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*Using Local Materials
in the Classroom*

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listings of:

new slide resource sets

Local Materials sets numbered 101 and up are being produced in a form called **Slide Resource Sets**. Some sets will include slides in a carousel tray with narrative script in loose-leaf notebook. Other sets will have slides in pocketed plastic sheets with slide identification lists to allow teacher selection and organization. Additional resources such as bulletin board materials, activity sheets, colored or black and white prints and maps will be included.

At the present time these are testing sets and are available only on loan for evaluation. None of the new slide resource sets is available in filmstrips.

Order by Title:

- 101T ----- A Walk by the Yahara River
102T ----- Down These Fair Streets
103T ----- Geology of Devil's Lake
104T ----- Looking Closely
105T ----- Madison Newspapers
106T ----- Mining Industry in SW Wisconsin
107T ----- Urban Renewal
108T ----- Wisconsin's Prairie Heritage
109/110/111T ----- Ceramic Techniques
 Part I: Slab Construction in Clay
 Part II: Wheel Construction in Clay
 Part III: Tools for Texturing
112T ----- Three Kinds of Rocks
 (available Oct. '71)
113T ----- Wisconsin Pre-historic Indians:
 Aztalan (available Oct. '71)
114T ---- Communication Through Printmaking
 (available Nov. '71)
115T --- Caves of Wisconsin (available Nov. '71)
116T ---- Wisconsin Weather (available Dec. '71)

descriptions of

new slide resource sets

Available on loan for one week in slide form only.

101T ----- A Walk by the Yahara River

Grades 2-4. Slides in carousel tray, narrative script, activities and additional materials to coordinate with outdoor field trips to study a city green space. The section of the Yahara River connecting Lake Mendota and Lake Monona is described.

102T ----- Down These Fair Streets

Grades 7-8. Slides in tray with narrative script. Using contrasting pictures of the beauty and ugliness of the U.S., a statement of concern for awareness and sensitivity to man's environment is expressed. Quotations from many writers are used to illustrate the main ideas.

103T ----- Geology of Devil's Lake

Grade 7 and senior high. The slides in this set explain the formation of the Baraboo Range and of Devil's Lake from the Precambrian era through the Pleistocene period. It also discusses quartzite rock, its primary and secondary features, how it was formed, how it weathers and its economic aspect. Also included: 1) a field trip map and simple guide; 2) Information Circular No. 14—Geology and Natural History Survey; and 3) other pertinent printed materials.

104T ----- Looking Closely

Grades K-3. Slides in plastic sheets and brief identifying narration for teacher selection to coordinate with an outdoor field trip. A beginning ecology study approach stressing the joy of discovery outdoors. By looking closely at home, in school yard or on a trip to field, wetland or forest, the child becomes aware of beauty and diversity in the natural world.

105T ----- Madison Newspapers

Grades 5-6. This resource set which includes slides in a tray, narrative script, and bulletin board materials will provide a good advance preparation for a tour of the Madison Newspapers, Inc. As part of a study on the communication process, it provides firsthand source materials on familiar local newspapers.

106T ----- Mining Industry in SW Wisconsin

Grade 7 and high school. The slides in this set include: 1) introduction, location map, and history; 2) geology of the mining region; 3) the mining operation; and 4) the mill operation. Printed materials are also included.

107T ----- Urban Renewal

Middle School interdisciplinary unit on The City. Slides in carousel tray, script, and additional information. Shows the wide range of activity through which urban blight is combated in Madison. Encourages student inquiry approach to the changes made in the urban community.

108T ----- Wisconsin's Prairie Heritage

Middle School and Senior High. Slides in carousel tray, script and printed background materials. Discusses the extent and significance of prairies in early Wisconsin history, adaptations of prairie plants and animals, and present prairie preservation and restoration efforts in Wisconsin.

109/110/111T ----- Ceramic Techniques

Grades 4-6. Slides in plastic sheets with identification script to allow teacher selection and organization. These materials most useable as part of a learning experience using clay.

Part I ----- Slab Construction in Clay

Part II ----- Wheel Construction in Clay

Part III ----- Tools for Texturing

112T ----- Three Kinds of Rocks in Wisconsin
Grade 4. Available October, 1971. Slides in carousel tray, activity sheets, and suggested questions and narration to coordinate with a science study of rocks. Five boxes containing large specimens of Wisconsin rocks and minerals have been placed in each school IMC to be used with this set.

113T--- Wisconsin Pre-Historic Indians: Aztalan
Grade 8. Available October, 1971. Slides in plastic sheets, identifying script, and first-hand source materials for teacher selection to coordinate with an inquiry approach to one of Wisconsin's ancient Indian cultures.

114T ---- Communication through Printmaking
Grade 6. Available November, 1971. Slides and narration show techniques used by Ellen Milan, a contemporary printmaker. Historical examples from the Elvehjem Art Center collection show how modern printmaking techniques and materials are related to those used in the past.

115T ----- Caves of Wisconsin
Grade 7. Available November, 1971. Slides in tray with narrative script describing the formation of Wisconsin caves. Later sets will include techniques for cave exploring and history of Wisconsin caves.

116T ----- Wisconsin Weather
Grade 7. Available December, 1971. Slides, filmloops, and other visual aids with narrative script discuss basic concepts of weather. Local weather conditions are used as illustration.

Additional master slides are now being organized into subject categories with identifying script. Listing of these slides by subjects should be available by January, 1972. If you need slides that do not appear on Revised Instructional Sets or Slide Resource sets lists, please contact Ron Austin, Local Materials Photographer, for information on availability.

listing of:

revised resource sets

(SLIDES OR FILMSTRIPS)

Sets are listed in chronological order. Sets numbered 1 to 17, 21, 23, and 34 were catalogued for each elementary school's IMC. These sets were part of the ESEA Title III inventory and were placed permanently in each elementary school IMC at the completion of the federal grant.

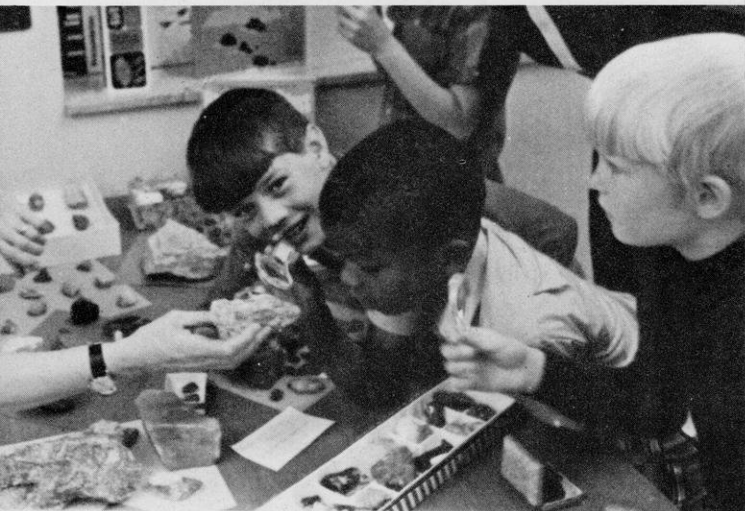
Since July, 1970, Local Materials has been funded by the Madison Public Schools. Five duplicates of each set produced since that time are available for loan to your school for one week. Please ask your IMC staff for order cards to schedule sets.

Duplicates of filmstrip sets may be ordered under your school's budget at cost from Local Materials, Room 209, 545 West Dayton Street, Madison, Wisconsin 53703.

Available on loan for one week in either slide or filmstrip form.

- 1 Ho-Nee-Um in the Fall
- 2/3..... Introduction to Winter at Ho-Nee-Um
and A Winter Walk at Ho-Nee-Um
- 4 Exploring Ho-Nee-Um in the Spring
- 5/6 Three Layers of Green in
the Madison School Forest
Part I "Introduction and Canopy Layer"
Part II "Shrub and Herb Layer"
- 7 An Artist Talks to Children
- 8/9 Our Changing Use of the Land and Water
and How Should We Use the Land
- 10 A Citizen's Role in City Government

- 11 A Visit to City Hall
- 12 A Roster of Madison's Service Teams
- 13/14 Legends of Lake Mendota
 "The Spirit Raccoon"
 "The Lake Where the Indian Lies"
- 15/16 Early History of the Madison Area
 and Reminders of Madison's History
- 17 Madison's Food Industry
- 18/19 Madison School Forest
 Part I *"Clues to the Past"*
 Part II *"Signs of the Future"*
- 20 Selections by Bohrod of His Paintings
- 21 Many Uses of Clay
- 22 Birds of Prey
- 23 Old Abe, Civil War Eagle
- 24/25 Geology of Wisconsin
 "Precambrian and Paleozoic"
- 26/27 Towns and Townships
 Part I and Part II
- 28 Sandstone and Buffalo Robes
- 29/30/31 Glacial Geology
 "Introduction"
 "How the Land Was Shaped"
 "Fossils and Economics"
- 32 ---- Lake Pollution in the Yahara Watershed
- 33 ---- Cherokee Marsh—A Wetland to Cherish
- 34 Eagle Heights Woods:
 Man's Use of the Land
- 35 Careers in Automotive Service
- 36 Careers in Food Service
- 37 Office Occupations in Madison



descriptions of:

revised resource sets

A brief description of each set with suggested grade level, date of production, and cost of duplicating is given. Sets are listed by order number.

1 HO-NEE-UM IN THE FALL

(Grades 3-4), 1968, 62 frames, filmstrip and guidebook. \$6.95.

Resources for a teacher-guided field trip to a nature trail in the University of Wisconsin Arboretum. Emphasizes fall changes, seed dispersal, and interdependence of plants and animals.

2/3 A WINTER WALK AT HO-NEE-UM

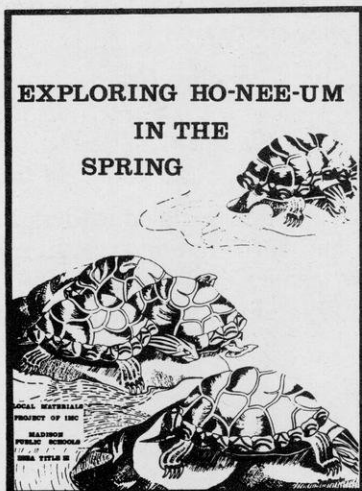
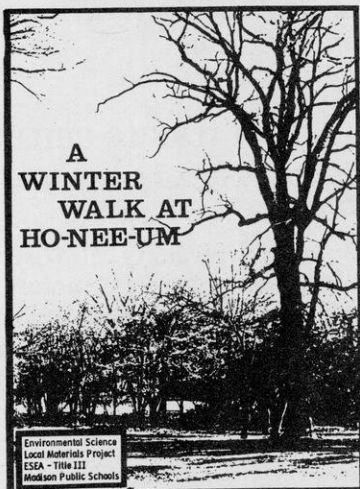
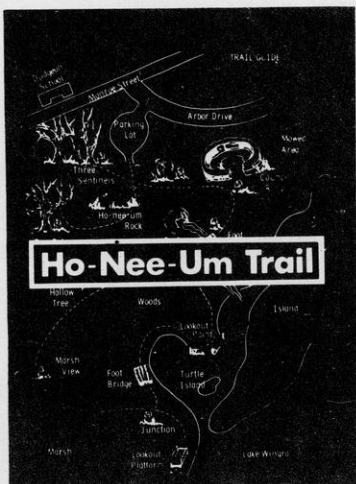
1969, Set of 2 filmstrips and guidebook. \$11.95. Part I: "Introduction to Winter at Ho-Nee-Um" 20 frames, (Grades K-6). Part II: "A Winter Walk at Ho-Nee-Um" 34 frames, (Grades K-3).

Resources for a teacher-guided field trip to a nature trail in the University of Wisconsin Arboretum. "A Winter Walk at Ho-Nee-Um" emphasizes awareness through sight, sound, and touch.

4 EXPLORING HO-NEE-UM IN THE SPRING

(Grades 3-4), 1969, 72 frames, filmstrip and guidebook. \$6.95.

Resources for a teacher-guided field trip to a nature trail in the University of Wisconsin Arboretum. Themes are spring changes, habitat, and effects of man on the environment.



**5/6 THREE LAYERS OF GREEN
IN THE MADISON SCHOOL FOREST**

*(Grades 4–6), 1969, Set of 2 filmstrips
and guidebook. \$15.00.*

*Part I: "Introduction and Canopy Layer"
52 frames.*

Part II: "Shrub and Herb Layer" 34 frames

The oak forest as a natural community. Typical plants of each layer of the forest are introduced, with emphasis on the interrelationships these plants have with animals and other plants in the forest.

7 AN ARTIST TALKS TO CHILDREN

*(Grades 1–6), 1968, 63 frames, filmstrip
and guidebook. \$6.95.*

Aaron Bohrod, University of Wisconsin Artist-in-Residence, paints a picture of a horse and answers children's questions. Print of the horse painting is included.

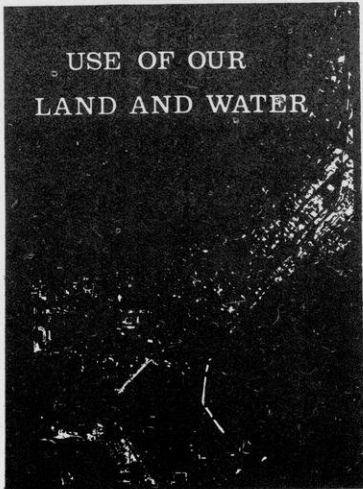
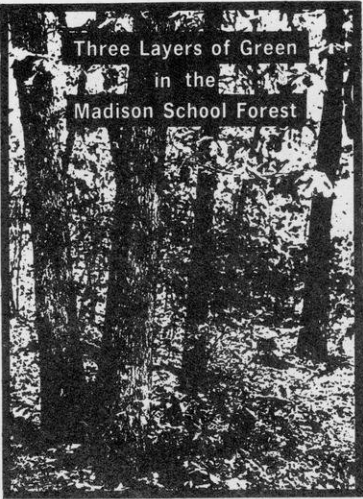
8/9 USE OF OUR LAND AND WATER

*(Grades 4–6), 1968, Set of 2 filmstrips
and guidebook. \$11.95.*

*Part I: "Our Changing Use of Land and
Water" 40 frames*

*Part II: "How Should We Use the Land?"
34 frames*

Resources include aerial photographs of Madison and surrounding area. Emphasis is on how geographic features affect the community, and the influence of man on land use.



10 ----- A CITIZEN'S ROLE IN CITY GOVERNMENT

(Grades 4-5), 1968, 30 frames, filmstrip and guidebook. \$6.95.

Uses an actual example (how the Randall Avenue neighborhood saved their street trees) to show citizens acting effectively through the democratic process.

11 ----- A VISIT TO CITY HALL

(Grades 3-4), 1968, 41 frames, filmstrip and guidebook. \$6.95.

Resource set to provide for students an audiovisual tour at Madison's City Hall of the Police, Water, Planning, and Health Departments, the City Treasurer, and Mayor's offices.

12 ----- A ROSTER OF MADISON'S SERVICE TEAMS

(Grade 5), 1969, 66 frames, filmstrip and guidebook. \$6.95.

The Madison Fire, Police, Library and Health Departments illustrate specialized community "teams" which provide services the individual cannot effectively provide for himself.

**City Government
Slide-Tape Set**



SOCIAL WELFARE
 PROPERTY OF 1960
 MADISON
 PUBLIC SERVICE

CITY OF MADISON ROSTER	
Position	Name
FIRE CHIEF	BALDY MCGRAW
POLICE CHIEF	WILBUR EMERY
LIBRARY DIRECTOR	BERNARD SCHMIDT
PUBLIC HEALTH DIRECTOR	DR. CHAS. KINCAID

**A ROSTER OF
MADISON'S
SERVICE TEAMS**

13/14 LEGENDS OF LAKE MENDOTA

(Grades 3-5), 1969, Set of 2 filmstrips and guidebook. \$11.95.

*"The Spirit Raccoon" (Pioneer Version),
33 frames*

*"Lake Where the Indian Lies" (Indian
Version), 34 frames*

Two versions (pioneer and Winnebago Indian) of how Lake Mendota was named. Emphasizes that accounts of the same event and conclusions drawn depend on cultural background.

15/16 EARLY HISTORY OF THE MADISON AREA

(Grades 4-5), 1969, Set of 2 filmstrips and guidebook. \$13.50.

*"Early History of the Madison Area"
50 frames*

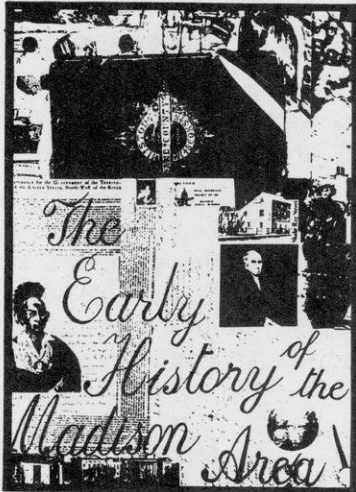
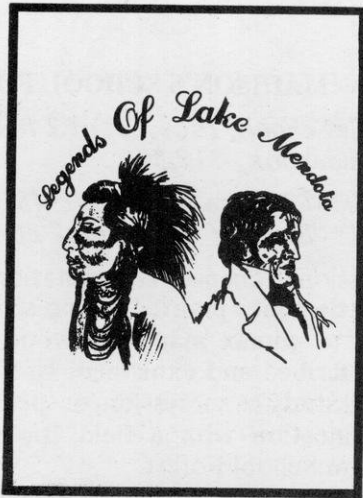
*"Reminders of Madison's History"
33 frames*

Designed to be used in conjunction with a unit on Wisconsin history. Narrative spans the period from the early mound builders through the first settlers in Madison. The student is encouraged to notice how present day names relate to this period. Many first-hand stories of the early settlers are included in the resource materials.

17 MADISON'S FOOD INDUSTRY

(Grades 2-6), 1969, 58 frames, filmstrip and guidebook. \$6.95.

Four industries (potato chip, dairy, meat packing and baking) are described to illustrate food production and increasing automation.



18/19 MADISON'S SCHOOL FOREST
*(Middle School), 1969, Set of 2 filmstrips
and guidebook. \$13.50.*

*Part I: "Clues to the Past" 45 frames
Part II: "Signs of the Future" 36 frames*

Successional changes in vegetation from pre-settlement prairie to present oak forest to climax maple-basswood forest are described and explained. Useful in a general study of succession, or specifically in connection with a field trip to the Madison School Forest.

**20 SELECTIONS BY BOHROD OF
HIS PAINTINGS**

*(Middle and High School), 1968, 51
frames, filmstrip and guidebook. \$6.95.*

Aaron Bohrod, University of Wisconsin Artist-in-Residence, answers students' questions about his paintings. Selection of paintings to illustrate his lifework was made by Mr. Bohrod from an exhibit at the Madison Art Center.

**21 MANY USES OF CLAY:
A MADISON CERAMICIST**

*(Grades 4-6), 1970, 64 frames, filmstrip
and guidebook. \$6.95.*

The artist's techniques in using wheel construction to create an owl from clay are illustrated. Resource materials include a vocabulary list, a map of important excavation sites where early pottery was found, information on Edgerton and Paulineware Pottery, plus pictures for bulletin board use. This filmstrip will help alert children to some "tools," nomenclature, history, procedures, and uses of clay in ceramics.



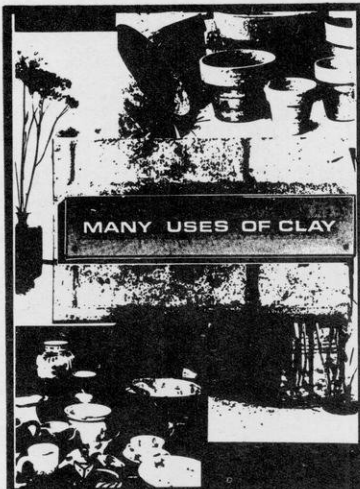
Madison School Forest



Selections



by
Aaron Bohrod
of His Paintings



22 **BIRDS OF PREY**

(Middle School), 1970, 37 frames, filmstrip and guidebook. \$6.00.

Introduces students to the different hawks and owls found in Wisconsin, and starts to build a basis of appreciation of these birds in their own environment and the necessity for proper habitat for survival.

23 **OLD ABE, CIVIL WAR EAGLE**

(Grades 4-5), 1970, 34 frames, filmstrip and guidebook. \$6.00.

The life story of Old Abe, the eagle mascot of Wisconsin's Eighth Regiment during the Civil War, is told. Reprints of first-hand source materials about Old Abe and Madison during the Civil War are included in the guidebook.

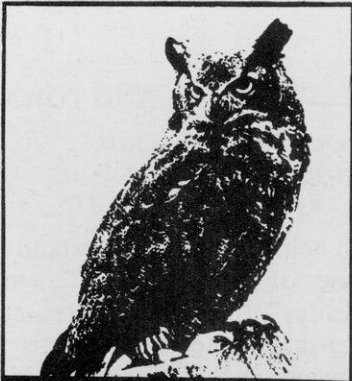
24/25 **GEOLOGY OF WISCONSIN**

(Middle School), 1969, Set of 2 filmstrips and guidebook. \$15.00.

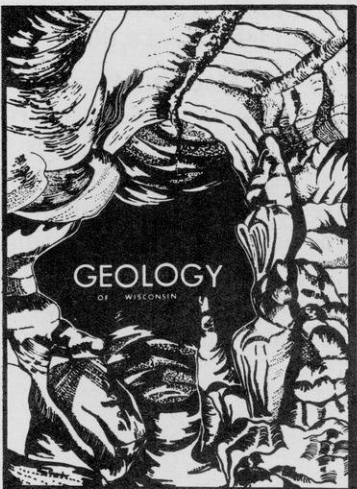
Part I: "Precambrian Era," 45 frames

Part II: "Paleozoic Era," 69 frames

Time chart, maps, and field trip guide for southwestern Wisconsin illustrate how a student can look at the present environment to learn about its geological past.



BIRDS OF PREY



26/27 ----- **TOWNS AND TOWNSHIPS**

(Middle and High School), 1970, Set of 2 filmstrips and guidebook. \$13.50. Part I, 49 frames. Part II, 33 frames.

Used to help students understand Wisconsin's use of the terms "Towns" and "Townships" through a presentation on the long range effects of the early public land surveys. A Supplementary Materials Kit containing over 30 bulletin board displays, transparencies, pamphlets, maps, and additional resources for launching individual or small group research projects. The filmstrips used in conjunction with the Supplementary Materials Kit can serve as an introduction to problems of urban growth and the complications of intergovernmental relationships in dealing with pollution control, zoning and planning, transportation, etc.

28 ----- **SANDSTONES AND
BUFFALO ROBES**

(Middle School), 1970, 42 frames, filmstrip and guidebook. \$6.00.

Script by the Madison Planning Department that can be used with a field trip or to promote an independent walking tour. The history and architectural style of eighteen downtown buildings are described as part of the mapped tours. Also included are lists of historic University buildings and several buildings designed by Louis Henry Sullivan and Frank Lloyd Wright.

TOWNS and TOWNSHIPS



SANDSTONE and BUFFALO ROBES



**29/30/31 ----- GLACIAL GEOLOGY
OF WISCONSIN**

(Middle School), 1970, Set of 3 filmstrips and guidebook. \$16.50.

Part I: "Introduction," 23 frames.

*Part II: "How the Glacier Reshaped the
Land," 62 frames.*

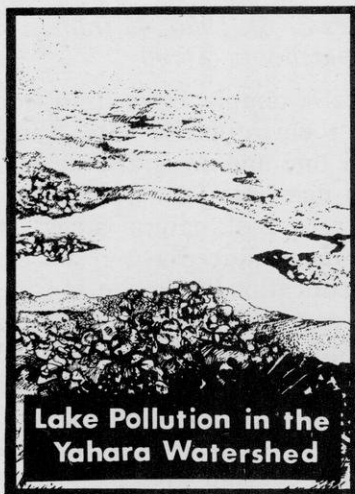
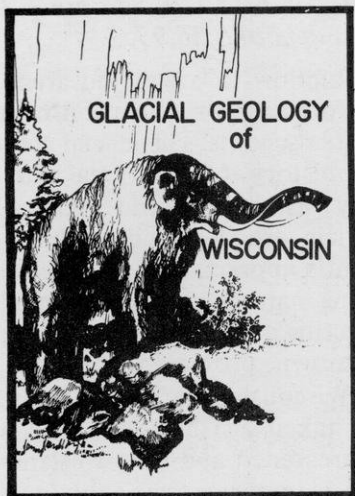
*Part III and IV: "Fossils and Economics,"
27 frames.*

Through the use of pictures of the Wisconsin landscape including exciting aerial photography, this set interprets the effect that glaciers have had in shaping Wisconsin land forms. The student is encouraged to develop awareness of: the glacial history of Wisconsin; the time that it took to develop glacial land forms; the topographical effects of the glaciers in Wisconsin; the economic use of glacial materials today; the recreational use of glacial materials today; and life during the Pleistocene as revealed through fossil study.

**32 ----- LAKE POLLUTION IN THE
YAHARA WATERSHED**

(Middle and High School), 1970, 72 frames, filmstrip and guidebook. \$6.95.

Describes: 1) How the Yahara River Valley was reshaped by glacial action; how the Madison lakes were formed. 2) Changes in the watershed since Indian times, especially the effects of urbanization. 3) The present problem—causes and proposed remedies. 4) Problems of implementation. The specific example of the Yahara Watershed is used to increase the student's understanding of how pollution problems develop, and some of the steps necessary in working out solutions (such as interpretation of historical changes, scientific analysis, government involvement).



**33 ----- CHEROKEE MARSH
—A WETLAND TO CHERISH**

(Grades 5–6), 1970, 52 frames, filmstrip and guidebook. \$6.95.

Introduction to a wetland area which is used for outdoor education by the Madison area schools. The glacial geology and early history of the area are covered briefly as background materials. The materials are designed to heighten the student's appreciation of a wetland as an exciting natural community made up of interacting plants and animals. Pictures of well-known protected wetlands in and near Wisconsin are included as well as many taken at Cherokee. Why wetlands are threatened and why wetland preservation is important are explained, as well as the City of Madison's role in protecting this particular area.

**34 ----- EAGLE HEIGHTS WOODS:
MAN'S USE OF LAND**

(Grades 2–6), 1970, 42 frames, filmstrip and guidebook. \$6.00.

A local example is used to contrast a natural environment with a man-maintained one and to show the conflict between demands for "development" and preservation of natural areas. This filmstrip was produced as a result of an Outdoor Education Workshop. It is dedicated to the concept of a land ethic as expressed by Aldo Leopold: "We abuse land because we regard it as a commodity belonging to us. When we see land as a community to which we belong, we may begin to use it with respect and love That land is a community is a basic concept of ecology, but that land is to be loved and respected is an extension of ethics."

Cherokee Marsh



A Wetland to Cherish

EAGLE HEIGHTS WOODS

Man's Use
of Land



**35 ----- CAREERS IN AUTOMOTIVE
SERVICE**

*(Middle and High School), 1969, 42
frames, filmstrip and guidebook. \$6.00.*

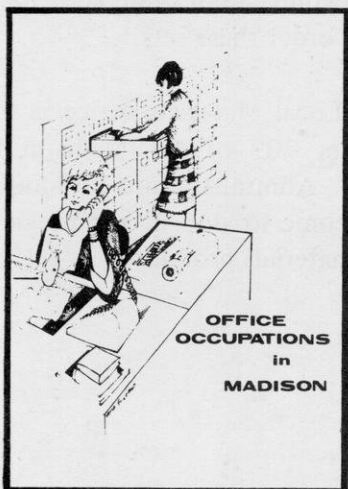
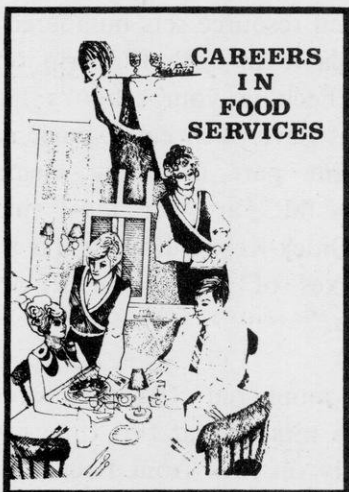
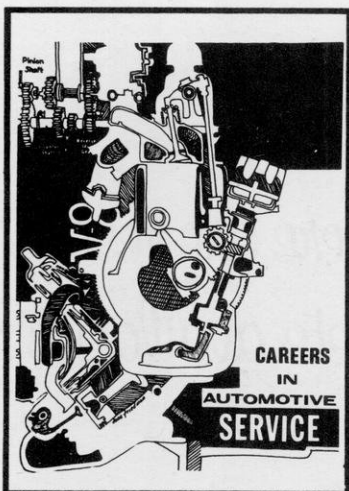
36 ----- CAREERS IN FOOD SERVICE

*(Middle and High School), 1969, 39
frames, filmstrip and guidebook. \$6.00.*

**37 ----- OFFICE OPPORTUNITIES
IN MADISON**

*(Middle and High School), 1969, 42
frames, filmstrip and guidebook. \$6.00.*

Three vocational counseling sets for use in the instructional materials center or by the guidance counselor to aid students in making a career choice.



Where are resource sets available?

Revised resource sets numbered 1-37 are available in both filmstrip or slide form. Check in your school's IMC for sets that have been catalogued. Also, a permanent part of every elementary school's IMC are six local materials kits: "Quick-Key Guide to Trees" and five boxes of "Wisconsin Rocks and Minerals."

Sets numbered 101-116 are slide resource kits and at this time are available only on loan from Local Materials. Contact your school's IMC staff for order cards to order these sets.

The Local Materials office is located in Room 209 of the Madison Public Schools' Administration Building. You are welcome to stop in and preview any of the materials produced.

RESOURCE SETS

SAMPLE ORDER BLANK

Resource Set Name and Number

Check one:

Slides _____ Filmstrip _____

Indicate Week:

_____ 1st choice

_____ 2nd choice

Check one:

Teacher _____ Parent _____

Name _____

School _____

Return to: Mary Lou Peterson, Supervisor
Local Materials Office
Room 209, Administration Building
Madison Public Schools
545 West Dayton Street
Madison, Wisconsin

Instructional Materials About Our Community



**Local Materials
Curriculum Development**

**MADISON PUBLIC SCHOOLS
Madison, Wisconsin**

Douglas S. Ritchie
Superintendent of Schools

Carmelo V. Sapone
Director of Curriculum

Angeline Beckwith
Acting Coordinator, IMC

Mary Lou Peterson
Supervisor, Local Materials