

# EDUCATIONAL MATERIALS AVAILABLE FOR LOAN FROM PENNSYLVANIA SEA GRANT

## RIVAL FOR SURVIVAL BOARD GAME

This game of chance comes complete with fuzzy dice. Students become the life sized game pieces and an 11' x 17' tarp serves as the playing surface with this exotic species game. Teams of players answer questions to learn about the biology and impact of exotic species in the Great Lakes. An optional PowerPoint presentation may be used as an introduction.

Concepts & Subject Areas:  
Environment and Ecology  
Science and Technology

Grade Level: 4-8, may work for older students as well.

## ENVIRONMENTAL REDISCOVERIES ACTIVITY GUIDE AND BOARD GAME

### *Activity Guide*

This 135 page standards-based activity guide focuses on the ecology of Presque Isle, the biology of mayflies, the Presque Isle Bay watershed, and exotic species. Each lesson includes assessment tools.



### *Board Game*

Students will enjoy this interactive board game while they learn about Presque Isle Bay and its watershed. This game is best coupled with the *Environmental Rediscoveries* Activity Guide and field trip experiences.

Concepts & Subject Areas:  
Environment and Ecology  
Science and Technology  
Geography  
History

Grade Level: 4-8

## EXOTIC SPECIES TAG

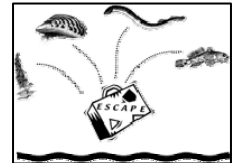
Challenge your students to a game of tag -- it's a battle of the *exotics* vs. *natives*. Demonstrate how exotics and natives compete for food and habitat. Watch what happens to the population as the exotics chase away the natives! This activity is best suited for outdoors or a large room or gymnasium.

Concepts & Subject Areas:  
Environment and Ecology  
Science and Technology  
Health, Safety, and Physical Education

Grade Level: 3-7

## ESCAPE FROM EXOTICS

ESCAPE, the Exotic Species Compendium of Activities Protects the Ecosystem, was compiled by the Great Lakes Sea Grant Network. It contains a collection of over 20 lesson plans and activities that provide many opportunities for students to learn about the impacts of exotic species on our environment. Activity-based lessons are cross curricular, appealing to a range of learning styles.



Concepts & Subject Areas:

Environment and Ecology

Science and Technology

Mathematics

Reading, Writing, Speaking, and Listening

Grade Level: K-12

## GREAT LAKES INVASION INSERT

This 16 page color insert presents information and activities on exotic species found throughout the Great Lakes. The insert incorporates crossword puzzles, an exotic species rap song and other fun activities to get your students interested in learning about exotic species.

Concepts & Subject Areas:

Environment and Ecology

Science and Technology

Mathematics

Reading, Writing, Speaking, and Listening

Grade Level: K-12

## PRESQUE ISLE BAY WATERSHED ACTIVITY BOOK

This activity book, developed by local high school students, provides many fun ways for your students to learn about their local watershed. Read the story of the environmental hero *Enviolad* as he discovers pollution in his local watershed and helps to clean it up. Learn about the animals that live in the Presque Isle Bay watershed through crossword puzzles, word searches and more. Assessment questions are included.



Concepts & Subject Areas:

Environment and Ecology

Reading, Writing, Speaking, and Listening

Grade Level: 3-6

## **PRESQUE ISLE BAY WATERSHED EDUCATION TEAM FELT ACTIVITY**

Teach your students about watersheds and water pollution using this interactive activity. First participants build a watershed by placing special pieces on the felt board. Students then learn to recognize where pollution comes from and how pollution affects the environment and their community. Assessment activities are included.

Concepts & Subject Areas:

Environment and Ecology  
Reading, Writing, Speaking, and Listening

Grade Level: K-2

## **PROJECT STEAR INTERACTIVE CD**

Project STEAR (Shipwreck Training Education Archeology Research) tells the chilling tales of ships that met their doom while crossing Lake Erie during fierce winter storms. STEAR also provides students with a better appreciation of the Great Lakes maritime heritage and why preserving that history is so important.

Concepts & Subject Areas:

Environment and Ecology  
Science and Technology  
Reading, Writing, Speaking, and Listening  
History

Grade Level: 4-8