

Women and Technology and Trade STEM Kit Info Sheet



LOCKPICKING KIT

Kit Description:

Through the lock picking kit students will explore the structure and mechanism of a standard tumbler lock. They will learn the mechanical method by which it unlocks, and will practice unlocking it without a key. They will discuss the ethical and educational reasons for learning lock picking.

This activity will assist in developing fine motor skills and manual dexterity, along with both understanding of mechanical devices, and use analytical skills to adapt strategies to solve the lock system.

Key Areas Covered:

*Communication Technology: Technology and Society
Communication Technology: Ethical Issues
Computer Technology: Ethics and Security
Technological Education: Professional Practice and Career Opportunities
Physics: Developing Skills and Dexterity with tools
Physics: Understanding mechanisms*

Material Required:

*Locks with different numbers of pins (clear lock recommended)
Hook Picks
Tension wrench*

