



## Laws, Codes, Standards and Regulations Which Apply to Science Activities by Schools

### PROFESSIONAL

- National Science Education Standards (1995)
- Organization / Professional Standards

### FEDERAL

#### OSHA Standards

- Approved State Plans for Enforcement of State Standards 29 CFR §1952
- General Duty Clause (GDC), Section 5(a)(1) of the William-Steiger OSH Act 29 CFR 654(a)(1)
- Bloodborne Pathogens Standard 29 CFR §1910.1030 (1991)
- Occupational Exposure to Hazardous Chemicals in Laboratories (Laboratory Standard) 29 CFR §1910.1450
- Hazard Communication Standard 29 CFR §1910.1200
- Emergency Action Plan 29 CFR §1910.38
- Personal Protective Equipment, General Requirements 29 CFR §1910.132 - .138
- General Environmental Controls 29 CFR §1910.141, 144, 145, 147
- Medical Services & First Aid 29 CFR §1910.151
- Fire Protection 29 CFR §1910.155-.165
- Electrical Subpart S 29 CFR §1910.301-.332
- Exit Routes, Emergency Action Plan & Fire Prevention Plans 29 CFR §1910.33-.39
- Compressed Gases 29 CFR §1910.101
- Flammable & Combustible Liquids 29 CFR §1910.106

#### Environmental Protection Agency Regulations

40 CFR §261; 262, 266, 268, 302, 311, 355, 370, 372

#### Department of Transportation Regulations

49 CFR §171-177

**Individuals with Disabilities Education Act (IDEA)** 1975, 1997

#### Americans with Disabilities Act (ADA)

**Federal, State, Local Building / Fire Codes, Statutes, Regulations**

### STATE

#### State Education Laws

See Table 9. "State Education Laws," pgs 32-33.

#### Examples include:

Acts, Codes

- North Carolina GS §115C - Elementary and Secondary Education Act
- Alabama Code §16-1-7 - School Code (1975)
- Wisconsin 14 Del. C. 1953, §8302; 55 Del. Laws, c. 450

#### Eye Protection

- North Carolina GS §115C-166, 167, 168, 169 (1969, 1981)
- Missouri RS §70.005 -170.009
- Rhode Island §16
- Texas, Title 19 §38.005

#### Charter School Law

- North Carolina GS §115C-238, 29A-K
- Arizona RS §15-181 to §15-189

#### Allocation of Class Size

- Florida Title XVIII 1003.03(1)
- Georgia Code 20-20-182
- North Carolina GS §115C-301

#### Allocation of Teachers

- North Carolina GS §115C-301
- South Carolina ST SEC §59-21-10

#### Duties / Responsibilities of Teachers

- North Carolina GS §115C-307
- Washington Code §180-44

#### Student Teacher Protection, Rules & Regulations

- North Carolina GS §115C-309
- Nebraska 1971, LB 175, §2; RS1943, (1994), §79-1298; 1996, LB 900, §501

#### Erection of School Buildings / Facilities

- California Education Code Title 1 Part 9 – Part 10.5
- North Carolina §115C-521

#### Provision of Equipment

- North Carolina § 115C-522
- North Carolina State Board Policy – Safe, Orderly & Caring Schools Assessment Inventory North Carolina GS §115C-105.47
- North Carolina State Board of Education Safety Policy – HSP-F-017

#### OSH State Regulations

## Detailed Information

### NATIONAL SCIENCE EDUCATION STANDARDS—ADOPTED 1995

#### Science as Inquiry Standards

Inquiry requires students to combine processes and scientific knowledge as they use scientific reasoning and critical thinking skills to develop their understanding of science.



*National Science Education Standards*,  
National Research Council, National  
Academy Press, Washington, DC, 1995.  
**www.nap.org**