

Safety is the Responsibility of EVERYONE!

• To provide safe learning activities (we're NOT blowing anything up!)

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- To provide appropriate safety equipment

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- To provide appropriate safety equipment
- To provide verbal and written safety instructions whenever needed

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- To provide appropriate safety equipment
- To provide verbal and written safety instructions whenever needed
- To provide safety instruction

 To follow instructions everyday, all day, without exception

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- To read and double check all written safety instructions

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- To read and double check all written safety instructions
- To ask questions when confused

 All science classes have potential hazards

 The more advanced the class, the greater the possibility for safety issues

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Concerns & Issues for OUR Class

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 General hazard warning



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- General hazard warning
 - When you see this symbol, triple check for safety issues





• Wear goggles when using:



 Wear goggles when using: – Chemicals



- Wear goggles when using:
 - Chemicals
 - Sharp objects



- Wear goggles when using:
 - Chemicals
 - Sharp objects
 - Fire



- Wear goggles when using:
 - Chemicals
 - Sharp objects
 - Fire
- NON-NEGOTIABLE



- Wear goggles when using:
 - Chemicals
 - Sharp objects
 - Fire
- NON-NEGOTIABLE
- It's a LAW!







• Fire hazard



Fire

Fire hazard
 Use goggles



Fire

- Fire hazard
 - Use goggles
 - Tie back long hair



Fire

- Fire hazard
 - Use goggles
 - Tie back long hair
 - Tie back loose clothing

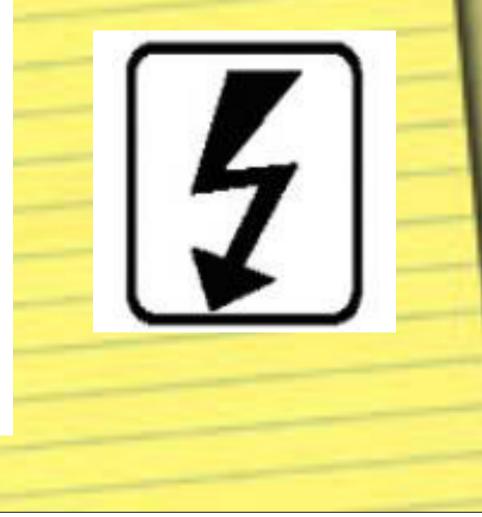






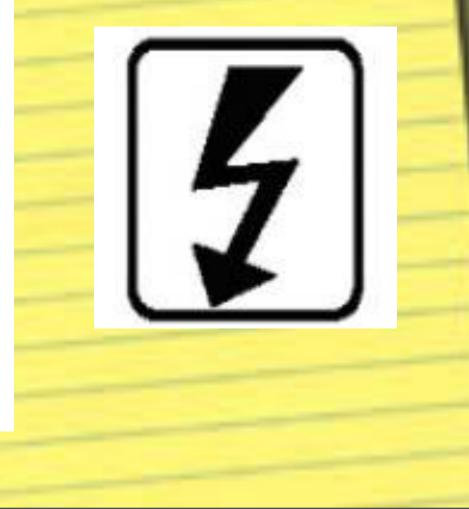
Electrical

• Electrical Hazard



Electrical

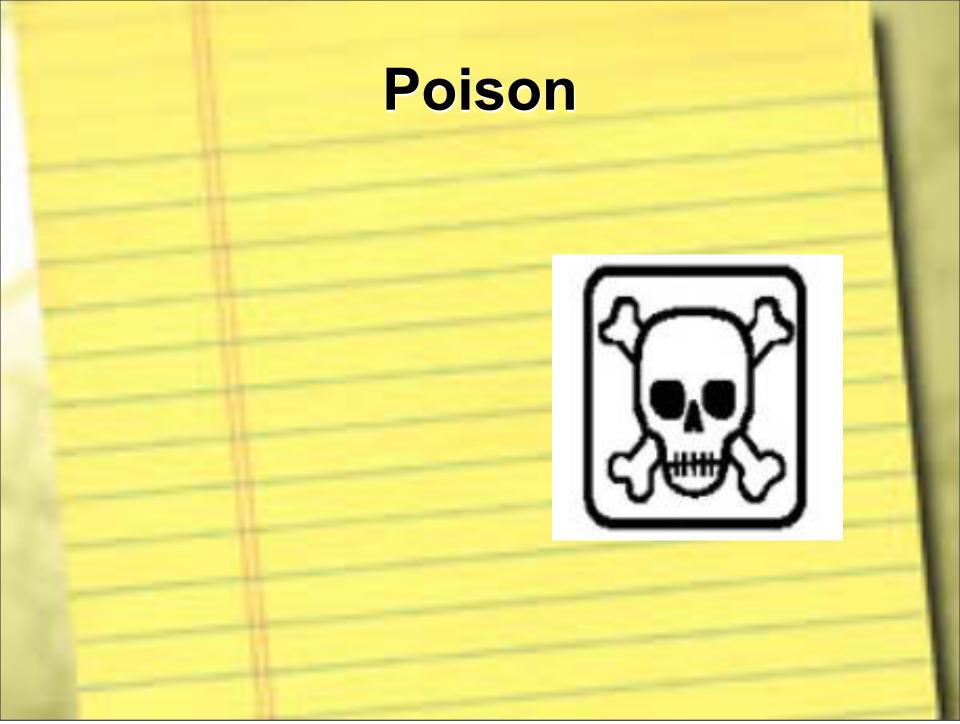
• Electrical Hazard – Watch for water



Electrical

- Electrical Hazard
 - Watch for water
 - Be aware of cords

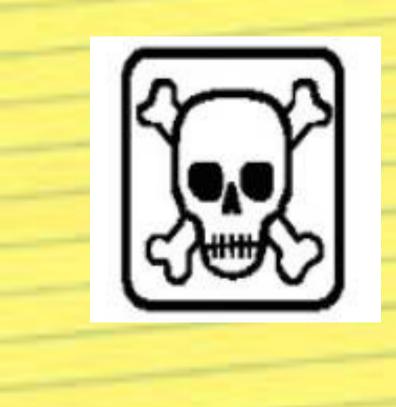




Poison Hazard



Poison Hazard
 Wear goggles



- Poison Hazard
 Wear goggles
 - Read label



- Poison Hazard
 - Wear goggles
 - Read label
 - Keep away from mouth





Corrosive Hazard



• Corrosive Hazard – Wear goggles



- Corrosive Hazard
 - Wear goggles
 - Read labels



- Corrosive Hazard
 - Wear goggles
 - Read labels
 - Wear apron



- Corrosive Hazard
 - Wear goggles
 - Read labels
 - Wear apron
 - Keep off skin



• Each student and a parent or guardian will sign a safety contract.

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- Students without a signed contract on file will not be allowed to participate labs.



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- I will follow all instructions, written and verbal, about the laboratory procedures given by the teacher.

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- I will follow all instructions, written and verbal, about the laboratory procedures given by the teacher.
- I will not touch any equipment or supplies until instructed to do so by the teacher.

 I will perform only those activities that have been authorized by the teacher. I will never do anything that is not called for by the procedure. I understand that unauthorized experiments are forbidden.

- I will perform only those activities that have been authorized by the teacher. I will never do anything that is not called for by the procedure. I understand that unauthorized experiments are forbidden.
- I will keep my table and the area around it clean and neat.

 I will wear my safety goggles whenever we are working with chemicals or heat. I understand that there are no exceptions to this rule.

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- I will immediately notify the teacher of any emergency.

- I will wear my safety goggles whenever we are working with chemicals or heat. I understand that there are no exceptions to this rule.
- I will immediately notify the teacher of any emergency.
- I will tie back long hair, baggy clothes, and dangling jewelry while doing a laboratory activity.

 Always carry a microscope with both hands. Hold the arm with one hand; place the other hand under the base.

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- Never open storage cabinets without permission from the teacher.

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 - I will not remove preserved specimens from the science room.

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 - I will use scalpels, scissors, and other sharp instruments only as instructed.

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 - I will never cut any material towards mealways cut away from my body.

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 - I will not remove preserved specimens from the science room.
 - I will use scalpels, scissors, and other sharp instruments only as instructed.
 - I will never cut any material towards mealways cut away from my body.
 - I will report any cut or scratch from sharp instruments to the teacher immediately.

• I know whom to contact for help in case of an emergency.

I know whom to contact for help in case of an emergency.
 Ms. Baker

- I know whom to contact for help in case of an emergency.
 - Ms. Baker
 - Principals

- I know whom to contact for help in case of an emergency.
 - Ms. Baker
 - Principals
 - Ms. Parisi

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 - Ms. Baker
 - Principals
 - Ms. Parisi
 - Call Office

- I know whom to contact for help in case of an emergency.
 - Ms. Baker
 - Principals
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 - Call Office
 - -911 (It had better be SERIOUS!)

 I will not take anything out of the classroom without permission from the teacher.

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- I will never eat, drink, or chew gum in the classroom unless instructed to do so by the teacher. I will not use classroom equipment as containers for food or drink.

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- I will never eat, drink, or chew gum in the classroom unless instructed to do so by the teacher. I will not use classroom equipment as containers for food or drink.
- I will only handle living organisms when authorized to do so by the teacher.

 On a case-by-case basis, breaking the contract may result in:

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 - Removal from the lab activity with alternate assignments given

- On a case-by-case basis, breaking the contract may result in:
 - Removal from the lab activity with alternate assignments given
 - School disciplinary procedures

• Safety Symbols:

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 - <u>http://science.nsta.org/enewsletter/2003-06/</u> <u>safetym.htm</u>

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 - This powerpoint was adapted from <u>www.science-class.net</u>. The original can be viewed at <u>http://www.science-class.net/</u> <u>PowerPoints/ScienceSafety_files/frame.htm</u>