

Science Lab Safety and Classroom Activity Checklist

Complete prior to submitting a new demonstration/activity/laboratory/field investigation for approval.

	Completed Before the Activity/Lab/Demonstration	Procedures Documented in the Activity	No Procedures Documented in Activity	If No, Corrective Action Needed to Continue
Safety training completed				
<i>Safety Acknowledgment Form</i> reviewed and signed				
Hazard analysis completed, including review of Safety Data Sheet (SDS)				
Risk assessment completed				
Appropriate safety controls reviewed and applied to address risks (elimination, substitution, engineering controls, standard operating safety procedures, class size, special needs students and personal protective equipment [PPE])				
PPE and other safety protocols documented in the procedure				
General statement of safety precautions prepared for teacher and students				
Safety precautions for chemicals reviewed & documented (see <u>Managing Your Chemical Inventory – Part 3</u>)				
Safety precautions for physicals reviewed & documented (e.g. trip/fall hazards, projectiles, etc.)				
Safety precautions for biologicals reviewed & documented (e.g. blood borne pathogen exposure, toxic plants, etc.)				

Safety precautions for hand and power tools reviewed & documented in the procedure				
Teacher has performed lab/activity/demonstration prior to its use with students				
Plan in place to monitor student behavior in meeting safety expectations during the activity: e.g. making sure PPE stays on, keeping appropriately defined distance from apparatus, etc.				

To download NSTA’s Safety Acknowledgement Form, Managing Your Chemical Inventory, and various other resources, visit the NSTA Safety Portal at www.nsta.org/safety.

Comments:

NSTA would like to thank its Science Safety Advisory Board for developing this resource. Questions or comments about its content should be directed to NSTA at 703-243-7100 or safety@nsta.org.

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