

MODULE OVERVIEW

This module presents information on air-purifying and air-supplying respirators. Each type of respirator is discussed in detail – including component parts, principle of operation, use, maintenance and storage. You will learn specifically about the systems used in your school's shop, and will be reminded about the rules regarding PPE use.

OBJECTIVES

After completing this module, you will be able to:

- Explain how air-purifying and air-supplying respirators work.
- Identify the components of each system and explain their role.
- Demonstrate how to properly put on and remove a respirator.
- Explain respirator storage and maintenance best practices.
- List the elements of a respiratory protection program and business owners responsibilities.

CLASSROOM

PowerPoint presentations:

- **Respirators – Part 1 – Air-purifying Respirators**
- **Respirators – Part 2 – Supplied-air Respirators**

LAB

You will practice performing a user seal check for tight fitting respirators, and learn about how to use a PAPR unit. You will learn about the fresh-air system used in the school's shop and will practice putting on, taking off, cleaning and storing the fresh-air system respirator.

HOMEWORK

- **Respirators – Homework.pdf** - watch a video describing qualitative fit test procedures. Read a Newsletter describing a collision shop owner responsibilities towards workers wearing respirators in the shop.
- **Quiz**

ADDITIONAL RESOURCES

"I want to know more" folder – information on carbon monoxide, cartridge change-out frequency, respiratory protection selection, and hazardous waste management.

