



Identification & Importance of Mosquitoes

1. Take 1 adult mosquito from the vial in the Life Cycle Kit and use the Adult Mosquito Identification Key and a magnifying glass or a microscope (if available) to identify it.

2. What species of mosquito did you identify?

3. How did you figure out that it was this species?

4. Draw, label and color the mosquito that you identified in the space below. Make sure to include and label the characteristics that helped you identify that particular species of mosquito.

Drawings should be labeled and emphasize the unique characteristics of the mosquito that they identified.

5. One reason why it is important to control mosquitoes is that some species of mosquitoes have the ability to transmit certain diseases to people and animals. Use the internet or library to research any disease that is transmitted by mosquitoes. Find out the following information:

Disease : _____ Mosquito(es) that transmit it: _____

Approximate number of people affected by the disease per year: _____

Geographic range of disease: _____

What needs to be done to combat the disease: _____

6. All species of mosquitoes prefer to bite humans rather than other animals. True False

7. All mosquito larvae require clean water to live in. True False

8. All species of mosquitoes can transmit West Nile virus to humans. True False

9. Some mosquitoes are more likely to bite birds than humans. True False

10. Why is it important to control mosquitoes? _____

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