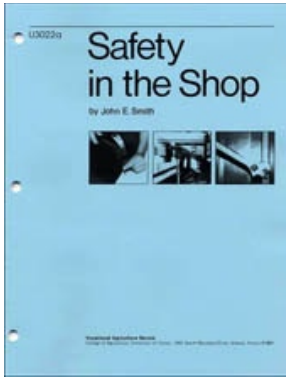




Ag Mechanics

Units



U3022a
Safety in the Shop, 32p
 Price: \$3.50

Q3022
Student Safety Tests, 32p
 Price: \$3.50

K3022
Teachers' Key for Q3022
 Price: \$3.50

Transparencies.....

T457
Shop Tool Identification, 24 fr., w/guide
 Price: \$21.00

171 shop tools are divided into 6 categories: carpentry and woodworking, engine and machinery, metalworking, various construction skills, hand power, and horticulture.

Other Materials.....



MZ490
Safety Chart Set, Set of 27 Charts on Safety Rules
 Price: \$27.50

27 laminated 8 1/2" x 11" charts constantly remind students of the importance of working safely. Heavy black print is highly visible on bright yellow paper. Special lists of safety rules should be posted in every work area.

Z490.1 General Shop
 Z490.2 Everyone Must Wear Safety Glasses at all Times in Shop
 Z490.3 Think Safety to be Safe
 Z490.4 No Horseplay or Running in Shop
 Z490.5 Tools Must be Returned & Shop Cleaned After Each Class
 Z490.20 Hand Tool
 Z490.21 Electrical Equipment
 Z490.22 Vehicle and Machinery Repair
 Z490.23 Soldering and Sheet Metal Work

- Z490.30 Portable Circular Saw
- Z490.31 Tilting Arbor Saw
- Z490.32 Radial Arm Saw
- Z490.33 Saber and Reciprocating Saw
- Z490.34 Band Saw
- Z490.35 Power Metal-Cutting Saw
- Z490.40 Jointer
- Z490.41 Router and Planer
- Z490.42 Sander
- Z490.43 Stationary Grinder
- Z490.44 Portable Grinder
- Z490.45 Drill Press
- Z490.46 Portable Drill
- Z490.60 Shielded Metal Arc Welder
- Z490.61 Oxyfuel Welder
- Z490.62 Inert Gas Shielded Arc Welder
- Z490.63 Spot Welder
- Z490.70 Gas Forge

CD-ROMS



MDS320

Hardware and Fastener Identification CD-ROM

Price: \$99.00

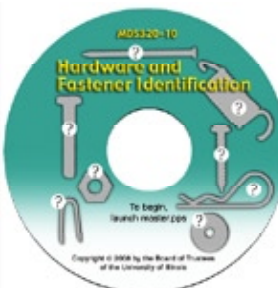


This CD-ROM instructional resource provides PowerPoint slides for hardware and fastener items in the following categories:

- Bolts
- Braces, Brackets, and Hinges
- Miscellaneous Fasteners
- Nails
- Nuts
- Other Hardware
- Screws
- Washers

Each hardware category presents a set of images with names, a practice set with images-only, and an interactive quiz that allows the user to identify the item among three choices. Quizzes (including printed quizzes and keys) are provided for each category.

This unique teaching resource of more than 1,650 slides is designed with a master navigation slide to make it easy to find the desired file for viewing. Internal navigation links the table of contents with each item and permits the user an efficient method of viewing this large collection of information.



MDS320-10

Hardware and Fastener Identification QUIZ Pack CD-ROM

Price: \$200.00



This product is a collection of quizzes from the Hardware and Fastener Identification CD-ROM. This product is designed to be distributed to students as they review hardware and fastener identification at individual workstations in a computer lab, classroom computer, or on home and laptop computers.

The quiz packs provide helpful review sessions for students by providing immediate feedback. The quiz packs are also ideal for anyone preparing to participate in career development events.

The quiz packs are developed in Microsoft PowerPoint and will run well on PC or Mac computer platforms. A Master Navigation file is provided to view the files on the quiz pack.

Ag Mechanics



MDS340
Hand Tool Identification
 \$109.00

MDS320 is an onscreen instructional resource that provides digital images for approximately 300 hand tools. The tools are divided into 18 categories and the presentations have been developed using Microsoft PowerPoint and should run well on PCs or Macs. The hand tool categories include Clamps, Cutting and Scraping Tools, Drilling and Boring Tools, Files, Hammers and Striking Tools, Leveling Tools, Measuring Tools, Miscellaneous Tools, Planes, Pliers, Pry Bars, Punches and Chisels, Saws, Screwdrivers, Small Gas Engine Tools, Squares, Threading Tools, Wrenches, and a single set containing all of the tools in a single presentation. The presentation includes a set of images with names, a practice set that includes only the image, a set of images with a description that includes use, size and maintenance, and the final set of presentations includes an interactive quizzing session which allows the user to identify a predetermined hand tool among three choices. Also on the CD-ROM are quizzes and keys for each hand tool category. In total, this CD-ROM contains over 2,100 slides.



MDS340-10
Hand Tool Identification Quiz Pack
 Price: \$225.00

MDS340-10 Hand Tool Identification Quiz Pack is a collection of quizzes from the MDS340 CD-ROM (Hand Tool Identification). This product is packaged as 10 CD-ROMs and is designed to be distributed to students as they review hand tool identification at individual work stations in a school computer lab, classroom computer, or on home and laptop computers. The quiz packs are ideal for students who need review sessions that provide immediate feedback and who are preparing to participate in Career Development Events.

The quiz packs are developed in Microsoft PowerPoint and should run well on PC or Mac computers. There are over 1,070 frames of PowerPoint on this CD-ROM. A Master Navigation file is provided to view the many files on the Quiz Pack.

Carpentry & Construction

Units

U3009a
Using the Carpenter's Square, 20p
 Price: \$2.25

U3045
Metal Roofing & Siding for Farm Structures, 16p
 Price: \$1.75

U3051b
Planning a Construction Project, 24p
 Price: \$4.00



This instructional unit is designed to provide instruction to beginners as they learn to plan and construct a wood or metal project. The unit provides step-by-step instruction for developing a project plan, creating a bill of materials, and making a stock cutting list. Additionally the unit provides instruction on developing a procedure for constructing the project. Determining material lists and purchasing materials is discussed with some information on pricing project materials. Example pages for each project planning step are included in the unit. Blank pages for student use are also included in the unit. Sample student evaluation pages are provided in addition to a sample instructor evaluation form.

U3055

Lumber: Grading, Selecting, Buying, Using, and Storing, 20p

Price: \$2.25

Transparencies.....

T426

Lumber—Buying, Grading, Selecting, Storing and Using, 50 fr., w/guide

Price: \$39.50

Use with the unit U3055 with the same title. Features illustrations, examples, and tables about lumber.



CD-ROMS

DT422a

Rafter Marking, 62 fr.

Price: \$49.50

Rafter Marking is a 62-frame PowerPoint revision of the Rafter Marking transparency set with a teacher supplement. This set provides step-by-step directions for marking gable and shed rafters using a framing square. The PowerPoint presentation is supplemented with internal navigation and is designed to work in cooperation with U3009a Using the Carpenter's Square. Building parts are identified and defined as part of this colorful presentation. Teacher supplemental materials include two quizzes and four practice problems, each with a key included on the CD-ROM.



DT423a

The Steel Square

Price: \$49.50

This presentation provides general information about square types, scales, and tables plus step-by-step directions are provided for marking a brace and stair stringers. Also included are images of roof types and rafter types as they apply to different roof styles. Teacher supplemental materials include a test, 2 quizzes, and 7 practice problems, each with a key.



Electricity

Units, Exercises, Teacher's Key

U3003c

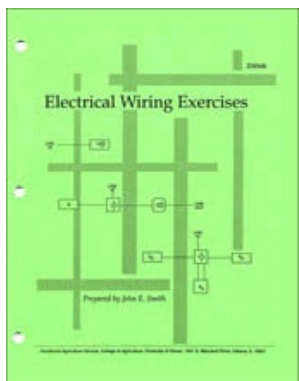
Planning for Electrical Wiring, 48p

Price: \$5.50

U3016a

Electrical Wiring Procedures, 28p

Price: \$3.25



Ag Mechanics

Z3016b

Electrical Wiring Exercises, 28p

Price: \$3.25

U3038

Using Three-Phase Electrical Power on the Farm, 8p (bundle of 10)

Price: \$9.00

U3057

Electrical Controls in Agriculture, 20p

Price: \$2.25

U3058

Selecting Electric Motors for Use in Agriculture, 24p

Price: \$2.75

U3059

Installing and Caring for Electric Motors in Agriculture, 28p

Price: \$3.25

U3061

Selecting Equipment for Electrical Installations, 24p

Price: \$2.75

Transparencies.....

T400a

Wiring Exercises, 55 fr., w/guide

Price: \$43.00

The illustrations and diagrams for 48 electrical wiring exercises are clearly drawn and easy to follow. The 32-page study guide discusses and explains each transparency in detail.



CD-ROMS

DT400a

Electric Wiring Diagramming – Steps and Examples

Price: \$60.00

This on-screen instructional tool of over 430 PowerPoint frames provides a sequential, step-by-step procedure to sketch 20 electric wiring diagrams. The material is organized as 5 PowerPoint units, each with 4 sample exercises. The CD-ROM also contains 9 practice problems, 2 quizzes, and keys for all supporting material.



MDS300

Electric Wiring Hardware Identification

Price: \$109.00

This on-screen instructional resource provides more than 1,200 PowerPoint slides detailing over 170 electric wiring hardware items. In addition to the complete set, the hardware is subdivided into 9 categories: boxes, cable and conduit, connectors and couplings, cord equipment and covers, knockout plugs and lampholders, miscellaneous hardware, receptacles and service equipment, switches and wall plates, and tools. The presentations include a set of images with names, a practice set with only images, and an interactive quiz format that lets the user identify an image among three choices.





MDS300-10
Electric Wiring Hardware Identification Quiz Pack
Price: \$225.00

A collection of quizzes-only from the electric wiring identification CD-ROM. The quiz pack is 10 CD-ROMs for distribution to students at individual workstations (school computer lab, classroom computers, home and laptop computers). The quiz packs are ideal for preparing students to participate in Career Development Events.

Machinery

Transparencies.....

T440
Basic Principles of Hydraulics, 59 fr., w/guide
Price: \$46.00

Emphasis is on hydraulic principles, basic formulas, pistons, pumps, valves, and design functions of hydraulic systems.

Small Engines

Units



U3014
Small Engines—Principles of Operation, Trouble-Shooting & Tune-Up, 16p
Price: \$1.75

U3019
Small Engines—Repair and Overhaul, 20p
Price: \$2.25

U3020
The Two-Cycle Engine, 20p
Price: \$2.25

Transparencies.....

T489
Small Gas Engines, 50 fr.
Price: \$37.25

Basic principles of small engine operation, repair and overhaul, and maintenance are included.

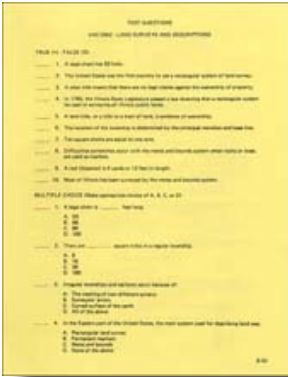
Surveying

Units, Test Questions, Teacher's Key, Other Materials

U2042

Land Surveys and Descriptions, 8p (bundle of 10)

Price: \$8.80



Q2042

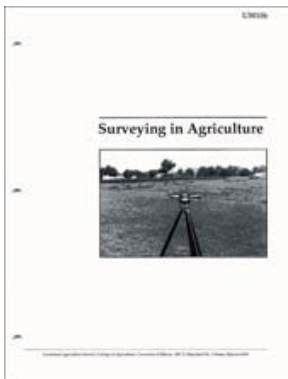
Test Questions, pkg. of 10 plus key

Price: \$2.40

U3010b

Surveying in Agriculture, 44p

\$4.85



Z436

Field Book for Surveying Notes

Price: \$1.65

Tractors & Large Engines

Transparencies.....

T485a

Tractor Safety, 50 fr., w/guide

Price: \$39.45



Safety rules and procedures presented apply to all sizes of tractors. The 24-page study guide includes information about each transparency.

Welding & Metalwork

Units



U3001a
Oxyacetylene Welding and Cutting, 28p
Price: \$3.25



U3004a
Shielded Metal-Arc Welding, 48p
Price: \$5.30



U3027
Soldering for Home, Farm and Shop Applications, 24p
Price: \$2.65



U3036
Tungsten Inert Gas (TIG) Welding, 32p
Price: \$3.50

U3037
Metal Inert Gas (MIG) Welding, 44p
Price: \$4.85