



Lesson 1

| Lesson | Resources | Context |
|--------|--|--------------------------------------|
| 1 | Science Rules w/s Hazard w/s with answers | Identifying hazards in laboratory |

Lesson planned is shorter than 50 mins so
people can distribute exercise books, rules etc

Starter - Safety in the Laboratory

| | Activity | Expectation |
|--|--|---|
|  | Using mini white boards come up with a list of rules that you have come across in every day life that help to keep you safe. | You list at least 5 rules.  |
| + | Describe how each of these rules keep you safe. | You will be able to describe why at least 3 rules keeps you safe. |

Support - e.g. Not running across a road in case you trip or fall into the path of an oncoming car.




Go through ideas with the class.



Safety in the Laboratory

Homework: Learn the Science rules!

Amcan: Recognise and explain dangers in the lab.

| Level | Learning Objectives | Key Words | SPAG |
|--|--|---|--|
|  | Recognise hazards in the laboratory. | Hazard Risk | <ul style="list-style-type: none">To be able to use terminology accurately when explaining ideas |
|  | Describe how hazards can be controlled. | Assessment Precautions Chemical Protection | |
|  | Evaluate investigations for hazards. | Equipment Breakages | |

Main Activity – The Science Rules

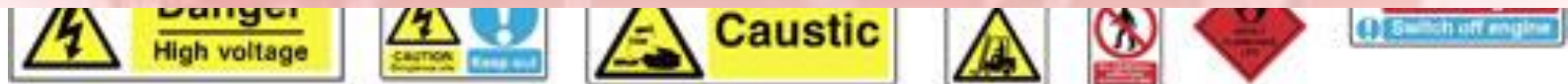
I will...

1. Only enter the lab when the teacher tells me I can.
2. Hang up my bag and coat on the hooks provided.
3. Always bring equipment, including a pen, pencil, ruler, rubber and calculator
4. Not eat or drink anything in the lab.
5. Not run around in the lab.
6. Tie all long hair back when doing a practical.
7. Always use safety glasses when doing practical's.
8. Use all apparatus safely.
9. Report any accidents to the teacher.
10. Stand when doing practical's.
11. Pack away all apparatus safely.
12. Be organised and work quietly.

Now stick your rules sheet into the back of your books and sign and date it to say you have read and understood the rules...

Main Activity – Modelling what you need to do

Discuss with your partner what Health and Safety means to you?



Main Activity – Modelling what you need to do



Working with your partner spot as many hazards as you can and think of how you can prevent them...






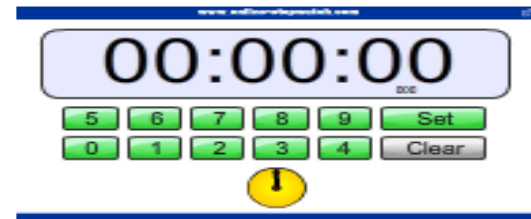
SAFETY RULES

CRISPS

Assessment Phase

| Level | Assessment Task |
|---|---|
|  | Suggest risks and complete a risk assessment of the practical on the worksheet. |

Go through answer sheet with the class.



Plenary



Write two separate statements on your learning and progress this lesson.

Use the sentence starters to help you.

www

The lesson went well because I
learnt how to...

I now feel more confident when...

I understand how to...

This lesson I have practiced...

ebi

I now need to learn how to...

I will feel more confident when I can...

I will practice at home using...

I need to practice explaining clearly
how...

Keywords:




Hazard, risk



Title: Safety in the Laboratory

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