

10/4/2017

## Scavenger Hunt – Facts about Bugs (to hang around the garden)

All the cards with and without their answers are shown below (please scroll down).

Only those cards without their answers have a string attached, so you can hang them at various places around the garden.

1. Ask the students to look around the garden to find the cards.
2. To minimize chaos, give each student a number (e.g. 1, 2, 3, etc.).
3. Ask Student #1 to lead the group to the first card. #1 finds, reads, answers or asks the group to help answer the question.
4. Then move to Student #2.
5. Repeat until all the cards are found.





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Q: Is this larva a good or bad garden bug? What will it grow up to be?

Bonus Question: What is a larva?

How much water does one TMA cistern hold?



Where does the water come from?



Q: Is this larva a good or bad garden bug? What will it grow up to be?



Green Lacewing

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Q: Are these larvae good or bad garden bugs?  
What will they grow up to be?



Q: What insect is this and is it a good  
or bad garden bug and why?



Q: What insect is this and is it a good or bad  
garden bug and why?

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Q: Is this larva a good or bad garden bug? What will it grow up to be?

Bonus Question: What is a larva?

A: Good Bug: Ladybug Larva which eats aphids.

Grows up to be a ladybug.

Larva: immature, wingless, feeding stage of an insect that undergoes complete metamorphosis



Q: What insect is this and is it a good or bad garden bug and why?

A: Good Bug: Soldier Beetle who eats aphids



Q: Is this larva a good or bad garden bug? What will it grow up to be?

A: Good bug: Green Lacewing larva, which feeds on aphids. Sometimes called an "aphid lion" because it LOVES eating lots of aphids.

Grows up to be a Green Lacewing.



Adult Green Lacewing

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Q: Are these larvae good or bad garden bugs?  
What will they grow up to be?

A: Bad Bug: Sawfly larvae—look like caterpillars but are not; many types of sawfly tend to feed in large groups. They eat plant leaves and conifer needles.

Photography by Clemson University - USDA Cooperative Extension Slide Series



Adult Common Sawfly.



Q: What insect is this and is it a good or bad garden bug and why?

A: Bad Bug: Aphid which destroys almost any plant!

Photo: Shipher Wu (photograph) and Gee-way Lin (aphid provision), National Taiwan University



How much water does one TMA cistern hold? 500 gallons

Where does the water come from?

Rain—runoff from the roof. In a program called “Water in Our World”, the 5th graders learned the roof collects 500 gallons of water in 20 minutes during rain. Two more cisterns were added in 2013-2014, raising the total amount of water collection to 1,500 gallons.