



A Multi-State Curriculum Consortium

Construction

- **Careers**
- **Shop Safety**
- **The Basics**
- **Hand Tool ID & Terminology**
- **Wood & Metal Tools**

Careers: Architecture & Construction

Learn what the architecture and construction career field can offer you. See why more than eight million Americans choose this field. Professionals will show you why they became an architect, drafter, surveyor, landscape architect and construction professional. A supplement is included. CEV00939 (VHS/DVD) \$99.00

Shop Safety

Basic Shop Safety

The presentation combines live action with section quizzes as it emphasizes the importance of wearing personal protective equipment; safety precautions to follow to prevent fire, chemical and electrical hazards; and emergency guidelines, including first aid steps and procedures. Everyone working in a shop environment should view the important tape. A supplement is included.

CEV00865

(VHS/DVD) \$115.00

Safety & Operation of Tools

Hosted by Bob Herman, Dr. David Lawver and Dr. Bill Jowell, this DVD is well-organized and filled with bits of inside advice. This DVD is designed to switch from English to Spanish during any moment of viewing with the push of a button. The 19 chapters cover tools grouped into four sections: Striking and Struck Tools, Portable Wood Tools, Large Wood Power Tools and an all inclusive section on Safety Procedures. The material focuses on common tasks, standard procedures and uses and puts added emphasis on safety precautions. Each section of this DVD includes helpful and printable goals, objectives and quizzes, along with useful hyperlinks to subject matter websites. This DVD is best suited as an excellent introduction to the wide world of power tools and the effective and informative live action demonstrations make it easy to follow along. 142 min, 5 sections, 24 printable resources and 14 web resources.

CEV80780 (DVD) \$195.00

The Basics

Energy Conservation

Energy Conservation provides excellent tips on conserving energy, including weather stripping windows and doors, applying caulk and insulating an attic floor. The presentation also includes tips on thermostats, hot water heaters and vapor barriers. A supplement is included.

DIY72001 (DVD) \$39.00



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Building Construction: Basic Surveying

Computer-generated visual effects help illustrate surveying concepts often difficult to teach in a classroom setting, such as differential leveling and profile leveling. As the featured expert illustrates route surveying and the setting of property boundaries, he also discusses equipment, field notes, other data collection and data analysis techniques. A supplement is included.

CEV00797 (VHS/DVD) \$99.00

Marking & Measuring Devices

Several different tools can be used to measure materials. This Microsoft® PowerPoint® presentation illustrates various methods used to mark and measure materials. Students learn to apply marking and measuring techniques. 16 slides.

CEV70077 (PowerPoint) \$64.00

Tool Security & Maintenance

Several methods of tool storage and maintenance are explained during the program. Examples of tool cabinets and central tool rooms are shown and discussed. Any shop teacher will welcome the featured expert's discussion of tool checkout systems, inventory control and security. A supplement is included.

CEV00822 (VHS/DVD) \$49.00

Basic Scaffolding: Safety & Assembly

Scaffolding safety procedures are addressed as students assemble a two-tiered scaffold. A scaffolding professional, with over 30 years experience in the construction industry, takes viewers through the step-by-step process of constructing a scaffold. Although many types of scaffolds exist, the presentation details the set-up, dismantling and elements of a standard scaffold. A final checklist ensures the correct and safe way to construct a scaffold. A supplement is included.

CEV00791 (VHS/DVD) \$95.00

Hand Tool ID & Terminology

Hand Tool ID & Terminology

Proper hand tool identification is essential for the safe and correct usage of the tool. In the program, a wide variety of screwdrivers, hammers, pliers, punches and chisels are displayed. The names, distinguishing characteristics, safety tips and the proper usage of each tool are discussed. A supplement is included.

CEV00823 (VHS/DVD) \$49.00



Hand Tool ID & Terminology—III

Names, distinguishing characteristics and proper usage are shown for micrometers, screw extractors, gasket and carbon scrapers, twist drills, reamers, drills, bits, taps and dies, as well as other general cold metal tools. Expert narration and safety tips

accompany each tool. A supplement is included.

CEV00825 (VHS/DVD) \$49.00

Hand Tool ID & Terminology—II

Various types of wrenches (includes open-end, box-end, adjustable and torque), as well as sockets, ratchets and various accessories are featured in this videotape. The names and distinguishing characteristics of each tool are discussed and its proper usage is demonstrated. A supplement is included.

CEV00824 (VHS/DVD) \$49.00



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Practice Hand Tool ID—I

Presented in this videotape are approximately 40 general purpose and mechanical hand tools including several types of screwdrivers, hammers, pliers, punches, chisels and wrenches. The tools are presented in two classes of 20 tools each. Tools are shown individually for student identification, followed by an answer key for confirmation and evaluation.

CEV00826
(VHS/DVD) \$49.00

Practice Hand Tool ID—II

Providing additional tool identification practice, this videotape includes two classes of 20 tools each. Each class is followed by a key identifying correct names and primary uses of each tool. Tools shown: screwdrivers, hammers, pliers, punches, chisels, wrenches and other general cold metal tools.

CEV008267
(VHS/DVD) \$49.00

Striking & Struck Tools: Safety, Operation & ID

Watch as our featured experts display, explain the function of and demonstrate usage for a variety of hammers, mallets, punches, drills and chisels. Learn why the end of a ball pein hammer is round, when to use a soft-faced hammer and the proper way to strike a chisel. Also receive tool tips you can really use, such as how to begin a nail without hitting your thumb. Safety precautions are presented in a way students will not forget. A supplement is included.

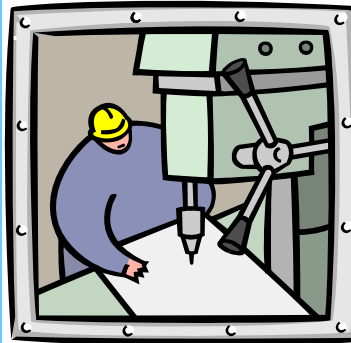
CEV00781 (VHS/DVD) \$95.00

Wood & Metal Tools

Large Metal Power Tools: Safety & Operation

Safety and proper operating procedures are demonstrated for the following metal power tools: drill press, metal shear, abrasive cutoff machine, horizontal metal cutting band saw, and grinder. Also included are sharpening techniques for a twist drill, wood chisel, metal cold chisel and wood hatchet; grinding techniques to remove a mushroom head on a metal punch and claw hammer; and techniques for dressing a grinder wheel with a star-type wheel dresser. A supplement is included.

CEV00800 (VHS/DVD) \$89.00



Portable Wood Power Tools—II: Safety, Operation & ID

Personal protection equipment, equipment safety checks, correct usage of tool accessories and tips for better results are emphasized as experts demonstrate the operation of hand drills, routers and reciprocating saws. In

addition to tool operation information, the video teaches shop safety in a way your students won't forget. A supplement is included.

CEV00782 (VHS/DVD) \$95.00

Portable Wood Power Tools—I: Safety, Operation & ID

Two featured experts, who have more than 50 years of tool and shop experience between them, explain the functions and uses of circular saws and jig saws. Viewers learn the parts of each tool, types and uses of blades, operation tips and safety precautions for each saw. Then, the experts show how to get the most out of the portable sander. Viewers learn the different types and uses of sanders and how to select the right grade of sandpaper. A supplement is included.

CEV00782 (VHS/DVD) \$95.00

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