



SENIOR ONE CHEMISTRY

WEEK TWO

20TH TO 25TH April

Instruction. On each 'bullet' is a task or question for you solve.

- Outline five guidelines that are carried out to ensure that the kitchen is a safe place for cooking at your home.
A few times at home or at school fire outbreaks may occur.
- Produce a set of guidelines on how you can deal with a fire outbreak at home.

Scientific Procedure and Experiment

Chemistry is a practical subject. To get knowledge, chemists carry out experiments during which they make careful observations and measurements. In order to do this, they use a variety of measuring equipment.

Common measuring equipment (apparatus) used in the laboratory



Conical flask



Syringe



Beaker



Measuring cylinder

- Make a list four different pieces of equipment (apparatus) that can be used to measure volume of a liquid while at home and discuss the condition under

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which each of them would be *most appropriate* to choose for measurement of volume.

When taking readings of volumes of liquids, usually errors occur through the process known as *parallax*. Research, read and

- With the aid of a diagram(s), write briefly about parallax in your own words. The measuring devices which are used in everyday life, like the locally made weighing balance in some butcheries are used to measure the weight of solids
- Why are solids usually measured by mass and not by volume? but what about gases.
- Can the volumes of gases be measured? If yes, how do you think this can be done?

Remember most gases are colourless and take the volume of the container they are placed.

STAYHOME STAYSAFE

Coming soon

Materials



Are artificial materials natural? Or is man creating new matter?

The true method of knowledge is experiment.

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