



Aquatic Invasive Species with Molly the Mussel TEACHER KEY

Click here to watch the video: <https://youtu.be/Spamxts4kew>

1. What are Aquatic Invasive Species?

Aquatic Invasive Species are plants and animals that come into a new lake or river and cause problems.

Use this Word Bank to answer Questions 2-6
Use each choice only once

Zebra Mussels	Invasive Carp	Spiny Water-Flea
Eurasian Water-Milfoil	Curly-Leaf Pondweed	

2. Zebra Mussels are the size of your fingernail when fully grown and have alternating black and yellow stripes.
3. Eurasian Water-Milfoil is a plant that grows so thick that it forms mats on top of the water and gets stuck in boat propellers.
4. Curly-Leaf Pondweed is one of the first plants to start growing, even under the ice!
5. Invasive Carp can grow as heavy as 100 pounds! They can jump out of the water and injure boaters.
6. Spiny Water-Flea are very small with a sharp spine on their tail making them painful for native fish to eat.
7. What THREE things should you always remember to do to stop the spread of aquatic invasive species?

CLEAN! DRAIN! DRY!

Look at the picture below to answer Question 8:



8. There are seven ways in this picture that invasive species can spread from one place to another. Circle or describe below **THREE** ways aquatic invasive species could be spread.

1. The boat! The weeds stuck on the propeller could invade another lake. They should be cleaned off before the boat can leave.
2. The bait bucket in the water. The boater can't take water from the lake when they leave because the water could have tiny invasive species that they can't even see! The bait bucket should be dumped out.
3. The seaplane. Just like the boat, weeds could get stuck to the plane and should be cleaned off before the pilot goes to a different lake.
4. Unused bait should be thrown away in the trash instead of in the lake. The minnows could be invasive!
5. Aquarium pets and plants should never be released into a lake. You can give your pets to someone else who wants them and throw away the plants in the trash.
6. The duck hunter. Decoys used to attract ducks hold water so they don't tip over. These decoys should be emptied of water and the hunter should clean the mud off his boots and clothing to prevent spreading aquatic invaders.
7. The scuba diver. They could have plants, mud, or water, stuck to their equipment. Everything should be washed off before they leave the lake.

PLEDGE:

Write your name in the space below to take the Pledge and Stop the Spread of Aquatic Invaders:



I, _____, promise not to transport any Aquatic Invasive Species (AIS). I will keep Minnesota's waters clean and help stop the spread of aquatic invaders!

Teacher Links:

Watch the Youtube Video: <https://youtu.be/Spamxts4kew>

Download all files related to this lesson (including student worksheet, Powerpoint, and AIS Pledge):
<https://drive.google.com/open?id=19UuHFB6liBWYuPg4-EPfVWY3NnFbgevX>

AIS Teacher Toolkit with Additional Resources: https://drive.google.com/open?id=1dZ3PG-Skj4gv514B8sSNQ_7TChgwpRWC