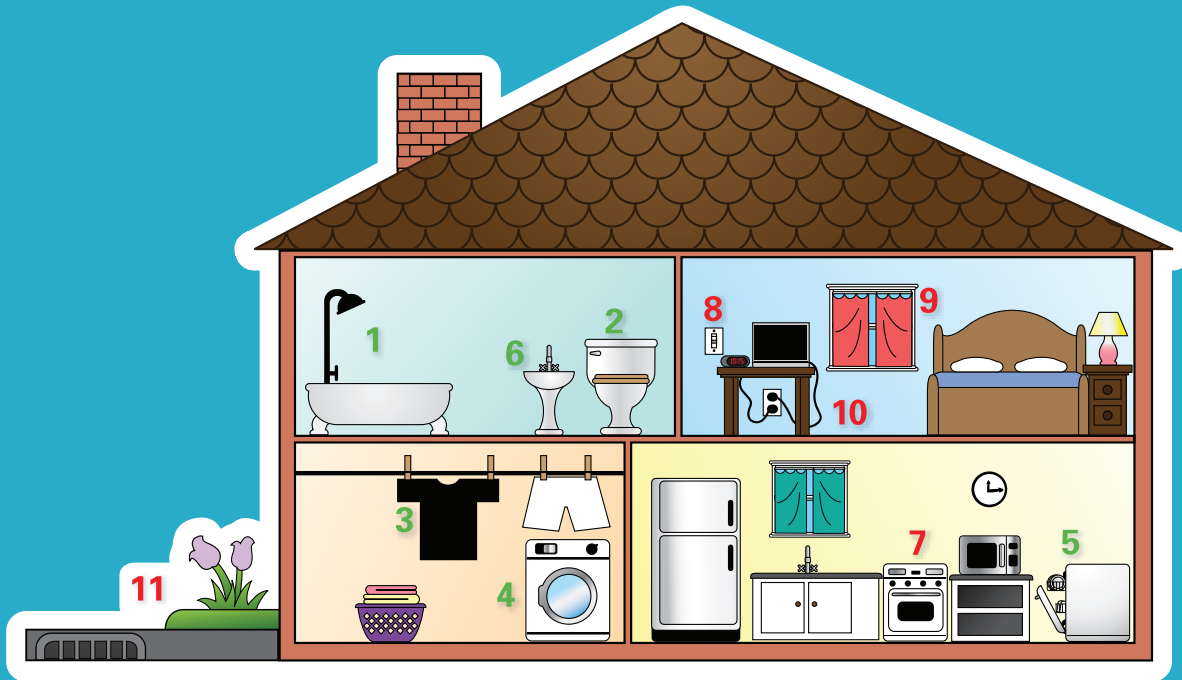


You Can Help!



RIGHT ✓

1. Take shorter showers instead of baths
2. Install a low volume toilet using less water to flush
3. Put up a clothes line in the basement, don't use the dryer
4. Make sure you have full loads of laundry to do each time
5. Fill the dishwasher before you start it
6. Turn the tap off when brushing your teeth or washing your hands

WRONG ✗

7. Replace energy draining appliances
8. Don't leave lights on
9. Don't leave curtains open during the day
10. Don't leave computers, laptops and video games on and unplug when not in use
11. Don't use fertilizer, pesticides - everything washes down stormdrains

Keep our Great Lakes Clean!

The Great Lakes Program

- FREE & Bilingual
 - Based on the Ontario Science and Technology Curriculum
 - Offered to Grade 1, 2, 4, 6, 7, 8, and 11 students across Ontario
- Includes PowerPoint presentation, educational artefacts and question/answer session with the biologist in the classroom

Questions and bookings?
Contact us
greatlakes@torontozoo.ca

Check out our website
www.torontozoo.ca

NEW Grade 8 Teaching and Learning Resource
greatlakes.axonsphere.com

VISIT Great Lakes fishes at the



IN PARTNERSHIP WITH:



Great Lakes Program



NOAA, Great Lakes Environmental Research Laboratory

**American Eel
Pugnose Shiner
Eastern Sand Darter
Lake Sturgeon
Redside Dace
Freshwater Mussels
Channel Darter
Atlantic Salmon**



Great Lakes Program



American Fisheries Society

REDSIDE DACE
ENDANGERED

- Habitat: cool, clean rivers and streams of L. Ontario and L. Erie
- Leaps out of the water to feed on insects



Nate Tessler

CHANNEL DARTER
THREATENED

- Feeds on aquatic insect larvae and crustaceans
- Member of the perch family



Todd Stailey

LAKE STURGEON
THREATENED

- Diet: small fishes, molluscs, crayfishes, insect larvae
- One of the largest freshwater fishes in North America



J.E. Swedberg

ATLANTIC SALMON
EXTINCT

- Land-locked (remain in L. Ontario watershed, do not go out to sea)
- Restocking program to increase population in L. Ontario



A. Dextrase

EASTERN SAND DARTER
THREATENED

- Often mistaken for round goby (an invasive species)
- Threats: siltation, pollution, dams



Todd Morris
Department of Fisheries and Oceans

EASTERN POND MUSSEL
ENDANGERED

- Inside of shell can be silvery white, pink or purple
- Threats include pollution and competition from zebra mussels



Garold W. Sneeegas

AMERICAN EEL
ENDANGERED

- Long migration (over 6,000km) to Sargasso Sea to spawn
- Threats: fishing, pollution, dams, large predators



Conrad P. Schmidt

PUGNOSE SHINER
THREATENED

- Scatter their eggs among plants in the water, instead of making a nest
- Sensitive to changes in their ecosystem

Great Lakes Program Species At Risk

I am Important! I am Protected!



Shawn Stator

NORTHERN RIFFLESHELL
ENDANGERED

- Exterior of shell is brownish-yellow with fine green rays
- Threats: runoff, pollution, siltation and zebra mussels

Mussels are endangered! Keep them safe!

- Ontario has 41 freshwater mussel species
- These invertebrates filter 9 L of water/hr to feed
- Mussels are considered an indicator species for healthy waters

Invaders!



Zebra and Quagga Mussels

- These invaders arrived in ship ballast from Asia and Europe
- Now thriving in the Great Lakes
- Live in large colonies
- Clog shorelines and piping
- Displace native mussels