

## Butterfly Encounter Pre-visit Survey

1. What are the 4 stages in the life cycle of a butterfly? \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.
2. Why do monarchs cluster together? \_\_\_\_\_.
3. How long does it usually take for a monarch egg to hatch? \_\_\_\_\_.
4. What is the first thing a caterpillar does when it hatches from its egg? \_\_\_\_\_.
5. How many instars does a monarch caterpillar go through? \_\_\_\_\_.
6. The chrysalis is the \_\_\_\_\_ stage of the butterfly.
7. About how long is the monarch a chrysalis? \_\_\_\_\_.
8. A monarch that comes out of its chrysalis in the summer lives about how many weeks? \_\_\_\_\_.
9. A monarch that comes out of its chrysalis in the fall will fly to Mexico, if it survives it may live up to \_\_\_\_\_ months.
10. What are the 3 major regions of an insect body? \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.
11. All caterpillars have this many true legs. \_\_\_\_\_
12. What is the name for the 10 special legs that caterpillars use to support their abdomen? \_\_\_\_\_
13. Are spiders insects? \_\_\_\_\_
14. How do you distinguish a male from a female monarch? \_\_\_\_\_.
15. How many wings does a monarch have? \_\_\_\_\_
16. What is the name for the place where a plant or animal gets all of the things they need to live? \_\_\_\_\_.
17. Name for the organs on an insect's head that are used to sense touch, vibration, taste or smell. \_\_\_\_\_.
18. Monarchs undergo a \_\_\_\_\_ metamorphosis.

19. How many butterfly species have been identified in Florida? \_\_\_\_\_

20. How many moth species have been identified in Florida? \_\_\_\_\_

21. Name 2 differences between moths and butterflies: \_\_\_\_\_,  
\_\_\_\_\_.

22. Name 3 things that harm butterflies. \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_.

23. Why does a monarch migrate? \_\_\_\_\_.