

# Life Cycle Kit Experiment & Investigation

# TEACHER'S COPY

**Goal:** To learn about and observe the mosquito life cycle.

**Materials:** Life Cycle Kit, pencil, crayons

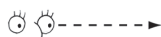
**Procedure:**



1. Find the vial with the **adult mosquitoes**. Gently pour out 1 or 2 and look at them with the **magnifying glass** from the Life Cycle Kit.



2. Use the **magnifying glass** to look at the tiny **egg rafts** in the vial. Please do not open this vial.



3. Watch (**observe**) the mosquito **larvae** and **pupae** in the **emergence cage**.

## Observations

1. You just **observed** the **mosquito life cycle**. Circle all the parts of the life cycle that you saw.

All 4 parts of life cycle should be circled.

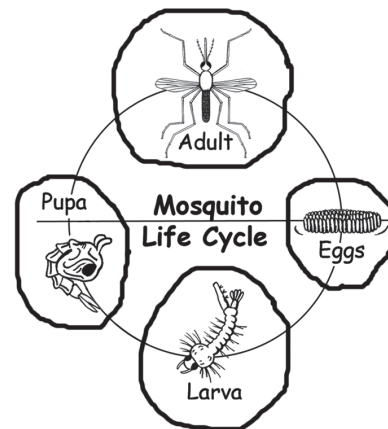
2. What were the mosquito larvae and pupae doing while you were looking at them?

Possible answers include breathing at surface, swimming, eating.

3. What happens if you gently tap on the emergence cage?  
The larvae and pupae dive down to the bottom.

4. Do you see any larvae hanging upside down at the top of the water? Yes.

5. What do you think they are doing up there? Breathing.



## Conclusion

1. Where do larvae and pupae live? Water

2. Could mosquito larvae and pupae be living in your backyard? Where?

Yes, anywhere that is holding water- like buckets, wagons, ponds, toys, etc. (answers will vary)

3. What do you like best about watching the mosquitoes?

They looked like they were dancing! (example)

Draw an **adult** mosquito here...

Draw a mosquito **pupa** here...

Draw a mosquito **egg raft** here...

Draw a mosquito **larva** here...