



Arbor Day Journal

Stopais.org/arbor-day-online

Name: _____
School: _____



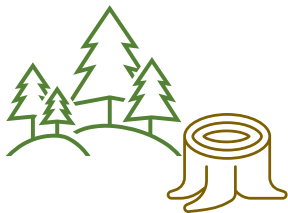


Station One: Plant pests 101

Answer the following questions based on what you learned from the video.

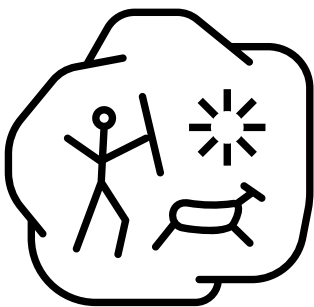


In your own words, what are invasive species?



Circle which is true:

- A) Invasive species populations don't grow unchecked in their environments because winter kills invasive species.
- B) Invasive species populations grow unchecked because none of their natural predators or environmental conditions are around to keep them in check.



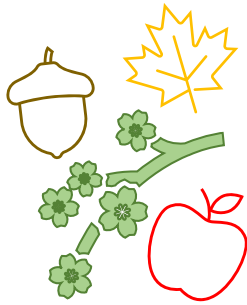
Draw a picture of how invasive species like plant pests get moved around:





Station Two: Tree personality quiz

Answer the following questions based on what you learned from the quiz.



My tree personality is: _____.

Draw one of your tree's features (like its shape, flowers, fruits or cones):



Circle which invasive species is your *bug* problem:

Spotted lantern fly — Asian long-horned beetle

Emerald ash borer — Nun moth — Murder hornet

Its body colors are:

Gray — White — Light brown — Red

Black — Blue — Dark brown — Green



We wrote a haiku for you—now it's your turn! Haikus are very short poems made up of three lines. The first line contains five syllables, the second contains five, and the third line contains another five syllables.





Station Three: Meet the pests

Circle which invasive species is your *bug* problem, then answer the questions based what you've learned about that pest:

Spotted lantern fly — Asian long-horned beetle — Emerald ash borer
Nun moth — Brown Marmorated Stink Bug — Murder hornet

Circle some of your pest's favorite foods:



Almonds — Tomatoes — Trees that produce fruit
Young tree needles — Grasses — Vines that produce fruit
Apples — Trees that produce maple syrup — Corn
Walnuts — Tree sap — Pears — Grapes

Circle some of your pest's favorite hiding places:



Under bark — Willow trees — In tree crevices
Under lichen — Ash trees — Inside tree cores
Birch trees — Elm trees — Sycamore trees — In houses
Under leaves — Under cars — In shipping crates
Oak trees — Pine trees Maple trees



Draw a picture of something that happens because of this bug's bad behavior:



Name one action that you should take if you think you see an invasive species:





Station Four: Let's take it outside

Find a safe, comfortable place with some trees that you can look at and answer the following questions based on what you see.



Look at a few trees. Pick which sentence best describes what their tree tops look like?:

- A) Some trees look full and healthy while others look thinner on top
- B) All the trees I see look full and healthy. Round or triangle shaped just like they're supposed to be!
- C) Uh oh, some of the trees I see look thin and sickly.

Let's take a closer look! Pick one tree. Do you see:



- A) Leaf damage, discoloration, thinning foliage, holes in the trunk, or leaf sizes that look different than the other trees?
- B) Borer holes in the tree trunk or sawdust on the ground near the trunk?
- C) A bug that looks like one of those invasive species introduced to you earlier?

Now what?

If you see any of these signs—especially a bug that you think is an invasive species—take a picture of it or capture it!

Then show an adult, who can call their local parks department or university to help you identify what you've found.



Did you know that August is tree check month? Come back to these trees in August to see if you notice anything different!





Thanks for participating!

To learn more, and do even more bonus activities, visit stopais.org/arbor-day-online

