

TILT Kids 2018 Camp



Thursday, August 9th
Grindstone Island Preserve and Nature Trail

Welcome!

To the 2018 TILTKids Day Camp: “Invasive Inspectors” – Which Species Should Stay or Go Home? at the Grindstone Island Preserve and Nature Trail

For TILT’s 6th annual Day Camp, TILTKids will experience “Good Vs. Bad” bugs, plants and aquatic critters – learning who is invasive and who isn’t.

Get outside and search for all different critters with TILT’s Stewardship Director Brandon Hollis and TILT’s Assistant Director and Director of Land Conservation Spencer Busler.

Go on a discovery hike lead by Steve & Vici Diehl, bug experts extraordinaire and get to see damselflies, dragonflies and more!

Learn all about what species live in the St. Lawrence River with Patricia, our friend from Save the River!

Today's Workshops



#1

Aquatic Invaders

with Patricia Shulenburg from Save the River

****NOTE: When you hear the air-horn,
follow your group leader and rotate
to next station!***



#2

Scavenger Hunt

with Brandon Hollis and Spencer Busler from TILT

***We will all meet back for lunch and
swimming!***



#3

Good Bugs, Bad Bugs, and Photos

with Steve and Vici Diehl



Welcome to

Grindstone Island Preserve and Nature Trail



DeFiNitions



NATIVE SPECIES

+

A species that naturally exists in an area.
Native species are adapted to local conditions
& are part of a natural, balanced system.

INTRODUCED/ NON-NATIVE SPECIES

+/-

A species that is living outside of its natural range
& arrived to an area due to human activity.
Can have positive, negative, or neutral effects
on an ecosystem.

INVASIVE SPECIES

-

A non-native species that aggressively
out competes and displaces native species,
and have a negative impact on the
ecosystem, human health, and the economy.



What Makes an Invasive Species So Successful?

1. Few natural predators, competitors, parasites and diseases
2. High reproductive rate
3. Long lifespan
4. Good dispersal

Giant Hogweed is a dangerous invasive plant that can cause harm to humans because of its toxic sap! Giant Hogweed grows fast, and pushes the native plants out of their home.



Swallow-Wort is an invasive plant that may look pretty when it flowers, but takes over the land so native plants can't live in the same area. The plant makes it hard for monarch butterflies to lay their eggs, as their larva cannot survive on the plant.

Why are Native PLANTS and ANIMALS so Important?

Create Habitat for Birds and Wildlife

Some native plants offer shelter for wildlife, and make great homes for birds to build their nests and raise their families!



Food Sources for Animals

Many native plants, fish, and insects are food sources for hungry animals!



Increase Biodiversity

This means that there are a lot of different types of plants and insects instead of just one!

Draw the Most interesting PLANT you Saw today!



How Do We Manage Invasive Species?



CHEMICAL CONTROL

Using pesticides to kill the invasive species.

BIOLOGICAL CONTROL

Using intentionally introduced organisms to control the invasive species.

An example of Biological Control is releasing the *Galerucella* Beetle to eat the Purple Loosestrife, an invasive plant.



MECHANICAL CONTROL

Cutting down, burning, or removing invasive species by hand.



IMPACTS OF INVASIVES: ONE VS. MANY

ZEBRA MUSSEL



SEA LAMPREY

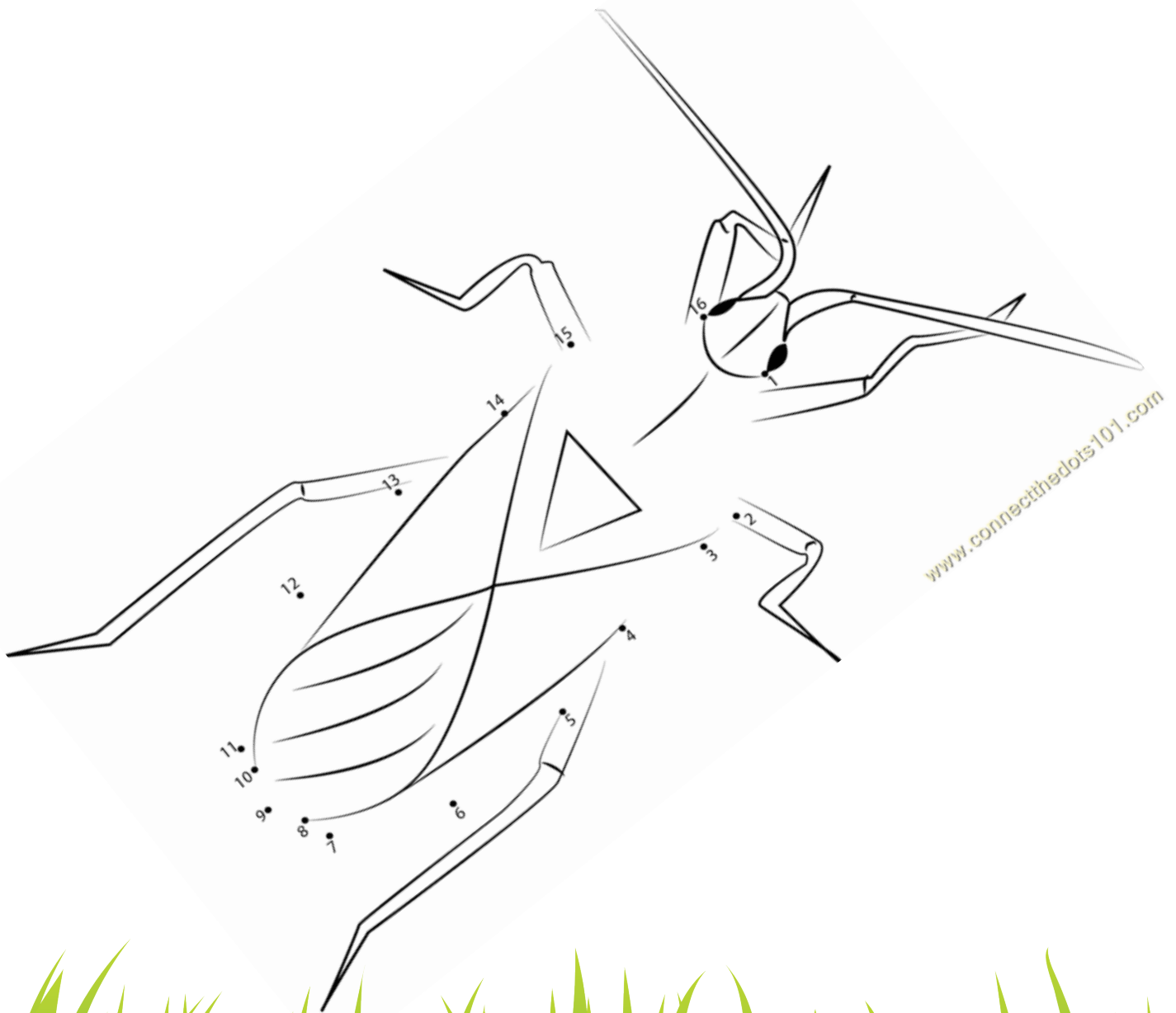


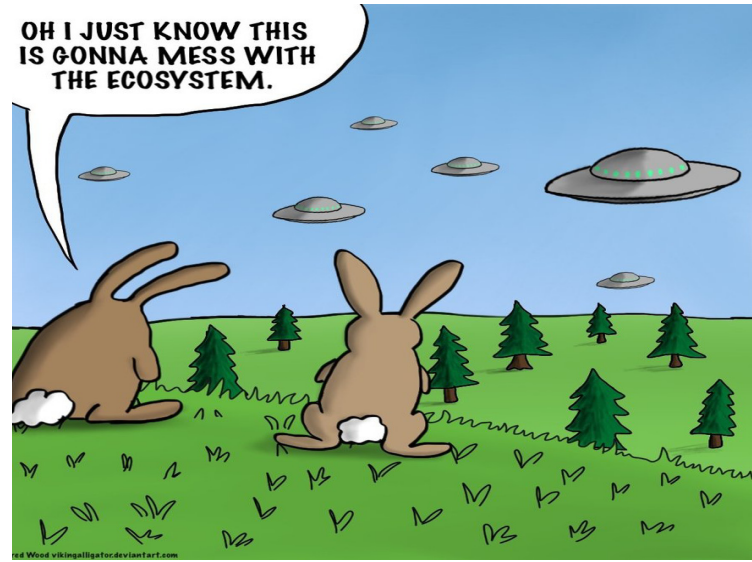
WATER CHESTNUT



Dot to dot Puzzle

Follow the numbers to find out who is crawling around!





Why are fish so well educated?

Because they stay in school!

What was your favorite part of your day at

TILTKids Day Camp Invasive Inspectors

My favorite part was _____

TILT Kids Camp "Invasive Inspectors" is part of the Thousand Islands Land Trust's KidsTrek series, encouraging living, learning and conserving in the 1000 Islands Region.

We here at TILT believe that encouraging a child's innate sense of wonder while they're young will result in a respect for the natural world that will last throughout their lives. The Treks programs show families the different ways they can "get out on the land." We invite the public to enjoy TILT's Signature Preserves year-round, including the Grindstone Island Preserve and Nature Trail. Thank you!



Thank you for getting outside with us today! Hope to see you soon out on the trails!



PO Box 238 Clayton, NY 13624 • P: 315.686.5345 • F: 315.686.4290
info@TILandTrust.org • www.TILandTrust.org



KidsTrek Season Sponsor



TILT Kids Day Camp "Invasive Inspectors" Sponsors

Shurfine Clayton Market
Car Freshener Little Trees
Reinman's Department Store

KidsTreks and TILT Kids Camp are made possible by a grant from the Leonard C. & Mildred F. Ferguson Foundation

The Thousand Islands Land Trust (TILT) is working to conserve the natural beauty, diverse wildlife habitats, water quality and outdoor recreation opportunities of the 1000 Islands region, for present and future generations!