

Activity 1

	Life Cycle A	Life Cycle B
1. What kind of metamorphosis does this lifecycle model?		
2. How do mouthparts differ between the immatures and adult shown?		
3. List the common name of three vegetable pests that exhibit this kind of metamorphosis.	1. 2. 3.	1. 2. 3.

Bonus question: what kind of mouthparts would you expect a beneficial predator to have? Why?

Activity 2

Minute Pirate Bug

1. How do immatures differ from adults? What's another name for the immatures?

2. What type of development (metamorphosis) does this insect go through?

3. What are the preferred insect prey according to the vegetable pest card set?

Green Lacewing

1. What do these insects feed on?

2. What kind of mouthparts do they have?

Parasitic Wasp

1. How many eggs does an adult lay in each aphid?

2. What is a mummy?

Visually, how does it differ from a live aphid?

Bonus question: based on UC IPM resources, name 2 ways to encourage natural enemies.

- 1.
- 2.

Activity 3

Pressed Leaves	Damage A	Damage B
1. Describe damage.		
2. What is a possible insect pest that would cause this damage?		
3. What kind of mouthparts does that pest have?		
4. What is one management practice for this pest?		

Bonus Questions: Caterpillar image	
1. Describe the damage this insect pest would cause.	
2. What kind of mouthparts does this insect pest have?	
3. What is one management method for this pest?	

Activity 4

Insect	Is this insect a pest, beneficial, or benign?	What is the common name of this insect?	What kind of mouthpart does this insect have?
A			
B			
C			

Bonus question: what orders do these insects belong to?

A.
B.
C.

Activity 5

Select one pesticide product. What is the name of the product?
1. What is the AI (active ingredient) for this product?
2. What is the preharvest interval (days between the last application and harvest of edible plants)?
3. Is this a ready-to-use (RTU) product or a concentrate?
4. Can this product be applied to your vegetable crop group?
5. How do you apply this product?

Bonus activity: compare the product you chose with someone else's.