

## Safety in the Classroom

Become familiar with your safety rules and procedures! Colour each rule category on the left a different colour (you will need 13 different colours). Then colour all the matching rules on the right that same color.

Hint: page xvii of your text will help

Rule category:	Rules:
Working with your teacher...	<ul style="list-style-type: none"> <li>• Always cut away from yourself and others when using a knife or razor blade.</li> <li>• Listen carefully to any instructions your teacher gives you.</li> <li>• Tie back long hair and avoid wearing scarves, ties, or long necklaces.</li> <li>• Handle equipment and material carefully.</li> <li>• Wash your hands thoroughly after doing an activity or investigation.</li> <li>• Do not allow a container to boil dry.</li> <li>• Report damaged equipment or frayed cords to your teacher.</li> <li>• Handle modeling clay correctly. Wash your hands after using modelling clay.</li> <li>• Hold containers away from your face when pouring liquids.</li> <li>• Treat living creatures with respect.</li> <li>• Try not to disturb the area any more than is absolutely necessary.</li> <li>• Clean up any spills according to your teacher's instructions.</li> <li>• Clean equipment before you put it away.</li> <li>• Make sure you understand all safety labels on school materials or those you bring from home. Familiarize yourself with the WHMIS symbols and the special safety symbols used in the book (p475)</li> <li>• Make sure stools and chairs are resting securely on the floor.</li> <li>• Dispose of broken glass as your teacher directs.</li> <li>• Pull the plug, not the cord, when unplugging electrical cords.</li> <li>• Do not chew gum, eat, or drink in your science classroom.</li> <li>• When heating an item wear safety goggles and any other safety equipment your text or teacher advises.</li> <li>• Handle hot objects carefully. Be especially careful with a hot plate that looks as though it has cooled down.</li> <li>• Be aware of others during activities and investigations. Make room for students who may be carrying equipment to their work stations.</li> <li>• Work carefully with a partner and make sure your work area is clear.</li> <li>• If you receive a burn, inform your teacher and apply cold water to the burn area immediately.</li> <li>• Always keep the pointed end of scissors or any pointed object facing away from yourself and others if you have to walk with such objects.</li> <li>• Use tools safely to cut, join and shape objects.</li> <li>• Make sure your hands are dry when touching electrical cords, plugs, or sockets.</li> <li>• If other students are doing something you think is dangerous, report it to your teacher.</li> <li>• Point the open end of a container that is being heated away from yourself and others.</li> </ul>
Starting and activity or investigation...	
Wearing protective clothing...	
Acting responsibly...	
Handling edible substances...	
Working in a science classroom...	

<p>Working with sharp objects...</p>	<ul style="list-style-type: none"> <li>• If you move something, do it carefully and always replace it carefully.</li> <li>• Do not use power equipment, such as drills, sanders, saws, and lathes unless you have specialized training in handling such tools.</li> <li>• Dispose of materials as directed by your teacher. Never discard material in the sink unless your teacher requests it.</li> <li>• If you use a Bunsen burner, make sure you understand fully how to light and use it safely.</li> </ul>
<p>Working with electrical equipment...</p>	<ul style="list-style-type: none"> <li>• If you notice sharp or jagged edges on any equipment, take special care with it and report it to your teacher.</li> <li>• Know the location and use of the nearest fire extinguisher, fire blanket, first aid kit and fire alarm.</li> <li>• Do not taste any substances or draw any material into a tube with your mouth.</li> </ul>
<p>Working with heat...</p>	<ul style="list-style-type: none"> <li>• If possible, return living creatures to their natural environment when your work is complete.</li> <li>• If any part of your body comes in contact with a substance, wash the area thoroughly with water. If you get anything in your eyes, do not touch them. Wash them immediately and continuously for 15 minutes and inform your teacher.</li> </ul>
<p>Working with various chemicals...</p>	<ul style="list-style-type: none"> <li>• Follow proper procedures using mechanical systems and studying their operations.</li> <li>• Always use heat proof containers.</li> <li>• Obtain your teacher's approval on any activity you have designed for yourself.</li> <li>• When carrying equipment for an activity or an investigation, hold it carefully. Carry only one object or container at a time.</li> </ul>
<p>Working with living things...</p>	<ul style="list-style-type: none"> <li>• Be sure you have checked the safety icons and have read and understood the safety precautions.</li> <li>• If you are asked to remove plant material, remove it gently and remove as little as possible.</li> <li>• Begin an activity or investigation only after your teacher tells you to start.</li> </ul>
<p>Cleaning up the science classroom...</p>	<ul style="list-style-type: none"> <li>• Always handle substances carefully. If you are asked to smell a substance, never smell it directly. Hold the container slightly in front of and beneath your nose and waft the fumes toward your nose.</li> <li>• Place electrical cords where people will not trip over them.</li> <li>• Inform your teacher if you have any allergies, medical conditions or other physical problems which could affect your work in the science classroom. Tell your teacher if you wear contact lenses or a hearing aid.</li> <li>• Make sure living creatures receive humane treatment while they are in your care.</li> </ul>
<p>Designing, constructing and experimenting with structures and mechanisms...</p>	<ul style="list-style-type: none"> <li>• Use special care when observing and working with objects in motion. (eg: objects that spin, swing, bounce, or vibrate; gears and pulleys; elevated objects)</li> <li>• Before starting an investigation or activity, read all of it. If you don't understand how to do any step, ask your teacher for help.</li> <li>• When you are directed to do so, wear protective clothing such as lab apron and safety glasses. Always wear protective clothing when you are using materials that could pose a safety problem such as unidentified substances or when you are heating anything.</li> </ul>