

Course Syllabus



TEA Science Safety Training for Elementary School

Lessons	Sections	Activities
1. Introduction to Safety Training	1.1 Introduction 1.2 Training Objectives	<ul style="list-style-type: none"> ○ Download <i>Texas Education Agency Texas Safety Standards</i> ○ Read NSTA Position Statements ○ Reference Texas Education Agency Texas Safety Standards
2. Classroom Safety and the Law	2.1 Introduction 2.2 Students with Disabilities 2.3 Liability 2.4 19 Texas Education Code (TAC) Part II: Texas Education Agency	<ul style="list-style-type: none"> ○ Reference Texas Education Agency Texas Safety Standards ○ Discussion Topic: "Solutions to Accommodations"
3. Globally Harmonized System	3.1 Introduction 3.2 Chemical Labels and Safety Data Sheets 3.3 Pictogram Matchup 3.4 Training Video and Resources	<ul style="list-style-type: none"> ○ Instructional video ○ Matching activity ○ Instructional video ○ Reference OSHA publications
4. Responsibility of Instruction	4.1 Introduction 4.2 Lab Room Tour 4.3 Fire Safety 4.4 Eye/Face Wash 4.5 Hand Washing 4.6 First Aid 4.7 Classroom Responsibilities 4.8 Creating a Safety Plan 4.9 Science Safety Contracts	<ul style="list-style-type: none"> ○ Interactive animation ○ Reference Texas Education Agency Texas Safety Standards ○ Instructional video ○ Instructional video ○ Instructional video ○ Read NSELA article ○ Review OSHA first aid supplies ○ Analyze chart ○ Checkpoint activity ○ Discussion Topic: "Safety Plans"
5. Responsibility of Supervision	5.1 Introduction 5.2 Age-Appropriate Lab Equipment 5.3 Eye Protection 5.4 Field Experiences and Handling Living Organisms 5.5 Safety Self Check	<ul style="list-style-type: none"> ○ Reference the Texas Essential Knowledge and Skills (TEKS) for science ○ Instructional video ○ Interactive animation
6. Responsibility of Maintenance	6.1 Maintenance of Lab Equipment 6.2 Keeping It Uncluttered and Organized 6.3 Equipment Check	<ul style="list-style-type: none"> ○ Interactive animation
Final Test	Once you have completed the course lessons and activities, you must take and pass the 20-question final test. You must receive an 80% or higher in order to pass the test. If you do not pass, you must review the course lessons again and retake the test. When you have successfully completed the final test, you will receive a certificate of completion and 3 CPE credits.	