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| **Name:** |  |

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

Think About It! Write your answers below:

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| 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? |

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| 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? |

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| 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

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| --- | --- | --- | --- |
| Container(Highlight Container Type) | Location(Highlight Location) | Dates | # of Eggs |
| Black CupDark CupLight CupOther (describe) | Full SunFull ShadePartial 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?

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

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

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1. How does reducing mosquito populations affect the environment?

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

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

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