule of the school science laboratory.

See the next two pages for more information.



KS2 - Year 6 Competition

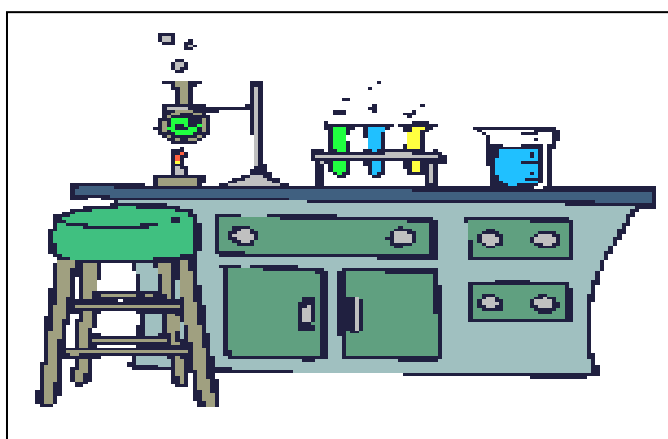
Safe in Science Poster

Task:

It is your job to help prevent accidents in the Science laboratory by informing others of the school lab rules.

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You can approach this challenge from any direction you like but your homework must include at least one rule of the school science laboratory.



Safe in Science Poster

Mark scheme

Level	Criteria to be met:	Is the evidence present?
3	With help, design a simple safety poster that: <ul style="list-style-type: none">• Lists at least one lab rule• Describes simply what to do if an accident occurs in a Science lab• Describes what some common hazard symbols mean	
4	Design a simple safety poster that: <ul style="list-style-type: none">• Lists at least one Science lab rule• Describes what to do if an accident occurs in a Science lab• Describes what some common hazard symbols mean	
5	Design a safety poster that: <ul style="list-style-type: none">• Lists one or more Science lab rules• Explains simply what to do if an accident occurs in a Science lab• Explains simply what common hazard symbols mean• Use appropriate scientific words, symbols and units	

Level to be rewarded:

You can improve by...