

OCC Education

ABC of Hand Tools

021852 VH
PIMJSA 33 min 1946 General
Motors (distributor)
Shows how tools should be used to get the best results. Animated by Walt Disney.

Tools; Simple Machines

Alert: Line Officer Training Series

For descriptions see individual titles:
Crime Scene Preservation [597134]
DUI, Deranged, or . . . ? [597131]
Essential Communication Skills: Part I [597126]
Essential Communication Skills: Part II [597127]
Essential Communication Skills: Part III [597128]
Field Interviewing: Recognition of Deception [597133]
Responding to Domestic Violence: Part I [597129]
Responding to Domestic Violence: Part II [597130]
Use of Force: The Key to Lawful Use [597132]
Use of OC (Oleoresin Capsicum) and Pepper Spray in Corrections [597125]

Alternative Framing Techniques

597200 DV
SA 14 min CA 2006 Films for the Humanities
Building Trades II Series - Closed-captioned. Discusses different techniques for framing a residence including panelizing, structured insulated panels, cold-formed steel, and insulated concrete forms, covering the installation process and advantages and pitfalls of each. For additional resources use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Houses; Building; Construction

Apply and Remove Color Products

597799 DV
SA 29 min 2009 Video Education America
Hair and Beauty Series - A practical and informative look at modern hair colors and techniques. Professional salon owner Tracey Lauretta reveals skills needed for coloring and for client consultation. Contains: 1 Disc.

Personal Appearance; Cosmetology

Art: New and Old Techniques

595067 VH, DM
MJS 22 min 2002 Filmwest Associates Ltd
How It's Made Series - Includes: Animation; Holograms; Bronze Sculptures; and Lost Wax Process Casting. A five minute visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Art; Manufacturing; Industry and Technology

At the Cutting Edge: Lasers in Design Technology

596853 DV
MJS 27 min 2007 Video Education America
Learn how lasers are used in industry, how they can be used in schools, and then see how their use is integrated in two school projects. Contains: 1 Disc.

Lasers; Industry and Technology

At the Office

595063 VH, DM
MJS 22 min 2002 Filmwest Associates Ltd
How It's Made Series - Includes: Computers; Fluorescent Tubes; Office Furniture; and Steel Safes. A five minute visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Industry and Technology;
Manufacturing; Business;
Computers

Auto Shop Safety

597156 DV
JS 16 min 2007 TMW Media Group
Workshop Safety Series - Set in a high school shop, potentially hazardous situations and emergency responses are shown. Covers fire hazards, safety gear, jack usage, power tools, and ventilation. Contains: 1 Disc and In-case Teacher's guide.

Tools and Machines; Safety
Education; Automobiles -
Maintenance and Repair

Basic Car Care (Revised Edition)

026977 VH
SA 22 min 1999 Meridian Education Corp
Tips for keeping late model cars running safely and dependably. Includes checking and adding fluids, inspecting belts, hoses, changing a flat tire, using jumper cables, and more. Teacher's guide.

Driver Education; Automobiles -
Maintenance and Repair

Biotechnology/Marine Biology

023067 VH
MJS 19 min 1992 Takeoff
Takeoff: Careers for the 21st Century Series - An overview of the education, job requirements, employment outlook, and earnings involved in pursuing a career as a biotechnologist or marine biologist. Teacher's guide.

Vocational Guidance; Marine
Biology; Biotechnology; Career
Education

The Building Layout Process

594448 VH
SA 24 min 2003 Delmar Thomson Learning
Residential Construction Academy Carpentry Series - Tape #1. Students learn to position a building on a lot using a plot plan, use a transit level, establish the perimeter of the building, and mark elevations. Teacher's guide.

Construction; Houses; Building

Building Products 1: Building Homes

595057 VH, DM
MJS 26 min 2002 Filmwest Associates Ltd
How It's Made Series - Includes: Solar Panels; Bricks; Nails and Staples; Wood Doors; and Construction Wood. A five minute visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Solar Energy; Industry and
Technology; Houses; Manufacturing

Building Products 2: Big Construction

595058 VH, DM
MJS 26 min 2002 Filmwest Associates Ltd
How It's Made Series - Includes: Steel; Plate Glass; Electrical Wires; Safety Glasses; and Granite. A five minute visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Industry and Technology;
Manufacturing

Building Trades II Series

For descriptions see individual titles:
Alternative Framing Techniques [597200]
Ceiling and Roof Framing [597201]
Construction Estimating: Industry Standards [597203]
Design and Planning [597202]
Electrical: Rough-in and Final [597204]
Floor and Wall Framing [597205]
Floor Coverings [597206]
Foundations [597207]
Frames: Doors and Windows [597208]
Framing for Rough-ins [597209]
Interior Doors, Frame, and Trim [597210]

OCC Education

Interior Wall and Ceiling Finish [597211]
Introduction to Framing [597212]
Location and Excavating: Site Preparation [597213]
Mechanicals: Rough-in and Final [597214]
Plumbing: Rough-in and Final [597215]
Roofing, Siding, and Finishing [597216]
Thermal Insulation and Vapor Barriers [597217]
Ventilation [597218]
Wall and Roof Sheathing [597219]

Ceiling and Roof Framing

597201 DV
SA 12 min CA 2006 Films for the Humanities
Building Trades II Series - Closed-captioned. Reviews techniques and terms for framing ceilings and roofs including rafters, joists, and planking. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Construction; Houses; Building

Changes in Timber Harvesting

021906 VH
A 2019 Allied Film & Video
Bringing in tree-length cedar with a 235 rigged for skyline logging is only one of dozens of specialized tools seen... felling, forwarding, and loading.

Forests and Forestry; Logging

Clothing and Jewelry

595069 VH, DM
MJS 26 min 2002 Filmwest Associates Ltd
How It's Made Series - Includes: Jeans; Winter Jackets; Safety Boots; Diamond Cuttings; and Gold Rings. A five minute visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Clothing and Dress; Industry and Technology; Manufacturing

Code Check: A Field Guide to Building a Safe House

595654 DV
SA 55 min 2005 Construction Book Express
Explains building codes in detail with on-site displays, pictorial examples, and interviews with experts. Contains: 4 Discs (Electrical, Mechanical, Building, and Plumbing), and 1 Code Check Guide: 4th edition.

Houses; Construction; Building

Concrete Secrets: Driveways and Sidewalks

598117 DV
SA 30 min 1999 Films for the Humanities
Shows step-by-step how to order concrete for delivery, pouring out, rodding, tamping, bullfloating, edging, jointing, and brooming. DVD Contains: 1 Disc.
Building; Construction

Construction Estimating: Industry Standards

597203 DV
SA 19 min CA 2006 Films for the Humanities
Building Trades II Series - Closed-captioned. Discusses the factors builders need to consider when estimating a residential building project including framing, roofing, and other variables. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Construction; Houses; Building

Crime Scene Preservation

597134 VH, DV, DM
SA 34 min 1996 Alert Publishing, Inc.
Alert: Line Officer Training Series - Alert covers the comprehensive aspects of managing and securing a crime scene, from preserving evidence to carefully documenting and logging all presumed evidence. This program uniquely blends a role-playing scenario of a crime scene, with an actual case that was solved using DNA identification. DVD contains: 1 Disc and both contain Teacher's guide folder.

Crime and Criminals; Law Enforcement; Forensic Science; Police Training; Criminal Investigation

Deconstruction: The Science of Building a House Series

For descriptions see individual titles:
Foundation to Roof [598112]
Plumbing to Paint [598113]

Design and Planning

597202 DV
SA 14 min CA 2006 Films for the Humanities
Building Trades II Series - Closed-captioned. Introduces the steps involved in designing a home and planning for construction. Includes types of drawings and blueprints, building permits, and design considerations. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Construction; Building; Houses

Designing a Lawnmower

596031 DV
S 17 min 2004 Classroom Media
Follows the process in an industrial design office. Includes brainstorming, sketches, 3-D rendering, prototype, testing, engineering, and manufacturing. Contains: 1 Disc and In-case Teacher's guide.
Industry and Technology; Structural Design

DUI, Deranged, or ?

597131 VH, DV, DM
SA 12 min 2003 Alert Publishing, Inc.
Alert: Line Officer Training Series - Features live footage of an actual traffic stop in Florida. Officers stop a suspect assuming that he is driving while intoxicated. As the officers conduct a field sobriety test, the suspect falls and convulses into a seizure. The officers quickly realize that they are not dealing with a DWI case but a diabetic seizure. This program teaches officers to always expect the unexpected. DVD contains: 1 Disc and both contain In-case Teacher's guide.

Police Training; Law Enforcement; Crime and Criminals

Electrical: Rough-in and Final

597204 DV
SA 15 min CA 2006 Films for the Humanities
Building Trades II Series - Closed-captioned. Discusses the process for completing the rough-in and final stages of electrical work on a home. Includes factors to consider when making wiring decisions and the different electrical products available. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Construction; Building; Houses

Entrepreneurs: An American Adventure Series

For descriptions see individual titles:
The Salesman: Giving 'em What They Want [020470]

Espresso Coffee Service: Preparing and Serving Cafe Style Coffee

596856 DV
S 30 min 2006 Video Education America
Explores the techniques used by skilled baristas in making coffee. Covers espresso machines, coffee types, frothing, and correct crockery and glassware. Contains: 1 Disc and Teacher's guide.

Food Preparation; Cookery

OCC Education

Essential Communication Skills: Part I

597126 VH, DV, DM
SA 17 min 2003 Alert Publishing, Inc.

Alert: Line Officer Training Series - In a recent law enforcement survey, officers overwhelmingly rated communication skills the number one asset to possess. In this program, Alert covers the broad spectrum of essential communication skills. In part one of this three part series, the focus is on communication with victims and witnesses. DVD contains: 1 Disc and both contain Teacher's guide folder.

Communication; Law Enforcement; Police Training; Criminal Investigation

Essential Communication Skills: Part II

597127 VH, DV, DM
SA 17 min 2003 Alert Publishing, Inc.

Alert: Line Officer Training Series - Alert covers the broad spectrum of essential communication skills. In part two of this three part series, Alert focuses on verbal and non-verbal communications and emotion control. DVD contains: 1 Disc and both contain Teacher's guide folder.

Law Enforcement; Communication; Criminal Investigation; Police Training

Essential Communication Skills: Part III

597128 VH, DV, DM
SA 19 min 2003 Alert Publishing, Inc.

Alert: Line Officer Training Series - Alert covers the broad spectrum of essential communication skills. In part three Alert focuses on communication with emotionally and mentally disturbed people with an emphasis on obtaining confessions. DVD contains: 1 Disc and both contain Teacher's guide folder.

Communication; Criminal Investigation; Crime and Criminals; Police Training; Law Enforcement

Estimating Building Materials For Home Construction

597255 DV
SA 18 min CA 2002 Films for the Humanities

Closed-captioned. Provides a step-by-step guide for estimating building materials for home construction. Includes rules and formulas for material needs for a deck system, exterior walls, interior walls, roofing, electrical and plumbing systems, as well as when to consult local building codes and the architect. Contains: 1 Disc and Teacher's guide folder.

Construction; Building

Field Interviewing: Recognition of Deception

597133 VH, DV, DM
SA 43 min 1994 Alert Publishing, Inc.

Alert: Line Officer Training Series - Alert covers the three basic objectives of field interviewing: Identification of Individual, Suppression of Crime, and Intelligence Gathering. Also covered, are the problems associated with conducting a field interview, such as, uncontrolled environment or location, officer's lack of background information and the unknown status of the suspect, and detecting deception from truth. DVD contains: 1 Disc and both contain Teacher's guide folder.

Law Enforcement; Criminal Investigation; Crime and Criminals; Police Training

Floor and Wall Framing

597205 DV
SA 16 min CA 2006 Films for the Humanities

Building Trades II Series - Closed-captioned. Introduces the process and terms used when framing a building's floors and walls. Topics include girders and studs, installing sills, installing floor joists and sub-flooring, constructing shoes and plates, assembling exterior house walls, erecting exterior house walls, and constructing interior partitions.

Construction; Houses; Building

Floor Coverings

597206 DV
SA 18 min CA 2006 Films for the Humanities

Building Trades II Series - Closed-captioned. Discusses different types of residential floors such as wall to wall carpet, wood and ceramic, and shows the installation process for each. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Construction; Building; Houses

Food 1: Food Groups

595052 VH, DM
MJS 26 min 2002 Filmwest Associates Ltd

How It's Made Series - Includes: Pasta; Cheese; Fish Farming; Hydroponic Lettuce; and Apple Juice. A five minute visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Manufacturing; Food Industry and Trade; Industry and Technology; Apples

Food 2: Junk Food

595053 VH, DM
MJS 22 min 2002 Filmwest Associates Ltd

How It's Made Series - Includes: Chocolates; Potato Chips; Gummies; and Bubble Gum. A five minute visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Manufacturing; Food Industry and Trade; Industry and Technology

Food 3: Food Favorites

595054 VH, DM
MJS 32 min 2002 Filmwest Associates Ltd

How It's Made Series - Includes: Cereals; Peanut Butter; Bread; Canned Corn; Honey; and Maple Syrup. A five minute visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Honey; Food Industry and Trade; Maple Sugar; Industry and Technology; Manufacturing

Foundation to Roof

598112 DV
SA 50 min 2008 Shopware Production

Deconstruction: The Science of Building a House Series - Explains the science of construction materials. Describes how cement works, tests material strength, determines the effects of wind, earthquakes, and tornadoes on structures, and explores effects of dead load and live load. Highlights scientific aspects of concrete, steel, wood and nails, and the forces that impact them. Contains: 1 Disc.

Building; Construction

Foundations

597207 DV
SA 14 min CA 2006 Films for the Humanities

Building Trades II Series - Closed-captioned. Covers the process for readying a site for the foundation, pouring the foundation, backfilling, and how to determine the amount of concrete to order. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Construction; Building; Houses

Frames: Doors and Windows

597208 DV
SA 12 min CA 2006 Films for the Humanities

Building Trades II Series - Closed-captioned. Discusses the different types of windows and doors used in residential construction, how to frame the openings, and the process for installing windows and interior and exterior doors. For additional resources, use hyperlink on MOM

OCC Education

website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Construction; Building; Houses

Framing for Rough-ins

597209 DV

SA 15 min CA 2006 Films for the Humanities

Building Trades II Series - Closed-captioned. Provides an overview of how to plan for and construct framing to allow for the rough mechanicals. Includes planning with trade professionals and building codes to ensure structural integrity. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Construction; Building; Houses

Graphic Products: Design and Manufacture

596033 DV

JS 23 min 2003 Classroom Media

Explores the latest developments and techniques in the world of graphics. Two examples show the process to design a music CD cover, the second designs a Website to sell wetsuits. Contains: 1 Disc and In-case Teacher's guide.

Art; Industry and Technology

Hair and Beauty Series

For descriptions see individual titles:

Apply and Remove Color Products [597799]

Hair and Scalp Conditions [597800]

Hair and Scalp Conditions

597800 DV

SA 30 min 2009 Video Education America

Hair and Beauty Series - Cosmetologists learn about hair and scalp conditions they may encounter. Covers treatable conditions and ones that require medical help, contagious disorders, allergic reactions, and safe health practices. Contains: 1 Disc.

Health; Cosmetology; Personal Appearance

Health Maintenance

595061 VH, DM

MJS 26 min 2002 Filmwest Associates Ltd

How It's Made Series - Includes: Contact Lenses; Eye Glasses; Adhesive Bandages; Pills; and Bath Products. A five minute visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Health Care; Manufacturing; Industry and Technology; Medical Technology

How It's Made Series

For descriptions see individual titles:

Art: New and Old Techniques [595067]

At the Office [595063]

Building Products 1: Building Homes [595057]

Building Products 2: Big

Construction [595058]

Clothing and Jewelry [595069]

Food 1: Food Groups [595052]

Food 2: Junk Food [595053]

Food 3: Food Favorites [595054]

Health Maintenance [595061]

In the Home 1 [595059]

In the Home 2 [595060]

Industry 1: Industrialized and Computerized [595064]

Industry 2: Communicating the Word [595065]

Music and Fireworks [595068]

Recreation [595066]

Technology for the Human Body [595062]

Transportation 1: On the Road [595055]

Transportation 2: Air and Water [595056]

How Your Car Works

026978 VH

SA 15 min 2000 Meridian Education Corp

Gives step-by-step through the various systems including electrical, cooling, brake, transmission, and others, then explains how the systems work together. Aimed at anyone who may drive a car.

Driver Education; Automobiles

HVAC Basics

For descriptions see individual titles:

Residential Air Conditioning [597974]

Residential Heating and Ventilation [597975]

In the Home 1

595059 VH

MJS 21 min 2002 Filmwest Associates Ltd

How It's Made Series - Includes:

Acrylic Bathtubs; Rubber Mats;

Carpets; and Toilets. A five minute

visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made.

Teacher's guide jacket.

Manufacturing; Houses; Industry and Technology

In the Home 2

595060 VH

MJS 26 min 2002 Filmwest Associates Ltd

How It's Made Series - Includes:

Aluminum Foil; Clothes Dryers; Pots

and Pans; Aluminum Cans; and

Plastic Bags. A five minute visit with

step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Plastics; Industry and Technology; Manufacturing

Industry 1: Industrialized and Computerized

595064 VH, DM

MJS 27 min 2002 Filmwest Associates Ltd

How It's Made Series - Includes:

Microprocessors; Fibre Optics;

Automated Machines; Computer

Circuit Boards; and Rapid Tooling and

Prototyping. A five minute visit with

step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Computers; Industry and Technology; Manufacturing; Fiber Optics

Industry 2: Communicating the Word

595065 VH, DM

MJS 22 min 2002 Filmwest Associates Ltd

How It's Made Series - Includes:

Newspapers; Package Printing; Copy

Paper; and Electronic Signs. A five-

minute visit with step-by-step

explanations right at the manufacturing plant shows how each

of these items are made. Teacher's guide jacket.

Industry and Technology; Communication; Manufacturing; Printing

Inside the Automotive Technician's Toolbox

597970 DM

JS 31 min 2008 Films for the Humanities

Tools of the Trade Series - Focusing on both conventional and hybrid vehicles, this program examines the systems that make them run and the tools used to repair or replace system components.

Automobiles - Maintenance and Repair; Mechanics; Tools and Machines

Inside the Electrician's Toolbox

597971 DM

JS 26 min 2008 Films for the Humanities

Tools of the Trade Series - Examines the tools and materials used by electricians. Introduces the basics of electricity, wiring diagrams, blueprints, and safety.

Electricity; Building; Tools and Machines; Construction; Electricians

Inside the Plumber's Toolbox

597973 DM

JS 32 min 2008 Films for the Humanities

Tools of the Trade Series - Introduces the common tools of the plumbing trade with a demonstration of their proper use. Includes safety tips and four major types of tubing and piping.

Building; Construction; Tools and Machines

OCC Education

Inside the Welder's Toolbox

597972 DM

JS 23 min 2008 Films for the Humanities

Tools of the Trade Series - Shows the safe way to work with fire, gas, and molten metal as it profiles the tools used by welders. Includes basic welding diagrams and treatment of materials.

Welding; Construction; Tools and Machines

Interior Doors, Frame, and Trim

597210 DV

SA 14 min CA 2006 Films for the Humanities

Building Trades II Series - Closed-captioned. Covers the methods and materials for installing doors, fitting trim around openings, and at intersections of walls, floors, and ceilings. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Construction; Houses; Building

Interior Partition Framing

594453 VH

SA 22 min 2003 Delmar Thomson Learning

Residential Construction Academy Carpentry Series - Tape #6. Students learn to establish perpendicular reference lines, set up a jig for cutting studs, layout interior partitions, and assemble an interior partition using wood or metal studs. Teacher's guide.

Houses; Construction; Building

Interior Trim

594454 VH

SA 21 min 2003 Delmar Thomson Learning

Residential Construction Academy Carpentry Series - Tape #7. Students will learn to identify types of moldings, know how to use a miter saw, install an interior door, apply base moldings to the interior walls, and install trim on a window. Teacher's guide.

Houses; Construction; Building

Interior Wall and Ceiling Finish

597211 DV

SA 16 min CA 2006 Films for the Humanities

Building Trades II Series - Closed-captioned. Provides step-by-step instructions on installing interior ceilings and walls using drywall. Discusses different types of finishes such as paneling and plaster. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Houses; Building; Construction

Introduction to Framing

597212 DV

SA 12 min CA 2006 Films for the Humanities

Building Trades II Series - Closed-captioned. Introduces the process and materials used in framing a building including layout terms and principles, construction techniques, and standard framing plans. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Construction; Houses; Building

John Deere Consolidated Industrial Safety

024087 VH

SA 2000 John Deere

Consolidates seven safety videos of interest to construction and forestry equipment users. Looking Back (18:00); Bypass Start...The Deadly Shortcut (4:30); Safety Warning Signs (1:57); It Always Happens to the Other Guy (22:40); Round Trip to Danger (24:20); and 330 and I (25:30).

Industry and Technology; Construction Equipment; Technology; Forests and Forestry; Safety Education

Joining Metals

596860 DV

S 29 min 2006 Video Education America

Discusses the advantages of welding over non-welding methods and details fusion and non-fusion methods. Includes equipment, operating procedures, safety and preparation of materials. Types of welding and joints are explained. Contains: 1 Disc and Teacher's guide.

Manufacturing

Location and Excavating: Site Preparation

597213 DV

SA 18 min CA 2006 Films for the Humanities

Building Trades II Series - Closed-captioned. Introduces the process of locating and excavating a site for home construction. Includes assessing the property, studying the elevation, and working with excavation sub-contractors. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Construction; Houses; Building

Manufacture of Construction Lumber

022582 VH

S 60 min 1988 Catskill Mountain Lumber Co

Technology in Action Series - Trees are one of America's greatest natural resources. With proper management, they can be harvested, regrown, and harvested again in a continuing cycle. Presents the manufacture of construction lumber, from the seedling to the finished product, and modern alternatives to conventional sawn lumber.

Lumber Trade; Forests and Forestry; Construction; Agriculture; Technology

Manufacture of Pine Wood and Hardwood Lumber

022583 VH

S 60 min 1986 Catskill Mountain Lumber Co

Technology in Action Series - Shows the entire process of manufacturing hardwood and pine lumber. Teacher's guide.

Agriculture; Forests and Forestry; Technology; Ecology; Construction

Maple Trees

025401 VH

IMJS 14 min 1989 Sermin Kardestuncer

A neighbor and his young son want to continue the tradition of an elderly farmer who makes maple syrup. The different stages of production are exhibited in succession showing how sap from maple trees becomes syrup.

Maple Sugar; Agriculture; Farm Life

Mechanicals: Rough-in and Final

597214 DV

SA 15 min CA 2006 Films for the Humanities

Building Trades II Series - Closed-captioned. Provides an overview of the process for installing the heating, ventilation, and air conditioning systems of a home. Includes the process for roughing-in and the critical elements of mechanical heating and cooling systems of different types. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Houses; Building; Construction

MIT Competition

IMJS 15 min CA 1990

Scientific American Frontiers Series - Closed-captioned. Follows four student contenders through the various stages of planning, building, and testing their entries in a contest that requires them to build a vehicle from a kit of assorted machine parts, junk, and a motor. Teacher's guide.

Vehicles; Machinery

OCC Education

Music and Fireworks

595068 VH, DM
MJS 26 min 2002 Filmwest
Associates Ltd

How It's Made Series - Includes: Compact Discs; Pipe Organs; Acoustic Guitars; and Fireworks. A five minute visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Manufacturing; Musical
Instruments; Music; Industry and
Technology

New Food Trends: A Case Study in Product Development

596857 DV
MJS 27 min 2006 Video Education
America

Food industry experts explore current trends and what influences the development of new food products, especially in restaurants. Includes how consumers influence product development. Contains: 1 Disc and Teacher's guide.

Food Industry and Trade; Cookery;
Food

Plumbing: Rough-in and Final

597215 DV
SA 19 min CA 2006 Films for the
Humanities

Building Trades II Series - Closed-captioned. Provides an overview of how to complete the plumbing system in a house. Covers the types of plumbing, how to install it, and the basic principals behind how plumbing works. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Construction; Building; Houses

Plumbing to Paint

598113 DV
SA 50 min 2008 Shopware
Production

Deconstruction: The Science of Building a House Series - Explains the science of building materials. Shows how electrical, plumbing, and HVAC (Heating, Ventilating, Air Conditioning) systems work with the building envelope (windows, insulation, wallboard, paint) to keep weather out and comfort in. Demonstrates the working of circuit breakers, P-traps, R-value, paint, and more. Contains: 1 Disc.

Construction; Building

Recreation

595066 VH, DM
MJS 22 min 2002 Filmwest
Associates Ltd

How It's Made Series - Includes: Snowboards; Fishing Flies; Ice Skates; and Hockey Sticks. A five minute visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Sports; Manufacturing; Industry and
Technology

Residential Air Conditioning

597974 DM
JS 21 min 2008 Films for the
Humanities

HVAC Basics Series - Introduces the operation and service of residential cooling or dehumidifying systems.

Building; Dwellings

Residential Construction Academy Carpentry Series

For descriptions see individual titles:

The Building Layout Process
[594448]
Interior Partition Framing [594453]
Interior Trim [594454]
Setting the Forms [594449]
Stair Construction [594455]
Truss Installation [594451]
Window and Door Installation
[594452]
Wood Floor Systems/Wood Frame
Walls [594450]

Residential Heating and Ventilation

597975 DM
JS 24 min 2008 Films for the
Humanities

HVAC Basics Series - Illustrates different types of heating systems, types of ignition and fuel, major elements of furnaces, air flow components, and more.

Dwellings; Building; Heat

Responding to Domestic Violence: Part I

597129 VH, DV, DM
SA 35 min 1997 Alert Publishing,
Inc.

Alert: Line Officer Training Series - Domestic violence is increasingly becoming a big problem for law enforcement officials. In this video, Alert covers the ABCs of responding to domestic violence abuse calls, as well as covering the understanding of the three phases of the cycle of violence. DVD contains: 1 Disc and both contain Teacher's guide folder.

Law Enforcement; Domestic
Violence; Police Training; Crime
and Criminals

Responding to Domestic Violence: Part II

597130 VH, DV, DM
SA 33 min 1997 Alert Publishing,
Inc.

Alert: Line Officer Training Series - This program expands on domestic violence to include abuse of children and the elderly. Also covers how police officers deal with stalking and death threats associated with domestic violence. DVD contains: 1 Disc and both contain Teacher's guide folder.

Law Enforcement; Crime and
Criminals; Police Training; Domestic
Violence

Roofing, Siding, and Finishing

597216 DV
SA 18 min CA 2006 Films for the
Humanities

Building Trades II Series - Closed-captioned. Discusses the final stages of construction, both inside and outside of a house, including roofing materials and installation, siding, and finishing interior projects such as stairs, trim, and painting. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Houses; Construction; Building

Safety in the Woodshop

597158 DV
JS 13 min 2007 TMW Media Group

Workshop Safety Series - Set in a high school woodshop, potentially hazardous situations and emergency responses are shown. Covers material handling, wood storage, equipment usage, lifting techniques, fire prevention, cleanliness. Contains: 1 Disc and In-case Teacher's guide.

Woodwork; Tools and Machines;
Safety Education

The Salesman: Giving 'em What They Want

020470 VH
JSA 60 min 1987 PBS Video

Entrepreneurs: An American Adventure Series - Narrated by Robert Mitchum. Profiles men and women who embody the American entrepreneurial spirit. Focuses on the men and women who identified consumer appetites in an increasingly affluent American society and created new "necessities" through advertising. Featured are the mass marketing gifts of P.T. Barnum and Montgomery Ward. Teacher's guide.

Advertising; Businessmen;
Consumers; Entrepreneurship

OCC Education

Sawing and Shaping

598067 DV
MJS 9 min CA 2004 Films for the Humanities
Woodworking: The Art and the Craft Series - Closed-captioned. Explains when and how to use different types of saws in woodworking. Covers circular saw sizes and speeds, scroll saws, routers, and sliding saws for miter cuts. Contains: 1 Disc, 1 Teacher's guide folder.

Woodwork; Tools and Machines

Scientific American Frontiers Series

For descriptions see individual titles:
MIT Competition [590466]
Test Tube Truffles [590468]

Setting the Forms

594449 VH
SA 27 min 2003 Delmar Thomson Learning
Residential Construction Academy Carpentry Series - Tape #2. Students learn to set forms straight and level; place and secure reinforcements; estimate cubic yards of concrete needed; and place, finish, strip, and clean concrete slabs. Teacher's guide.

Houses; Building; Construction

Social and Ethical Issues in Design Technology

596863 DV
S 24 min 2007 Video Education America
Explores the social, lifestyle, ethical, and ecological considerations that designers and multinational companies must address while moving through the design cycle. Commentary, historic footage, and information from actual products are illustrated. Contains: 1 Disc.

Industry and Technology; Business; Manufacturing; Ethics

Stair Construction

594455 VH
SA 21 min 2003 Delmar Thomson Learning
Residential Construction Academy Carpentry Series - Tape #8. Students will identify the components of stairs and handrails; accurately calculate tread and riser dimensions; assemble and install a set of straight stairs; lay out treads and risers on stringer or carriage using a framing square; and know basic building codes for stairs. Teacher's guide.

Building; Construction; Houses

Takeoff: Careers for the 21st Century Series

For descriptions see individual titles:
Biotechnology/Marine Biology [023067]

Technology for the Human Body

595062 VH, DM
MJS 26 min 2002 Filmwest Associates Ltd
How It's Made Series - Includes: Skin Culture; Laser Eye Surgery; False Teeth; Artificial Limbs; and Hearing Aids. A five minute visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Industry and Technology; Health Care; Medical Technology; Lasers; Manufacturing

Technology in Action Series

For descriptions see individual titles:
Manufacture of Construction Lumber [022582]
Manufacture of Pine Wood and Hardwood Lumber [022583]

Test Tube Truffles

IJS 15 min CA 1990
Scientific American Frontiers Series - Closed-captioned. Scientists are looking for ways to grow black truffles. Teacher's guide.

Agriculture; Biotechnology; Farmers

Thermal Insulation and Vapor Barriers

597217 DV
SA 18 min CA 2006 Films for the Humanities
Building Trades II Series - Closed-captioned. Provides information on the benefits of properly insulating a house, different types of insulation products, and how to apply them, and the need for vapor barriers. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Houses; Construction; Building

Tools of the Trade Series

For descriptions see individual titles:
Inside the Automotive Technician's Toolbox [597970]
Inside the Electrician's Toolbox [597971]
Inside the Plumber's Toolbox [597973]
Inside the Welder's Toolbox [597972]

Transportation 1: On the Road

595055 VH, DM
MJS 22 min 2002 Filmwest Associates Ltd
How It's Made Series - Includes: Cars; Trucks; Bicycles; and Bicycle Helmets. A five minute visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Trucks; Bicycles and Bicycling; Automobile Industry; Transportation; Manufacturing; Industry and Technology

Transportation 2: Air and Water

595056 VH, DM
MJS 26 min 2002 Filmwest Associates Ltd
How It's Made Series - Includes: Airplanes; Kayaks; Helicopters; Boats; and Personal Watercraft (Seedoos). A five minute visit with step-by-step explanations right at the manufacturing plant shows how each of these items are made. Teacher's guide jacket.

Airplanes; Industry and Technology; Boats and Boating; Transportation; Manufacturing

Truss Installation

594451 VH
SA 20 min 2003 Delmar Thomson Learning
Residential Construction Academy Carpentry Series - Tape #4. Students will learn the components of a common truss, types of trusses, reading truss engineering and layout diagrams, safe handling and installation of trusses, and proper procedures when using a crane. Teacher's guide.

Houses; Building; Construction

Understanding Fuel Systems

022414 VH
SJ 18 min 2000 Pennzoil Products Company
Covers carburetors and fuel injection...what they do, how they work, and some tips on keeping them operating efficiently.

Energy; Fuel; Engines

Use of Force: The Key to Lawful Use

597132 VH, DV, DM
SA 30 min 1996 Alert Publishing, Inc.
Alert: Line Officer Training Series - Alert features Use of Force expert Randy Means. Mr. Means is nationally recognized as one of the country's foremost police legal advisors and law enforcement trainers. His work has been mentioned in the Wall Street Journal and he has conducted law enforcement training throughout the United States. The core of this video explains the three keys to winning with use of force. DVD contains: 1 Disc and both contain Teacher's guide folder.

Law Enforcement; Police Training; Crime and Criminals; Criminal Investigation

Use of OC (Oleoresin Capsicum) and Pepper Spray in Corrections

597125 VH, DV, DM
SA 30 min 1997 Alert Publishing, Inc.
Alert: Line Officer Training Series - Alert provides useful information for training Correction Officers the proper use of OC/Pepper Spray. This program will teach a Corrections

OCC Education

Officer how to gain control and compliance without having to use lethal force by using OC/Pepper Spray. DVD Contains: 1 Disc and both contain Teacher's guide folder.

Law Enforcement; Crime and Criminals; Prisons; Police Training

Ventilation

597218 DV
SA 18 min CA 2006 Films for the Humanities

Building Trades II Series - Closed-captioned. Discusses installing a ventilation system in a home including the most common designs, component parts, when to use the different systems, and the science of negative and positive air pressure and how it impacts a home's ventilation system. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Construction; Building; Houses

Wall and Roof Sheathing

597219 DV
SA 14 min CA 2006 Films for the Humanities

Building Trades II Series - Closed-captioned. Discusses the different products used to sheath the walls and roof of a home and shows the step-by-step process for installing sheathing on walls and the roof. Includes issues contractors should consider when installing sheathing. For additional resources, use hyperlink on MOM website and click on ADDITIONAL RESOURCES. Contains: 1 Disc and Teacher's guide folder.

Building; Construction; Houses

Welding Class

597159 DV
JS 16 min 2007 TMW Media Group
Workshop Safety Series - Set in an actual class, students are shown welding information and how to avoid injury when working with welding equipment. Covers Arc vs Oxyacetylene welding, electrical and gas hazards, protective equipment, skills required and opportunities for welders, and fire safety. Contains: 1 Disc and In-case Teacher's guide.

Tools and Machines; Safety Education

What's Up in Factories?

591914 VH, PB
MJS 30 min 2002 WCNY Public Television

This program illustrates how the "typical" factory has been improved and updated and how that affects careers typically thought to be non-technical.

Careers; Work; Work Environment

Window and Door Installation

594452 VH
SA 18 min 2003 Delmar Thomson Learning

Residential Construction Academy Carpentry Series - Tape #5. Students will understand the components, installation, and types of doors and windows. Teacher's guide.

Houses; Building; Construction

Wood Floor Systems/Wood Frame Walls

594450 VH
SA 28 min 2003 Delmar Thomson Learning

Residential Construction Academy Carpentry Series - Tape #3. Students learn to lay out and install floor joists; install cross bridging; apply subflooring; layout and assemble bearing wood frame walls; and read blueprints for window, door, and wall locations and sizes. Teacher's guide.

Construction; Houses; Building

Woodworking: The Art and the Craft Series

For descriptions see individual titles: Sawing and Shaping [598067]

Workshop Safety Series

For descriptions see individual titles: Auto Shop Safety [597156] Safety in the Woodshop [597158] Welding Class [597159]