

Great Lakes Explorer: Biodiversity, Hybrid CD

Investigate issues relating to biological diversity in the Great Lakes.

Product Features

Designed as a Stand-Alone Lesson	Interactive Student Reports
Ease of Instructor Evaluation	Printable Teacher's Manual
Further Assignments Outlined	Great Lakes Web Links and Other Resources Included

Grade Level

high School • College

Detailed Product Information:

The Great Lakes Explorer allows students to investigate issues relating to biological diversity by applying sampling and experimental techniques to learn about the animal life of the Great Lakes. Play at being an environmental toxicologist with the 'Toxomatic'. Simulate experiments to test the toxicity of pesticides like DDT and atrazine, or heavy metals like mercury. Compare your results for several different species of Great Lakes organisms. The 'Toxomatic' guides you through the steps in contaminant testing, and graphs your results.

Join Captain Tucker in his time machine to examine the changes in the fish communities of Lake Erie over the last 10 000 years. Witness the decline of some fish and the increase in abundance of others. Gain a new perspective on the impacts of humans on the Great Lakes ecosystem.

This CD-ROM is suitable for senior high school and junior post-secondary students. Each module is designed as a stand-alone lesson of approximately 30 minutes. Interactive student reports are incorporated into the modules. This combines the motivational power of CD-ROM interactivity with ease of evaluation for instructors.

A comprehensive teacher's manual is printable from this CD. This document provides background information on concepts, experimental methods, and programming. It provides full descriptions of the assignments and the reports they generate, including marking schemes. Suggestions for further assignments are outlined, and Great Lakes web links and other resources are included.

System Requirements:

Windows:

Windows 95 or later
486/33 MHz processor or better
16 MB RAM; SVGA color monitor
4X CD-ROM drive; 16-bit Sound card

Macintosh:

System 7.0 or later
68040/25 MHz processor or better
8 MB RAM; SVGA monitor
2X CD-ROM drive; built-in audio

List Price:

Great Lakes Explorer: Biodiversity, Hybrid CD, Single User
Item: 99538001 Price: \$79.00

Great Lakes Explorer: Biodiversity, Hybrid CD, 5 Pak
Item: 99538005 Price: \$158.00

Great Lakes Explorer: Biodiversity, Hybrid CD, 10 Pak
Item: 99538010 Price: \$285

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About Tangent

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