



WORKSHEET H - MEMORANDUM

Stored Energy in Fuels

Fire Safety

Answer the questions that follow. This project will count 15 marks.

1. What should you do if your clothes catch fire and why?

Do not panic.
Do not run.
Stop and drop to the ground.
Cover your face with your hands and roll on the ground to cut out the air and put out the fire.

(3)

2. What should you do if you burn your hand with hot oil? [any 2 answers]

Stay calm.
Tell your parent(s) and if they are not at home, seek help from the neighbours.
If you got burnt by an electrical / gas stove, then you must turn off the current.
Remove all your jewellery and watch.
Determine how deep and severe the hand burnt.
Cover the burn using a clean dressing / a clean sheet / non-fluffy towel / tea towel / cling wrap.
Consult a doctor for professional help.

(2)

3. What should you **not do** if you burn yourself with oil on your leg and you have clothes on? [any 3 answers]

Do not apply ointment / butter / medications / cream / oil spray / any other house hold remedy to cover the burn, because it may retain the heat.
Do not use ice.
Do not breathe, blow or cough over the burn.
Do not remove any clothes that are stuck to your skin, because infection may occur.
Expect that the skin will become red and swollen and that blisters may form.
Do not panic.

(3)

4. When working with a gas stove, what precautions should you follow?
[any 3 answers]

Use the gas stove properly and with extra caution.
Install a carbon monoxide detector.
As soon as you smell gas, you must switch off the plate(s) and close the gas bottle tightly.
Check regularly for any gas leaks.
Check that the gas stove is switched off after cooking, before leaving the house, before going to bed.
Make sure that the children do not play or turn the knobs.
Always rinse and dry the burners before reinstalling.
If a fire starts, turn off the gas stove and only cover the flame with a pot lid if it is safe.
Never use a gas stove for heating of a room, because the gas stove can be damaged and it produces dangerous carbon monoxide gas.
Improper operation of gas stoves can lead to fires or burns.
It is important to have a safety valve (a flame failure device) installed for gas stoves.

(3)

5. Name four things that you should **not do** when making a fire? [any 4 answers]

Do not make a fire close to any hanging branches.
Do not have any flammable liquids close to the fire.
Remember to extinguish the fire after using it.
You should not allow your fire to get out of control.
You must not allow children too close to the flames, because they are inquisitive and can burn easily.
Do not add paper and other materials, over and above the wood, because it can escape while burning and ignite nearby items.
Do not leave young children unsupervised by the fire.

(4)

[TOTAL 15]