

Grade 7 Science

Unit 1: Introduction and Safety

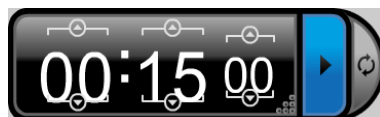
One student please hand out the "Safety in Your Science Classroom" sheets.

You will notice that there are several sections of this note missing. Hidden around the room you will find small pieces of paper with the missing information. Your job is to look around the room, find the information, determine which blank it goes into, and complete your note.

The pieces of paper you are looking for are all the same. A small strip with a black outlining rectangle, no pictures, only words. Here is an example:

example words

You have 15 minutes to complete your note:



*Tip: It might be easier to get a piece of GOOS paper and write all the hidden words on it first, then try to fill them in.

Safety in Your Science Classroom

1. Working with your teacher ...

- Listen carefully to any instructions your teacher gives you.
- Inform your teacher if you have any allergies, medical conditions, or other physical problems that could affect your work in the science classroom. Tell your teacher if you wear contact lenses or a hearing aid.
- Obtain your teacher's approval before beginning any activity you have designed yourself.
- Know the location and proper use of the nearest fire extinguisher, fire blanket, first-aid kit, and fire alarm.

2. Starting an activity or investigation ...

- Before starting an activity or investigation, read all of it. If you do not understand how to do any step, ask your teacher for help.
- Be sure you have checked the safety icons and have read and understood the safety precautions.
- Begin an activity or investigation only after your teacher tells you to begin.

3. Dressing for success in science ...

- When you are directed to do so, wear protective clothing, such as a lab apron and safety goggles. Always wear protective clothing when you are using materials that could pose a safety problem, such as unidentified substances, or when you are heating something.
- Tie back long hair, and avoid wearing scarves, ties, or long necklaces.

4. Acting responsibly ...

- Work carefully with a partner, and make sure that your work area is clear.
- Handle equipment and materials carefully.
- If other students are doing something that you consider dangerous, report it to your teacher.

5. Handling edible substances ...

- Do not chew gum, eat, or drink in your science classroom.
- Do not taste any substances or use your mouth to draw any materials into a tube.

6. Working in a science classroom ...

- Make sure that you understand all the safety labels on school materials and materials you bring from home. Familiarize yourself with the WHMIS symbols and special safety symbols.
- When carrying equipment for an activity or investigation, hold it carefully. Carry only one object or container at a time.
- Be aware of others during activities and investigations.

7. Working with sharp objects ...

- Always cut away from yourself and others when using a razor blade knife or.
- Always keep the pointed end of scissors or any other sharp object from yourself facing away and others if you have to walk with it.
- If you notice sharp or jagged edges on any equipment, take special care with it and report it to your teacher.
- Dispose of broken glass as your teacher directs.

8. Working with electrical equipment ...

- Make sure that your hands are dry when touching electrical cords, plugs, or sockets.
- Pull the plug, not the cord, when unplugging electrical equipment. Report damaged equipment or frayed cords to your teacher.

9. Working with heat ...

- When heating something, wear safety goggles and any other safety equipment that the textbook or your teacher advises.
- Do not use broken or cracked containers.
- Point the open end of a container that is being heated away from yourself and others.
- Handle hot objects carefully. Be especially careful with a hot plate that might look as though it has cooled down.
- If you do receive a burn, inform your teacher and apply cold water to the burned area immediately.

10. Working with various chemicals ...

- If any part of your body comes in contact with a substance, wash the area immediately and thoroughly with water. If you get anything in your eyes, do not touch them. Wash them immediately and continuously for 15 min, and inform your teacher.

Homework

Your science binder will be due on: _____.
(The period after you write your safety test.)

Be sure that you have everything in it, and everything, including today's worksheet, is 100% complete.

If you did not get this page complete, I will be in:

_____.

Name _____ Date _____

Safety in Your Science Classroom

1. Working with your teacher ...

- Follow your teacher's instructions. Always wear your safety goggles.
- If you are unsure of what to do, ask your teacher for help.
- Always wear your safety goggles. Always wear your safety goggles.
- Do not eat or drink in the science classroom.

2. Working with your equipment ...

- Do not touch anything that is hot or cold.
- Do not touch anything that is sharp.
- Do not touch anything that is toxic.
- Do not touch anything that is flammable.

3. Working with your materials ...

- When you are finished, clean up your work area.
- Do not touch anything that is toxic.
- Do not touch anything that is flammable.
- Do not touch anything that is sharp.

4. Working with your equipment ...

- Do not touch anything that is hot or cold.
- Do not touch anything that is sharp.
- Do not touch anything that is toxic.
- Do not touch anything that is flammable.

5. Working with your materials ...

- When you are finished, clean up your work area.
- Do not touch anything that is toxic.
- Do not touch anything that is flammable.
- Do not touch anything that is sharp.

Attachments

1-5 Lab Safety Scavenger Hunt.pdf