

## Toronto Zoo Great Lakes Program Teacher Resources

### Life Systems: Grade Seven – Interactions within Ecosystems

[English Lesson Plans](#)   [French Lesson Plans](#)

Activity	Time	Curriculum Connections	Materials
Lesson One: Imagine a World Without Fishes	30 min	Interactions in the Environment	Worksheets, computer
Lesson Two: Local Fishes Display	5 x 30 min	Interactions in the Environment	Worksheets, computer **lesson plan is originally built to be a physical display but can adapt as a digital creation**

### Aqua-Links

Activity	Time	Concepts	Materials
<a href="#">Lesson One: The Great Lakes of the World</a>	60 min	Interactions in the Environment 3.8	Worksheets, computer, printer
<a href="#">Lesson Two: Ecosystems</a>	45 min	Interactions in the Environment 3.1, 3.2, 3.3, 3.4, 3.8	Worksheets, computer **board game activity would need to be modified to run virtually**
<a href="#">Lesson Three: Ecosystems, continued</a>	30 min	Interactions in the Environment 3.3, 3.8	Worksheets, computer **teacher can possibly conduct experiment from home to limit risks students could be exposed to i.e. water, disease**
<a href="#">Lesson Four: Alien Invaders</a>	60+ min	Interactions in the Environment 2.3, 3.1, 3.8	Worksheets, computer **students can create newspaper report, radio segment, or television report**
<a href="#">Lesson Five: The Great Lakes of East Africa 1</a>	60+ min	Interactions in the Environment 1.2, 2.4, 2.5, 3.8	Worksheets, computer, bucket/large container
<a href="#">Lesson Six: The Great Lakes of East Africa 2</a>	60 min	Interactions in the Environment 2.5, 3.8	Worksheets, computer **some group work opportunities**
<a href="#">Lesson Seven: The Great Lakes of East Africa 3</a>	60 min	Interactions in the Environment 2.5, 3.8	Worksheets, computer, printer **some group work opportunities**

### Other resources/opportunities:

- [Great Lakes Local Species Brochure](#) – other languages also available [here](#)
- [Redside Dash](#) – computer game about the locally endangered redbottom dace
- Great Lakes Teacher Learning Resource [Teacher Guide](#) and [Student Workbook](#)

- A variety of physical resources about local aquatic species – can be mailed available upon request
- Adopt-A-Pond Wetland Conservation Program [Rattlesnakes Lessons and Activities](#), [Turtles Lessons and Activities](#), [Wetlands Lessons and Activities](#), [Species Guides](#), [Games](#)
- Native Bat Conservation Program [Conservation Guide](#), [Bat Awareness App](#), [How the Toronto Zoo is helping](#)
- [Turtle Island Conservation teaching resources](#)
- Blue Schools Full Home Water Audit Activity – attached to this email
- [Podcast on the Toronto Zoo's Great Lakes Conservation Programs](#)
- [Migratory Fish Song Writing Contest](#)
- [H.O.M.E.School – live lessons from the Alliance for Great Lakes](#)