

Starting with Safety

Video Questions

Handling Chemical Safety

01	When you read the label on a chemical container, what are the three most important pieces of information?	
02	How many times should you read this information before opening the container?	
03	What should you do with the leftover chemicals after an experiment?	
04	Why is it important to read instructions all the way through before beginning an experiment?	
05	When you need to carry chemicals in the lab, what size container is the safest to use?	
06	If you spill a chemical, what should you do?	
07	Should you add acid to water, or water to acid?	

Bunsen Burner and Glassware Safety

01	Before hooking a Bunsen burner to the gas line, what should you look for?	
02	If your flame sputters or goes out, what should you do?	
03	If you smell gas in the room, what should you do?	
04	Is it safe to heat a sealed container? Why or why not?	
05	Is it safe to work near heated objects?	
06	Is it safe to use glassware that has cracks or stars? Explain.	
07	How can you safely carry a heated object?	
08	Is it safe to heat flammable chemicals with a Bunsen burner?	

Thermometer Safety

01	Should you ever shake a thermometer?	
02	Before choosing a thermometer for a specific job, what should you do?	
03	If you break a thermometer, what should you do?	

Glass Tubing Safety

01	What is one of the most common causes of injury in the laboratory?	
02	If you do not have an inserter, how should you insert glass tubing into a rubber stopper?	
03	What is the safe way to insert a thermometer into a stopper?	

Dressing for Safety

01	What types of shoes are appropriate for the lab?	
02	Describe the type of clothing you should wear on days you are working in the lab.	
03	How should you protect your eyes from chemicals and glass shards?	
04	What is it important to remove rings, watches, and contact lenses before working in the lab?	

Behavior in the Laboratory

01	Is the laboratory a safe place to eat, drink or put on make up? Why or why not?	
02	What is a safe way to read a burette that is above your eye level?	
03	Where should you keep your personal belongings that you bring to the lab?	

Emergency Equipment

01	Name the pieces of safety equipment in your laboratory.	
02	How do you extinguish a small fire in a container? What should you do if you have a large fire?	
03	How do you put out a clothing fire?	