

## Worksheet Year 7

### **Safety in the laboratory**

The skull and crossbones symbol is used for what hazard in a lab?

- A. Toxic
- B. Corrosive
- C. Dangerous
- D. Radioactive



This symbol  on a chemical in the lab means

- A. Toxic
- B. Corrosive
- C. Dangerous
- D. Radioactive

What is the purpose of wearing goggles in the lab?

- A. To prevent eye strain
- B. To improve your vision
- C. To prevent splinters, splatters and heat getting in the eye
- D. To look cool while doing experiments

What is the right way to smell chemicals in a test tube?

- A. Put your nose above the tube
- B. Put your nose to the side of the tube
- C. Create a fan motion to sweep the fumes to your nose
- D. We should NEVER smell chemicals in a lab

What is the name of this lab equipment?



- A. Test tube      B. Beaker      C. Conical Flask      D. thermometer

When is it ok to eat in the lab?

- A. Always      C. Never  
B. If you are very hungry      D. If a snack is available

If you break glassware in the lab, you should...

- A. Tell the teacher      C. Clean it up quickly before the teacher notices  
B. Leave it on the floor      D. Run out of the room

We should never \_\_\_\_\_ chemicals in the lab.

- A. Taste      C. touch  
B. Smell      D. all the above

Keeping your work area neat and clean is important because:

- A. The area will be neat      C. You will not lose my supplies in the clutter.  
B. It keeps the room from looking messy.      D. It helps prevent accidents.

Long hair in the laboratory must be:

- A. cut short.      C. held away from the experiment with one hand.  
B. always neatly groomed.      D. tied back or kept entirely out of the way

Which equipment would you use to measure the following: 20 °C?

- A. Bunsen Burner      C. measuring cylinder  
B. Thermometer      D. boiling tube

### **Materials, Substance Elements**

Which of the following elements is NOT a metal?

- A. Calcium                      C. Mercury
- B. Magnesium                D. Helium

Which element has the symbol H?

- A. helium                      C. Hydrogen
- B. carbon                     D. oxygen

What is the correct symbol of sodium?

- A. So                      B. S                      C. Na                      D. N

Which of the following is NOT a pure substance?

- A. Distilled Water      B. Orange Juice      C. Oxygen Gas      D. Glucose

Water contains the elements \_\_\_\_\_ and \_\_\_\_\_

At room temperature water exist as a \_\_\_\_\_.

As the sun warms the earth, it turns water on earth into water vapor that rises into the air. This is called...

- A. Evaporation                      B. Precipitation
- C. Condensation                    D. Melting

Sea water is a(n) \_\_\_\_\_.

- A. Element                      B. Compound                      C. Pure substance                      D. Mixture

\_\_\_\_\_ is added to drinking water to prevent tooth decay.

- A. Iodine,                      B. bromine                      C. fluorine                      D. mint