

# School Loan Catalog

Lakeview Museum of Arts & Sciences



**OFFICE HOURS:** The School Loan office is open for appointments weekdays 1-5 p.m. If you would like to preview kits, please call for an appointment at (309) 686-7000, ext. 131.

## School Loan

The School Loan Program has been circulating unique educational resource materials to the Peoria area since 1972. This list is intended to give you an overview of our many kits. Please feel free to call us for more detailed information on the contents of individual kits.

## Who Can Borrow?

Resource kits may be borrowed by any educator. This includes home-schoolers, school teachers, scout group leaders, Picture Persons, and educators at senior care facilities, park districts, libraries, or community centers. Student teachers should list their supervisory teacher on the request form.

## What Can You Borrow?

Resource kits cover a variety of topics: Sciences, Cultural Studies, and Fine Arts. Kits may contain specimens, models, videotapes, filmstrips, teaching guides, and much more.

## How to Request Materials

To request kits, complete and mail the request form located in the back of this catalog or fax it to us at 309/686-0280. Please use mail, email or fax for requests. Confirmation of written requests and more request forms will be mailed back to you. Please allow two weeks for processing your request. email: LVMSchoolLoan@yahoo.com

## Key to the Catalog

**DC** = Display case

**ST** = Slide Talk

**FS** = Filmstrip

**OS** = Oversized (This means the kit is quite large and/or heavy.)

**(K-8)** = Suggested Grade Level (note: most kits can be adapted to any grade)

**Written materials** = May include: Blue Binder containing lesson plans, background information, activities, etc.; pamphlets; field guides; books; and more

**Plastic mount** = Plant or animal specimen preserved in clear plastic.

**Riker mount** = Specimen on cotton in glass box.

**CHECK OUT THE SCHOOL LOAN CATALOG ONLINE AT [www.lakeview-museum.org](http://www.lakeview-museum.org)**

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## **EARTH SCIENCE**

### **10-1 ROCK & MINERAL SPECIMENS (1-4)**

Part 1: Samples of rocks and minerals

Part 2: written materials; scale of hardness

### **10-2 INDUSTRIAL ORES AND MINERALS (5-8)**

45 Specimens of minerals and ores; written materials

### **10-3 MODEL OF THE EARTH'S CRUST (4-6)**

30 Specimens in diagram display with guide

### **10-4 SOIL FORMATION SAMPLES (4-8)**

Rock and mineral samples; soil samples in vials; guide

### **10-6 SPECIMENS OF ILLINOIS ROCKS (K-8)**

Specimens of Illinois rocks and minerals; written materials

### **10-8 SPECIMENS OF SEMI-PRECIOUS STONES (K-8)**

2 Small cases of semi-precious stones; written materials

### **11-1 LAND FORM MODELS (4-6)**

2-part Terrain model with lesson plan; written materials

### **11-2 EARTH CROSS-SECTION MODEL (4-6)**

Globe in 3 pieces; Written materials

### **12-1 ALPINE GLACIER MODEL (K-8)**

3-D Glacier model; written materials

### **13-1 EARTHQUAKES/SEISMOGRAPH (3-8)**

Seismograph model; written materials

### **14-1 VOLCANO MODEL (K-8)**

Part 1: Volcano model in display case

Part 2: Lava rock; video; vial of Mt. St. Helen's ash; written materials

### **14-2 VOLCANIC ROCK SPECIMENS (K-8)**

Volcanic rock samples; written materials

### **15-1 WEATHER FRONTS (4-8)**

Part 1: 1 Large poster

Part 2: Written materials

### **15-2 THE WATER CYCLE (K-5)**

Part 1: Water cycle model with stand and lesson plan; video; written materials

Part 2: 2 Large posters

### **15-3 WEATHER INSTRUMENTS (K-6)**

1 Oversize thermometer; hygrometer; barometer; windmeter; 5 student activity kits; written materials

### **15-5 HOW A THUNDERSTORM GROWS (K-4)**

Flannel-covered storyboard with pieces; story sheet; pattern sheet; extra felt

### **15-6 CORIOLIS EFFECT DEMONSTRATOR (K-8)**

Revolving platform and steel ball demonstrate coriolis effect; lesson plan; written materials

### **16-1 DESERT ENVIRONMENTS (K-8)**

2 Plastic mounts; written materials; Obis file

### **16-2 MEADOWS COMMUNITY (K-8)**

Part 1: Display case with key

Part 2: 4 Plastic mounts; written materials

### **16-3 FRESHWATER PONDS (K-8)**

Part 1: Display case

Part 2: 4 Plastic mounts; Obis file; 1 film with cassette & teacher's guide; 5 student kits; written materials

### **16-4 THE SALTWATER COMMUNITY (K-8)**

Part 1: Display case

Part 2: 5 Plastic mounts; Obis file; written materials

### **16-5 GROUND WATER FLOW MODEL (4-Adult)**

Part 1: Ground water model

Part 2: Materials for experiments, written materials

### **16-6 POLAR REGIONS (K-8)**

6 Study prints; written materials, video

### **16-7 THE WETLANDS (3-8)**

Part 1: Poster; cassette with guide; written materials

Part 2: Poster with activity folder

### **16-11 FOREST ENVIRONMENTS (K-8)**

Part 1: Display case with key

Part 2: 6 Study prints; Obis file; 2 plastic mounts; written materials

### **16-12 RAIN FOREST ENVIRONMENT (K-8)**

Part 1: Videos; written materials, toy squirrel monkey

Part 2: 4 Posters with guide; photos of Costa Rican rain forest

Part 3: Display case with Brazilian Tapérapé mask

### **17-4 ENDANGERED SPECIES (K-8)**

9 Study prints; 1 poster of endangered species of North America; video; written materials

### **17-5 BALANCE OF NATURE (K-6)**

1 Felt storyboard with cutouts and teacher's guide

### **18-0 OCEAN FEATURES MODEL & GLOBE (5-8)**

Part 1: 1 Relief map

Part 2: 5 Filmstrips; 55 study prints; written materials

Part 3: 1 Relief globe; 1 cassette (using bathymetric globe)

### **18-1 OCEAN FEATURES MAP (5-8)**

1 3-D Model of the North Atlantic sea floor; study prints; written materials

### **18-2 OCEANOGRAPHY (5-8)**

6 Study prints; written materials

### **18-3 COMMON SHELL SPECIMENS (K-8)**

Part 1: Large poster

Part 2: 28 Specimens; written materials

### **18-4 MARINE LIFE SPECIMENS (K-8)**

Specimens; written materials; magnifying glass

### **18-5 MARINE LIFE SPECIMENS (K-8)**

23 Specimens; written materials; magnifying glass

### **19-2 SOURCES OF ENERGY (1-6)**

Raised relief cross-section of the earth's surface showing typical energy resource locations with nine samples of energy producing resources; simple solar energy kit; written materials

## **EARTH HISTORY**

### **20-0 PLATE TECTONICS**

Continental drift globe; geology demonstration kit with guide; video; written materials

### **20-1 GEOLOGIC HISTORY OF THE EARTH (5-8)**

3-D Earth's history model with lesson plan; 20 plastic fossils; poster; written materials

### **20-2 FOSSIL SPECIMENS (5-8)**

24 fossil specimens with key; written materials

### **20-3 FOSSIL SPECIMENS (1-4)**

18 Fossils with key; magnifying glass; written materials

### **20-4 RECORDS IN THE ROCKS (5-8)**

5 Sets of study prints (on Mesozoic, Cenozoic, Precambrian, Paleozoic Eras, etc.), each with teacher's guide

### **20-5 FOSSIL WOOD SPECIMENS (5-8)**

3 Fossil wood specimens from Oligocene, Cretaceous, Cenozoic eras; written materials

### **21-2 PREHISTORIC ANIMALS (K-4)**

1 Poster of prehistoric animals

### **21-3 DINOSAURS (K-8)**

7 Models of dinosaurs; 1 tape measure; video; written info.

#### **21-4 LEARN ABOUT DINOSAURS (K-4)**

9 study prints with guide; written materials

#### **21-8 HOW DO WE KNOW WHAT DINOSAURS LOOKED LIKE (K-6)**

1 Measuring tape; 7 reproduction dinosaur fossils with key; written materials

#### **21-9 OS MESOZOIC CREATURES (K-8)**

Part 1: Oversized display case with models (guides included)

Part 2: 12 reproduction dinosaur fossils

Part 3: Tape measures; written materials

#### **21-10 DINOSAUR FUN (K-3)**

6 Dinosaur stamps; 3 small plastic dinosaur models; plastic model of triceratops hatchling; 3 dinosaur puppets; written materials

#### **21-11a DINOTRACE KIT-Triceratops (3-6)**

See 21-11A

#### **21-11b DINOTRACE KIT-Tyranosaurus Rex (3-6)**

See 21-11A

#### **21-12 DINOSAUR TRACKWAY KIT (4-12)**

Using a tape measure, protractor, calculator, and mathematical formulas (provided), students estimate dinosaur size, speed, and mode of locomotion. Includes: 20 felt dinosaur tracks (iguanodontid), 5 tape measures, 5 protractors

### **SPACE**

See also 105-1 Powers of Ten: The Relative Size of Things in the Universe

#### **30-1 THE SOLAR SYSTEM MODEL (3-8)**

Part 1: Solar system model with study guide; NASA photos; video; written materials

Part 2: 3-piece poster

#### **30-3 MARS (K-8)**

Part 1: 1 Mars globe; video; mineral set; Sojourner model; written materials

Part 2: 1 Mars surface map

#### **30-4 VENUS (K-8)**

Venus globe, book, video

#### **31-2 MOONS, METEORS & COMETS (K-8)**

Part 1: Lunar globe; meteor sample; magnifying glass; 20 slides in carousel with info sheet; mineral samples; written materials

Part 2: 2 Lunar surface models; 2-part lunar map

#### **32-1 3-STAGE ROCKET MODEL & ROCKET HISTORY (4-8)**

3-D Model of Saturn 5 with lesson plan; written materials; filmstrip with cassette

Part 2: Written materials

#### **32-5 SPACE EXPLORERS (K-5)**

2 NASA jumpsuits; photos of astronauts; soda can designed for astronauts; 1 poster *Space Explorers*; written materials

#### **32-6 SPACE SHUTTLE MODEL (5-8)**

Part 1: Space Shuttle model

Part 2: 1 Video; written materials

#### **32-8 MISSION PATCHES (K-8)**

6 Shirts with NASA mission patches; 6 NASA "Meatball" caps; video; info. on NASA missions represented

#### **33-1 DISCOVERING THE STARS (K-4)**

Part 1: 1 Poster: Our Galaxy: Milky Way

Part 2: 1 Super Star machine; 1 Sky Challenger (6 Disks); 1 star clock time disk; 10 field guides: Stars; written materials

#### **33-2 DISTANT GALAXIES (3-6)**

1 Galaxies poster; written materials

#### **33-3 STAR MYTHS AND TALES (K-8)**

1 3-Part constellation map; written materials

#### **33-4 PERSPECTIVES FROM SPACE (5-adult)**

Eight posters published by NASA as part of their celebration of the 1992 International Space Year. The posters cover a variety of topics involving space exploration and the Earth as viewed from space. Each poster has four study sheets which may be photocopied.

#### **NEW! 34-0 HISTORY OF THE UNIVERSE**

2 videos; written materials

#### **34-1 THE UNIVERSE: VIDEO (5-Adult)**

1 Video: *The Universe* (c. 1980, 30 min.): William Shatner narrates NASA footage about the planets, sun & beyond.

#### **35-3 OS TELESCOPE - STAR PARTY (1 mo. loan for trained teachers only)**

Part 1: 1 Large telescope

Part 2: Wooden swivel base

Part 3: Accessories and written materials

### **LIFE ON EARTH: Plants**

#### **40-1 PLANT KINGDOM (4-8)**

12 Plastic mounts; teacher's guide; posters; written info.

#### **40-3 KINGDOM FUNGI (K-8)**

3 Plastic mounts; 1 3-part mold; 2 transparencies; written materials

#### **41-1 PLANT & ANIMAL CELL MODEL (4-8)**

1 3-D Model of a cell with key card and lesson plan; 2 plant & animal cell transparencies

#### **41-2 PLANT CELL MODEL (4-8)**

1 3-D Model of a plant cell (2 pieces); 1 book: *Nature Discoveries With a Hand Lens*; 10 Pocketscopes; 1 low-power microscope; 1 video: *Photosynthesis* with guide; written materials

#### **42-1 FLOWER MODEL (K-4)**

1 Large 3-D model of a flower; 2 plastic mounts; 2 magnifying glasses; written materials

#### **42-2 ROOTS, STEMS AND LEAVES (3-8)**

1 Large plastic model root, stem, leaf with lesson plan and activity; 1 section of a tree; written materials

#### **43-1 SEEDS (3-6)**

3 Plastic mounts

1 16-page activity book

#### **45-1 TREE IDENTIFICATION (3-8)**

Part 1: Poster: *Leaves of North America*; 1 Feather

Part 2: 2 bark samples; 12 transparencies; poster; student leaf ID packets; written materials

#### **45-2 HOW A TREE GROWS (K-8)**

Part 1: 1 Box of wood section samples; 1 display box: samples of wood with guide; written materials

Part 2: 16 Posters

#### **45-3 WHAT WE GET FROM TREES (K-8)**

1 Display: *From Forest Tree to Hammermill Papers*; posters; written materials

#### **45-8 OUR BROTHERS, THE TREES: Storyboard (K-5)**

1 Felt storyboard with 47 felt pattern pieces and story aid; written materials

**46-1 WILDFLOWERS OF ILLINOIS (3-8)**

1 Poster: *Spring Wildflowers of Illinois*; 8 study prints; written materials

**47-1 SAMPLES OF COMMON HARMFUL PLANTS (K-8)**

3 Plastic mounts with key card; written materials

**LIFE ON EARTH: Animals, Insects, et al****50-1 5 KINGDOM CLASSIFICATIONS (K-8)**

1 Poster; written materials

**50-2 ANIMAL KINGDOM (K-8)**

12 Plastic mounts with teacher's manual

**51-1 KINGDOM PROTOZOA (K-8)**

1 Paramecium model; 5 transparencies; written materials

**51-2 KINGDOM MONERA (K-8)**

Part 1: 1 Transparency with information sheet

Part 2: 1 Poster

**52-1 SPONGE BOB & COELENTERATES (K-8)**

5 Plastic mounts; 2 transparencies: *Hydra*, *Sponge Anatomy*

**53-1 SAMPLES OF WORMS (K-8)**

10 Plastic mounts; 3 transparencies; written materials

**54-1 CRUSTACEA & ARTHROPODS (K-8)**

6 Plastic mounts; written materials

**55-1 SAMPLES OF SPIDERS AND KIN (K-8)**

8 Plastic mounts; written materials

**56-1 INSECT MODEL (K-8)**

1 Grasshopper model with stand; dissection guide; ricker mount of 7 insect orders; written materials

**56-2 INSECTS OF THE PEORIA AREA (K-8)**

1 Specimen collection; 1 plastic mount; written materials

**56-3 BEETLE SPECIMENS (K-8)**

Specimen collection with key; plastic mounts; written materials

**56-4 INSECT PESTS (K-8)**

17 Plastic mounts with key; written materials

**56-5 INSECT LIFE CYCLES (K-8)**

8 Study prints: *Common Insects*; 6 posters: *Life Cycles of Insects*;

10 study prints: *Insects Harmful to Man*

**56-6 BUTTERFLY & MOTH SPECIMENS (K-8)**

2 Specimen collections; written materials

**56-7 DC BEES (K-8)**

1 Display case; 1 plastic mount; 2 plastic honeycombs;

1 honey bottle; written materials

**56-9 HOW TO MAKE AN INSECT COLLECTION (K-8)**

3 Specimen collections; 1 net with long handle; 1 collecting jar; *Zephyr* learning packet; 10 field guides: *Insects*; 1 spreading block; 2 boxes (samples of mounting equipment); written materials

**56-10 CATERPILLAR TO BUTTERFLY (K-4)**

2 Specimen collections; 1 plastic mount; 1 puppet; written materials

**56-11 OOH, AH, & ICK! AMAZING INSECTS (Pre-K-adult)**

Riker mounts of thrilling insects. Includes: Spiny walking stick, iridescent butterflies, Goliath beetles, and pepsis wasp with tarantula host; written materials

**57-1 MOLLUSKS AND BRACHIOPODS (7-8)**

8 Plastic mounts with key; 1 magnifying glass; written materials

**58-1 PATRICK THE STARFISH-ECHINODERMS (K-8)**

3 Plastic mounts; 1 transparency: *Starfish Anatomy*

**59-1 FISH & FISH-LIKE CHORDATES (K-8)**

9 Plastic mounts with key; 1 transparency: *Perch Anatomy*

**60-1 DC ILLINOIS AMPHIBIAN DISPLAY (1-8)**

Display case with 3 salamanders, 5 frogs & 1 toad; 2 plastic mounts; written materials

**60-2 THE DEVELOPMENT OF A FROG (3-8)**

1 Frog model (ventral dissection); 2 plastic mounts; written materials

**61-2 DC SNAKE DISPLAY (K-6)**

Display case with 7 snakes; 1 large plastic mount of snake skeleton; written materials

**BIRDS****62-0 CHICK DEVELOPMENT (6-8)**

3 Plastic mounts; 1 low-power microscope; written materials

**62-1 FIELD STUDY OF BIRDS (K-8)**

1 Bird model; binoculars; 1 video; 5 field guides: *Birds*; written materials; student supplies

**62-2 DC BIRDS' NESTS (K-6)**

Part 1: Display case

Part 2: Study prints; display of bird eggs; written materials

**62-3 DC MEADOWLARK, HORNED LARK, RED-WINGED BLACKBIRD DISPLAY (K-8)**

3 Birds in display case; written materials

**62-4 DC CEDAR WAXWING & ROBIN (K-8)**

2 Birds in display case; written materials

**62-5 DC SCREECH OWL & RED-HEADED WOODPECKER (K-8)**

2 Birds in display case; written materials

**62-6 DC YELLOW WARBLER & INDIGO BUNTING (K-8)**

2 Birds in display case; written materials

**62-7 DC BROWN THRASHER, CATBIRD & CARDINAL (K-8)**

3 Birds in display case; written materials

**62-8 DC SCREECH & BARRED OWLS (K-8)**

2 Birds in display case; 1 Riker mount of owl pellet; 1 cassette: *Voices of New World Owls*; written materials

**62-9 DC SNOWY OWL (K-8)**

Snowy owl in display case; 1 Riker mount of owl pellet; 1 cassette: *Voices of New World Owls*; written materials

**62-10 DC REDHEAD DUCK & WOOD DUCK (K-8)**

2 Ducks in display case; written materials

**62-13 DC FLICKER DISPLAY (K-8)**

1 Bird in display case, written materials

**62-14 DC AMERICAN WOODCOCK (K-8)**

1 Woodcock in display case, written materials

**62-20 BIRDS OF PREY IN N. AMERICA (K-8)**

1 Poster; 1 transparency; written materials

**62-23 WINTER BIRDS (K-8)**

1 Poster: *Winter Birds*; written materials

**62-25 BIRDS OF THE FIELD & GARDEN (K-8)**

1 Poster; written materials

**62-27 BIRDS OF THE FORESTS & WOODLANDS (K-8)**

1 Poster; written materials

**62-29 WATER BIRDS (K-8)**

1 Poster; written materials

**62-30 AUDIBLE AUDUBON BIRD CALLS (Pre-K-Adult)**

Part 1: Stuffed bird toys which play appropriate bird calls when squeezed; 2 CD's *Audubon Bird Calls*; book: *Field Guide to Eastern Birds*

Part 2: Poster

## MAMMALS

### 63-0 WHALES (K-6)

6 Sets of whale models; 1 video; 4 whaling prints; written materials

### 63-1 MAMMALS OF NORTH AMERICA (K-6)

1 Poster: *Mammals of North America*; written materials

### 63-3 BATS (K-6)

2 Plastic mounts; written materials

### 63-5 PIG EMBRYO (6-8)

3 Clear plastic mounts,  
Fetal Pig Anatomy Coloring Book

### 63-6 ANIMAL TRACKS & TRACKING (2-6)

Part 1: 2 Posters

Part 2: 14 Pkgs rubber paw prints; written materials

### 63-7 WILD MAMMALS IN ILLINOIS (2-7)

1 Video; 1 cassette; 1 trivia game (17 cards); written materials

### 63-8 SHARKS & RAYS (K-8)

Shark jaw, fossilized shark teeth,  
video, ray specimen, shark model  
written materials

### 64-1 DC RACCOON (K-8)

Part 1: Raccoon in display case

Part 2: 4 Study prints; 1 pelt; 2 molded paws; written info.

### 64-2 DC SKUNK (K-8)

Part 1: 1 Skunk in display case

Part 2: 1 Pelt; written materials

### 64-3 DC WEASEL (K-8)

Part 1: 1 Weasel in display case

Part 2: Written materials

### 64-4 DC MUSKRAT (K-8)

Part 1: 1 Muskrat in display case

Part 2: 1 Fur pelt; written materials

### 64-5 DC FOX (K-8)

Part 1: 1 Fox in Case

Part 2: 4 Study prints: Red Fox; written materials

### 64-6 DC OS BOBCAT (K-8)

Part 1: 1 Bobcat in display case

Part 2: Written materials

### 64-7 DC GREY SQUIRREL (K-8)

Part 1: 1 Squirrel in display case

Part 2: Written materials

### 64-8 DC RED SQUIRREL (K-8)

Part 1: 1 Squirrel in display case

Part 2: Written materials

### 64-9 DC MINK (K-8)

Part 1: 1 Mink in display case

Part 2: Written materials

### 64-10 DC OS BEAVER (K-8)

Part 1: 1 Beaver in display case

Part 2: Written materials

### 64-11 DC FAWN (K-8)

Part 1: 1 Fawn in display case

Part 2: Written materials

### 64-12 DC PORCUPINE (K-8)

Part 1: 1 Porcupine in display case

Part 2: Written materials

### 64-13 DC BABY RABBIT (K-8)

Part 1: Baby rabbit in display case

Part 2: Written materials

### 64-14 DC BABY RACCOON (K-8)

Part 1: Baby raccoon in display case

## THE HUMAN BODY

### 70-1 A HUMAN CELL MODEL (4-8)

1 Cross section model of cell, teacher's guide, written materials

### 72-1 CELL DIVISION MODEL (5-8)

1 3-D Model of mitosis with identified parts; written materials

### 80-1 BILLY - THE HUMAN TORSO (2-8)

1 3-D Model (5 pieces) with lesson plan; written materials

### 80-2 SMALL SKELETON MODEL (1-8)

1 16" Model of skeleton; written materials

### 80-3 LIFE-SIZE HUMAN SKELETON REPLICA (1-12)

1 Reproduction of a human skeleton; no written materials  
(use in conjunction with 80-2)

### 80-4 WHO OWNS THESE BONES? (5-12)

Students are the detectives in a local missing-persons case. They examine a set of 3 recently "unearthed" plastic bone replicas (skull, arm, leg). After identifying the bones, students use skeletal characteristics to determine as much as possible about the owner. Includes: 3 bone replicas; *Carolina Guide to Bone Forensics*

### 81-1 EYE MODEL (2-8)

1 Relief model of the eye with lesson plan; 1 3-D model of the eye with key; 8 study prints; 1 transparency: *Structure of the Eye* with lesson plan; optical illusion cards

### 82-1 EAR MODEL (2-8)

1 3-D model of the ear; 1 transparency: *The Human Ear* with lesson plan; 1 resonance drum; 1 Tuning Fork, 24 vocabulary cards; written materials

### 83-1 SKULL & BRAIN MODEL (2-8)

1 3-D Human brain model; 1 3-D skull model; keys

### 84-1 HEART MODEL (2-8)

3 3-D Human heart models; 2 stethoscopes; written materials

### 84-2 CIRCULATORY SYSTEM MODEL (2-8)

1 Relief model with lesson plan; written materials

### 84-3 SHEEP'S HEART (2-8)

1 Plastic mount of sheep's heart with key

### 85-1 RESPIRATION MODEL (2-8)

1 Relief model with key; breath control device; 4 lung volume student kits; written materials

### 86-1 DIGESTION MODEL (2-8)

1 Relief model with lesson plan; 1 plastic stomach; written materials

### 86-2 URINARY MODEL (2-8)

1 Relief model with lesson plan

### 87-1 NERVOUS SYSTEM MODEL (2-8)

1 Relief model with lesson plan; written materials

### 88-1 SKIN MODEL (2-8)

1 Relief model with lesson plan

### 89-1 TOOTH BRUSH MODEL (preK -3)

2 Over-size sets of teeth; over-size toothbrushes; written info.

### 89-2 TOOTH MODEL (pre K -8)

1 3-piece tooth model with teacher's guide; 1 plastic mount of human tooth collection; 1 relief model of teeth; written materials

## NUTRITION

### 90-1 NUTRITION INVESTIRULE (3-6)

72 Food description cards with teacher's guide; 13 *InvestiRule* cards to plan balanced meals; 1 chart: *Recommended Daily Diet Allowances*; written materials

## **90-2 A NUTRITION FOR PRIMARY LEVEL (pK-4)**

Food Models and guide; 4 posters: *Foods Help Me Grow*; 24 food picture cards; 14 plastic foods; written materials

## **90-2 B NUTRITION: Food Gives Me Energy (preK-4)**

4 Posters; 40 cards: 16 food production, 24 food photos; teacher's guide

## **90-3 NUTRITION: Eat The 3-2-4-4 Way (K-8)**

4 Posters; 1 Guide to Wise Food Choices; written materials

## **90-4 NUTRITION PYRAMID GAME (K-6)**

2-Dimensional pyramidal nutrition model with 40 food flashcards; teacher's guide

## **GENERAL SCIENCE**

### **91-1 INDIRECT OBSERVATION LAB (3-12)**

24 Plastic boxes (12 different configurations) each with a steel ball inside; written materials

### **95-1 45X STEREO MICROSCOPE (K-6)**

1 Binocular microscope with instructions; prepared slides; non-prepared slides and cover slips; other accessories; written info.

### **95-2 400X MONOCULAR MICROSCOPE (7-adult)**

Part 1: Microscope

Part 2: Prepared slides; lamp; prepared and non-prepared slides; other accessories; written materials

### **NEW 96-2 GENETICS**

Part 1: Genetics-Made-Easy Kit

Part 2: Human Genetics Made Easy

Part 3: 3 videos and written materials

### **100-1 MAKE YOUR OWN MOLECULE (4-8)**

1 Box wooden atoms with lesson plan; student molecule models; written materials

### **96-1 DNA/RNA (8-adult)**

DNA and RNA simulation Biokits (materials for 20 students to make models of DNA and RNA); 2 videos; written materials

### **96-3 NATURAL SELECTION EXPERIMENT KIT (8+)**

Contains everything needed to simulate the classic example of the light and dark-winged peppered moths in industrial England. This experiment demonstrates how changes due to environment can occur over time.

**100-2 SEARCH FOR SOLUTIONS (Famous Scientists & Their Theories);** 1 Video: *Search For Solutions*; written materials

### **100-3 KITCHEN CHEMISTRY (2-8)**

Part 1: Video: *Fun With Chemistry*; 6 student kits containing basic chemistry equipment; written materials

Part 2: Table of the elements

### **100-4 FAMOUS INVENTORS (K-8)**

25 Photos of inventors with information on back of each

### **101-1 INTRODUCTION TO SIMPLE MACHINES (2-8)**

Teacher's guide and basic equipment used to complete simple experiments using pulleys, toy cars, weights

### **101-2 EXPERIMENTS USING SIMPLE MACHINES (2-8)**

More advanced version of 101-1 (see description above)

### **101-3 PULLEYS AND INCLINED PLANES (K-8)**

Expands on concepts demonstrated in 101-1 and 101-2

### **101-4 TOYS IN SPACE (K-6)**

1 Video: *Toys in Space* (17 min.); 10 toys highlighting effects of gravity; written materials

## **103-1 ELECTRICITY DISCOVERY (3-12)**

1 Electrical circuit board; 4 student kits (test leads, sockets, light bulbs, iron filings, batteries); teacher's manual;

2 filmstrips & cassettes: *Looking Into Electricity*

## **103-3 MAGNETS ARE FUN (K-8)**

Materials for students to conduct experiments involving magnetism. Includes 5 student kits and written materials.

## **103-4 LENSES & MIRRORS (2-8: 1 mo. use)**

Materials for students to conduct experiments involving light, refraction, etc. Includes 5 students kits (prisms, lenses, light boxes, etc.) and written materials

## **NEW! 103-5 SPECTYROSCOPY**

15 spectrum tubes; 7 spectrosopes; 20 diffraction gratings; flame spectra; poster; video; written materials

## **103-7 OS LASER LIGHT SCULPTURE BOX (K+: 1 mo. use)**

Laser with reflecting mirrors; written materials

## **103-8 FILTERING LIGHT (K+: 1 mo. use)**

Materials for students to conduct experiments involving light, filters, and color; written materials

## **103-9 HEAT ENERGY (5-8)**

Materials for experiments with fundamental properties of radiant energy, heat absorption, etc. Includes: Metal strips; thermal expansion ball and ring demonstrators, conductometer; thermometers; calorimeter; written materials

## **103-10 SOUND ENERGY (5-8)**

Materials for hands-on exploration of basic principles of sound. Includes: Tuning forks; slinky; audio cassette; chalk; Doppler effect demonstrator; teacher's guide; video; auditory illusions kit; written materials

## **MATHEMATICS**

See also 21-12 Dinotracks

### **104-1 METRIC SYSTEM OVERVIEW (2-8)**

Metric measuring devices for length, weight, temperature and volume; 10 each posters, rulers, metric converters, student booklets *What About Metric?*; other written materials

### **104-2 LINEAR MEASUREMENT USING METRIC SYSTEM (2-8)**

Part 1 Lesson plans; materials for activities

Part 2: Various meter sticks

### **104-3 WEIGHT: USING METRIC SYSTEM (2-8)**

Scales, weights, teacher's guide

### **104-4 VOLUME: USING METRIC SYSTEM (2-8)**

Teacher's guide; beakers (250, 500, 1000 Mil); bottles

### **104-5 DENSITY KIT (5-8)**

Materials for hands-on exploration of density. Includes: metal cubes, metal and glass spheres; graduated cylinder; triple beam scale; 3 mineral specimens; rulers; lesson plans

### **105-1 POWERS OF TEN: The Relative Size of Things in the Universe (2-8)**

1 Book; 1 video

### **105-4 BEGINNING TANGRAMS (K-3)**

Tangrams for overhead ; 5 student packets; written materials

### **105-5 INTERMEDIATE TANGRAMS (3-6)**

Tangrams for overhead ; 5 student packets; written materials

### **105-6 COOPERATIVE TANGRAMS (3-8)**

Tangrams for overhead ; 5 student packets; written materials

### **106-1 TESSELLATIONS (4-12)**

Part 1: Video; 20 plastic tessellation templates; foam Escher puzzle; written materials; Part 2: 4 Posters

## **SOCIAL STUDIES**

### **110-1 MODEL TELEGRAPH (1-6)**

Working model telegraph; teacher's guide; 23 photos of early communication methods

### **121-1 FARM MACHINES (K-4)**

8 Toy farm machines; written materials

### **121-2 ON THE FARM (preK-4)**

1 Felt storyboard 38 felt pieces with story aid; 6 prints; 12 farm scene prints

### **121-4 REMEMBERING FARM DAYS (K-Senior Citizens)**

1 Program manual; 25 farm rhyme booklets; 1 red bandana; 1 cassette sing-a-long songs & barn dances; 1 cow bell; 5 seed packets

### **121-5 MORNING CHORES ON THE FARM (K-Senior Citizens)**

1 Program manual; 1 video: *Morning Chores* (12 minutes); narration of video

### **150-1 EGYPT (4-8)**

Reproductions artifacts; study prints; video; CD & cassette; written materials

### **151-1 MESOPOTAMIA (4-8)**

Reproduction artifacts; pictures; written materials, video

### **152-1 ETRURIA AND ROME (4-8)**

Reproduction artifacts; postcards; study prints; written info., video

### **153-1 CRETE AND GREECE (4-8)**

Artifacts; study prints with teacher's guide; written materials

**See also 826 Islamic Culture**

## **AMERICAN WEST**

### **203-2 PRAIRIE DWELLINGS (5-8)**

6 Prints

### **203-4 WESTERN LIFE (K-8)**

8 Remington prints; Charles Russell prints; 29 drawings & photos of the West & its people; 2 filmstrips

## **NATIVE AMERICAN CULTURES**

### **204-1 MISSISSIPPIAN PEOPLE: Early Americans 800-1500 C.E. (K-8, 1 mo. LOAN)**

(3 parts) Numerous reproduction and authentic artifacts (including stone hoes and axes, spears heads, skins, flint tools); video; posters; written materials

### **204-2 ARROW HEADS (K-8, 1 MO. LOAN)**

Part 1: Poster: *Early Man in the Central U.S.*

Part 2: Video: *Seeking the First Americans*; 16 arrowheads and other projectile points; written materials

### **204-3 Cave Paintings (K-12)**

Posters of European and Southwestern cave paintings; video; petroglyph stamps

### **205-1 NATIVE AMERICANS (K-8)**

Numerous mounted photos of Native Americans; written materials

### **205-2 INDIAN DWELLINGS & HOMES (K-8)**

1 Poster: *Indian Dwellings and Homes*; written materials

### **205-7 THE NAVAJO (K-8)**

Doll; sandpainting; video; written materials

### **205-8 THE HOPI (K-8)**

Cachina doll; video; written materials

### **205-19 FS FIRST AMERICANS: Prehistoric Natives of N. America (4-8)**

1 Filmstrip *The First Americans* (how the first people here adapted to various climates); 1 cassette and teacher's guide

### **205-23 FS INDIANS TODAY (4-8)**

1 Filmstrip with cassette and teacher's guide; 8 study prints: *Indians of the Southwest Today*; 16 photographs from the 1960s & 1970s with teacher's guide; 1 video: *A World of Ideas*: interview by Bill Moyers of Michael Dorris & Louise Eldrich

## **ILLINOIS & PEORIA**

### **250-1 PIONEER HOUSEHOLD ITEMS (2-8)**

Part 1: Sears Catalog from turn of century, curling iron; candle wick cutter; waffle iron; iron; rolling pin; apple peeler; foot warmer

Part 2: Wash board; rug beater; slaw cutter; razor strop; mouse trap; candle mold

### **250-2 PIONEER HAND TOOLS (2-8)**

1 Horseshoe Rasp/File, Shingle Maker, Plane, Boot Scraper, Miner's Light, Railroad Lantern, Hand Augur, Boot Jack (puller), Oil Can, pair Corn Husking Gloves; written materials

### **250-3 PEORIA HISTORY IN HEADLINES (5-8)**

12 Posters of pages from Peoria newspapers (1858-1963)

### **250-5 ST HISTORY OF PEORIA (5-8)**

Part 1: 68 slides with carousel of photos & drawings of Peoria as it was; 1 cassette: *History of Peoria*

Part 2: Turn of the century map of Peoria; large mounted photo of turn of the century downtown Peoria

### **250-9 FRENCH IN ILLINOIS COUNTRY: Tricentennial Kit (K-8 & Seniors)**

Part 1: Display case of artifacts

Part 2: 2 Posters

Part 3: 1 Video: *Cavaliers & Craftsmen* (30 min.); mob cap, bonnet, Tricorn hat, knitted voyagers cap, capote with belt; 1 powder horn; cassette; written materials

## **AFRICAN-AMERICAN HISTORY**

### **(3- Senior Citizens)**

See also 800 Africa; 601-74 African-American Artists.

### **300-1 AFRICAN-AMERICAN HISTORY**

15 Posters with teacher's guide; *A Kid's Guide to African-American History*

### **300-2 20th CENTURY AFRICAN-AMERICANS**

13 Photographs with teacher's guides; bibliography; 1 poster: *Exceptional Black Scientists*; written materials

### **300-4 AFRICAN-AMERICANS IN HISTORY**

24 Posters with information sheet; video

### **300-5 AFRICAN-AMERICANS OF ACHIEVEMENT (1865-1915)**

24 Prints and with information sheet; written materials

### **300-7 UNDERGROUND RAILROAD**

2 Videos, Books, written materials

## **ARCHITECTURE**

### **491 FRANK LLOYD WRIGHT: Architectural History (K-Senior Citizens)**

1 Video: *Portrait of an Artist - FLW*; written materials; architectural templates; *Fun With Architecture* (rubber stamps); poster: *Falling Waters*; large T-square

## **ART (ALL AGES)**

All art kits contain reproductions and written materials

### **600-0 ART SLIDE SHOW**

Video "Learning to Look at Art", 159 slides with teacher's guide and audio

### **600-1 UNDERSTANDING ART**

14 Posters, *The Elements and Principles of Design*  
2 Videos: *The Elements of Design, The Principles of Design*  
Teacher's Guide

### **600-2 HAVING FUN WITH ART**

5 copies of the game *Masterpiece*

### **600-4 SHIPS AND SEASCAPES**

5 Reproductions; filmstrip & cassette: *Song of the Sea*; with info. sheet

### **600-5 AMERICAN WEST IN ART**

1 Video: *Remington*; prints by Remington, Russell; Catlin; written materials

### **600-6 VAN GOGH**

Part 1: *Starry Night, Boats at Saintes-Maries, Portrait of Armand Roulen, Artist's Bedroom at Arles*

Part 2: Slides; cassette

### **600-7 PICASSO**

7 Prints; written materials

Part 2: 80 Slides: *Picasso's World: Restless Century* with audio

### **600-8 CEZANNE**

*Chemin Sous Bois, Etude de Cram, Arbres Sous la Tempete Noir, Citerne au Parc du Chateau Noir, Maisons Dans la Valee, La Fontaine de la Mairie a Aix-en-Provence*

### **600-9 PRINTMAKING**

Examples of different type of printmaking; 1 video: *Printmaking: 4 Artists, 4 Media* (30 min.); 2 rubber Gyotaku fish (for Japanese fish-printing); 5 brayers (ink rollers); written materials

### **601-8 CONTEMPORARY ART I: Abstract Art**

Poster reproductions of work by: Calder, Pollock, Nevelson, Pak, Riley, Shapiro, Christo, Motherwell, Johns

### **601-9 CONTEMPORARY ART II: Figurative Art**

Poster reproductions of work by: Close, Sigler, Warhol, Hanson, Marisol, Segal, *Elvis Presley's Altar*

### **601-10 GRANDMA MOSES**

*Bringing in the Maple Sugar*; 1 video: *The World of Grandma Moses*; Sap Bucket & spile

### **601-11 A NORMAN ROCKWELL**

*Rural Vacation*; 1 video (50 minutes); written materials

### **601-11 B NORMAN ROCKWELL**

*Rural Vacation*; 5 additional prints; written materials

### **601-11 C NORMAN ROCKWELL**

*Traffic Conditions*; written materials

### **601-12 PHOTOGRAPHY**

1 Poster; video; written materials

### **601-14 FRANK LLOYD WRIGHT**

Poster: *Guggenheim*; written materials; video

### **601-20 THE RENAISSANCE**

Poster: *The Sistine Ceiling* (Michelangelo); prints: *Mona Lisa* (da Vinci) and *Melenolia* (Dürer); video; written materials

### **601-29 PETER BRUEGAL (PIETER BRUEGEL)**

*Tower of Babel, Kinderspiele, and The Harvesters*; written info.

## **601-30 MEDIEVAL ART**

5 Laminated posters of different medieval arts; video; written materials

### **601-35 IMPRESSIONISTS**

Part 1: Reproductions of works by Manet, Renoir, and Cassatt; video; written materials

Part 2: 41 Slides; 1 cassette

### **601-43 J. AUDUBON AMERICAN FLAMINGO**

1 Calendar: *Audubon Birds of America*; video; 3 prints; written materials

### **601-48 DC NATIVE SOUTHWESTERN AMERICAN ART**

Part 1: Display case with pottery, sand painting, kachina doll, and basket

Part 2: 1 Video: *Indian Arts at Heard Museum and My Hands Are the Tools of My Soul*; 1 cassette: *Native American Music*; 1 rug; 7 prints; written materials

### **601-50 CONTEMPORARY QUILTS**

Quilt stamping kit, Video

Faith Ringgold prints

Patchwork Math

Paper pieced sample

### **601-51 MATISSE**

*Lady in Blue*; video; written materials

### **601-52 THE QUILT**

1 Quilt sample; 2 videos: *The Artist & the Quilt & Quilts in Women's Lives*; 2 quilt stencils; 2 cloth samples; written info.

### **601-57 RODIN: The Thinker**

Part 1: 1 Statuette of *The Thinker* in Wooden Case

Part 2: Teacher's guide; written materials; 2 videos: *Rodin: The Gates of Hell & Sculpture-Meaning Through the Body's Form*; written materials

### **601-58 PUBLIC ART: Sculpture**

Part 1: 1 Model of Bladen's Sculpture *Sonar Tide*

Part 2: Written materials

### **601-60 19TH CENTURY AMERICAN ART**

Part 1: Reproductions of works by Bingham, Eakins, et al

Part 2: 40 Slides with cassette and directory

### **601-61 GEORGIA O'KEEFE**

*Red Hills and Bones and Ranchos Church*; 13 smaller reproductions; written materials

### **601-62 WASSILY KANDINSKY**

2 Posters: *Layers, Rows of Symbols*; written materials

### **601-68 GRANT WOOD**

*American Gothic*; video; written materials

### **601-70 REMBRANDT VAN RIJN**

*Girl with a Broom, Night Watch*; 1 video; 14 prints; slides with cassette

### **601-73 5 AMERICAN WOMEN ARTISTS**

5 Reproductions: *Women With Dog* (Mary Cassatt), *Miss Traumerie* (Ethel Reed), *Sugar Off* (Grandma Moses), *Black Hollyhock/Blue Larkspur* (Georgia O'Keeffe), *Blue Atmosphere* (Helen Frankenthaler); cassette: *Van Cliburn plays Beethoven*; written materials

### **601-74 AFRICAN AMERICAN ARTISTS**

*Bal Jeunesse* (Palmer Hayden); 1 catalog: *Harlem Renaissance*; written materials; cassette: *Piano Greats* by Lester Young

### **601-75 THOMAS HART BENTON**

*After Many Springs*; video; written materials

**602-4 CHRISTMAS STORY**

40 Slides with directory and cassette; 1 booklet: *Christmas Story in Art & Legend*

**602-6 100 YEARS OF MODERN ART**

Part 1: 80 Slides with teacher's guide  
Part 2: 80 Slides with teacher's guide (part II)

**603-1 SIX OLD-TIME CIRCUS POSTERS**

6 Reproductions of circus posters

**WORLD CULTURES**

**800 AFRICA**

Part 1: Display case  
Part 2: Hands-on items; video; written materials

**802 ALASKA**

Part 1: Display case  
Part 2: Hands-on items; written materials, video

**804 AUSTRALIA**

Part 1: Display case  
Part 2: Hands-on items; written materials

**816 TIBET**

Part 1: Display case  
Part 2: Numerous hands-on items and written materials

**817 CHINA**

Part 1: Display case  
Part 2: Hands-on items and written materials

**818 INDIA**

2 Display cases and 6 individual boxes (general culture, cooking implements, clothing, toys, dolls, musical instruments). Use all or some parts. Call for more information.

**NEW 819 RUSSIA**

Hands-on items and written materials

**820 JAPAN**

Part 1: Display case with male & female in theatrical costume  
Parts 2 and 3: Numerous hands-on items including clothes, toys, art, fabrics; written materials

**822 MEXICO**

Part 1: Display case  
Part 2: Hands-on items (clothes, toys); art; cassette; written materials

**823 COSTA RICA**

Part 1: Display case  
Part 2: Hands on items, written materials

**825 ANCIENT PERU**

Part 1: Display case  
Part 2: Hands-on items and written materials

**826 ISLAMIC CULTURE**

18 Posters on Islamic culture; video

**827 POTTERS OF MATA ORTEZ**

1 Sample of pottery, written materials

**NEW 828 FRANCE**

Part 1: Hands-on items and written materials  
Part 2: 4 mounted posters

**NEW 830 GERMANY**

Hands-on items and written materials

**850 MASKS FROM AROUND THE WORLD (K-adult)**

Part 1: Display case  
Part 2: 20+ Hands-on masks; video; study prints; mirror; written materials

**1000 Series KITS FOR SENIOR CITIZENS**

*Activity Directors:* Contact the SCHOOL LOAN CENTER at 686-7000 ex. 131 for information about picking up senior kits designed for remembrance activities.