

New Health Science Curriculum!

Clinical Laboratory Science

The Clinical Laboratory Science Career Pathway Unit guides students through many career opportunities within the Clinical Laboratory setting. Students develop laboratory safety and quality assurance knowledge while learning techniques on controlling infections. Students also participate in hands-on phlebotomy activities while also learning medical math and terminology.

Activity 1	Introduction
Activity 2	Lab Safety & Quality Control
Activity 3	Microscope & Lab Equipment
Activity 4	Medical Math
Activity 5	Urinalysis
Activity 6	Blood Cells
Activity 7	Blood Types
Activity 8	The Circulatory System
Activity 9	Venipuncture
Activity 10	Post-Test & Wrap-Up
Activity 11	Bonus Activities
Activity 12	Challenge
Activity 13	Open-Ended Challenge
Activity 14	Careers
Activity 15	Job Shadow

Skills:

- Use laboratory supplies and equipment to complete laboratory procedures.
- Convert measurements into metric units.
- Perform a simulated urinalysis.
- Practice oil immersion microscopy.
- Construct and explain a model of a DNA molecule.

Knowledge:

- Discuss the importance of quality control.
- Identify ethical/unethical procedures and policies.
- Discuss proper techniques to collect blood cells.
- Identify five types of white blood cells.
- Discuss anemia.
- Discuss the blood types and how they interact.
- Describe the clotting process of blood.



Clinical Laboratory Science Includes: Student Workbook, Instructor's Manual, Installation CD, Headphones, Blood Typing Kit, Comprehensive Microscope and Slides, Micro-Centrifuge Storage Box and Tubes, Urinalysis Kit, Venipuncture Training Kit.