|  |  |
| --- | --- |
| **Name:** |  |

|  |  |
| --- | --- |
|  | Trapping Mosquitoes **Student Data Collection Sheet** |

Think About It! Write your answers below:

|  |  |
| --- | --- |
| Understanding Mosquitoes | 1. What attracts mosquitoes? |
| 2. At what times of day have you seen mosquitoes? |
| 3. Where do you see mosquitoes most in your community? |

|  |  |
| --- | --- |
| Mosquitoes and CDC | 1. What is the goal of the United States Public Health Service? |
| 2. Why was it important that the MCWA be located in the southern United States? |
| 3. How did controlling malaria change the way we handled **public health** issues? |

|  |  |
| --- | --- |
| Citizen Science | 1. What location will you use for your trap? |
| 2. How often will you need to check your trap? |
| 3. How will you record the data from your trap? |

DATA TABLE

|  |  |  |  |
| --- | --- | --- | --- |
| Container  (Highlight Container Type) | Location  (Highlight Location) | Dates | # of Eggs |
| Black Cup  Dark Cup  Light Cup  Other (describe) | Full Sun  Full Shade  Partial Shade | Week 1: \_\_\_/\_\_\_/\_\_\_ - \_\_\_/\_\_\_/\_\_\_ |  |
| Week 2: \_\_\_/\_\_\_/\_\_\_ - \_\_\_/\_\_\_/\_\_\_ |  |

Reflections

**Now that you have completed this investigation, think about what you learned from your research and experiment. Answer the questions below.**

1. What are **vector-**borne diseases? Why is there a global effort to get rid of these diseases?

|  |
| --- |
|  |

1. What is the relationship between mosquito habitats and **vector-**borne diseases?

|  |
| --- |
|  |

1. How do the choices you make to address **vector-**borne diseases as an individual affect **public health**?

|  |
| --- |
|  |

1. How does reducing mosquito populations affect the environment?

|  |
| --- |
|  |

1. Should aerial sprays be used to control mosquitoes? Why or why not?

|  |
| --- |
|  |

1. Should all mosquito habitats be eliminated? Why or why not?

|  |
| --- |
|  |