



Making Science Matter®



WE WANT TO BE YOUR PARTNER ON YOUR SCIENCE LAB CONSTRUCTION OR RENOVATION PROJECT

Fisher Science Education can help you plan, build and stock the creative learning center you envision...and save you time and money! From concept to construction and beyond, we'll provide the latest products, brand names you trust, quality you expect and competitive pricing...no strings—or spend commitment—attached!

PLANNING YOUR LAB

Lab Assistant CD ... FREE!

- Helps you plan and build your custom lab with little effort
- Developed by teachers and standardized against today's leading textbooks
- Create recommended product lists customizable by grade level, subject, lab size and product type
- View prices, total spend, and product details right from the CD
- Review, customize, sort and save your finished lists as Excel® spreadsheets

Lab Construction Binder ... FREE!

- Floor and design plans
- Questions, answers and tips for everything from handicapped accessibility to utility, safety and legal requirements

Recommended Equipment Lists ... FREE!

Downloadable from www.fisheredu.com

- Recommended laboratory materials lists for biotechnology labs in junior, middle, and senior high school classrooms
- Tips to help you define your lab needs

OUTFITTING YOUR LAB

From beakers to fume hoods and safety goggles, we can outfit your new lab completely, keep it stocked indefinitely, and do it all at very competitive prices.

- Workstations, fume hoods, seating and other furnishings at competitive prices
- The latest technologies in lab equipment and instruments
- LEED-certified workstations and fume hoods
- Consumables, disposables and renewables

ONGOING SUPPORT

- Local and accessible Fisher Science Education Representatives, experts in a wide variety of disciplines
- Available 24/7 to help you choose the right products, solve problems, expedite orders, and coordinate deliveries, unpacking and setup
- Online access to **Headline Discoveries**, our biannual periodical full of science news, teaching tips, lesson plan ideas and more; **Tools for Teaching**, tips and ideas from educators all over the country; **Mercury Exchange Program**, **Catalogs**, **Science Sites**, **New Lab Materials Lists**, a variety of literature, and much more at www.fisheredu.com...all downloadable to your desk, all free for the clicking!



For more information about how Fisher Science Education can help you construct or renovate the science lab you want at a price you can afford, contact us by phone at 1-800-955-1177 or by email at FSE.NewLab@fisheredu.com.



For customer service, call 1-800-955-1177.
To fax an order, use 1-800-955-0740.
To order online: www.fisheredu.com

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LAB SAFETY GUIDELINES

20 Suggestions for a Safer Laboratory

1. Your school should have a safety committee composed of members of the faculty, the administration, students, and parents.
2. Develop a safety plan for your school that covers all areas presenting hazards to students and teachers. Include the science, art, and vocational programs.
3. Develop a safety orientation for all new science teachers and review the school's safety plan with the entire science faculty at the beginning of the school year.
4. Require all science teachers to participate in a NIOSH-approved safety course every five years.
5. Conduct a safety walkthrough of all laboratories/classrooms, preparation rooms, and stockrooms at the beginning of each school year. Make the administration aware of any deficiencies in writing and take steps to correct them.
6. Develop an appropriate safety unit for each science course and present the lesson during the first week of school. The unit should include a safety contract that all students and their parents must read and sign before they participate in any laboratory activities.
7. When planning a laboratory activity, ask yourself the following questions:
 - a. *Is there another investigation that would teach the same concept more safely?*
 - b. *What precautions must be taken to ensure a safe activity?*
8. Make the first step in every activity a review of necessary safety precautions, including the Material Safety Data Sheets (MSDS) for each chemical to be used.
9. Require everyone in the laboratory, including visitors, to wear appropriate safety equipment during an investigation.
10. Preplan the steps to be taken in the event of each probable kind of accident.
11. Forbid students from entering or working in preparation rooms or stockrooms.
12. Do not allow anyone, including teachers, to work alone in a laboratory or preparation room.
13. Store all chemicals in an appropriate secured stockroom when they are not in use.
14. Test all safety systems at least once each month.
15. Test every safety shower, eyewash, or drench hose once each week and record results.
16. Forbid eating or drinking in all laboratories and preparation rooms.
17. Do not allow food to be stored in science refrigerators.
18. Reduce chemical inventories to minimum amounts of each chemical. Keep only those chemicals being used as part of your school's instructional program.
19. Shelf chemicals using the Fisher Chemical Shelving System. (ChemAlert Labeling Kit [S475649])
20. Maintain a clean environment in all science workspaces.

Some of these guidelines may seem daunting. Instituting a safety program may not be easy, but it will give safety the attention it needs to create and maintain safe laboratories in your school.