






# Polio Eradication

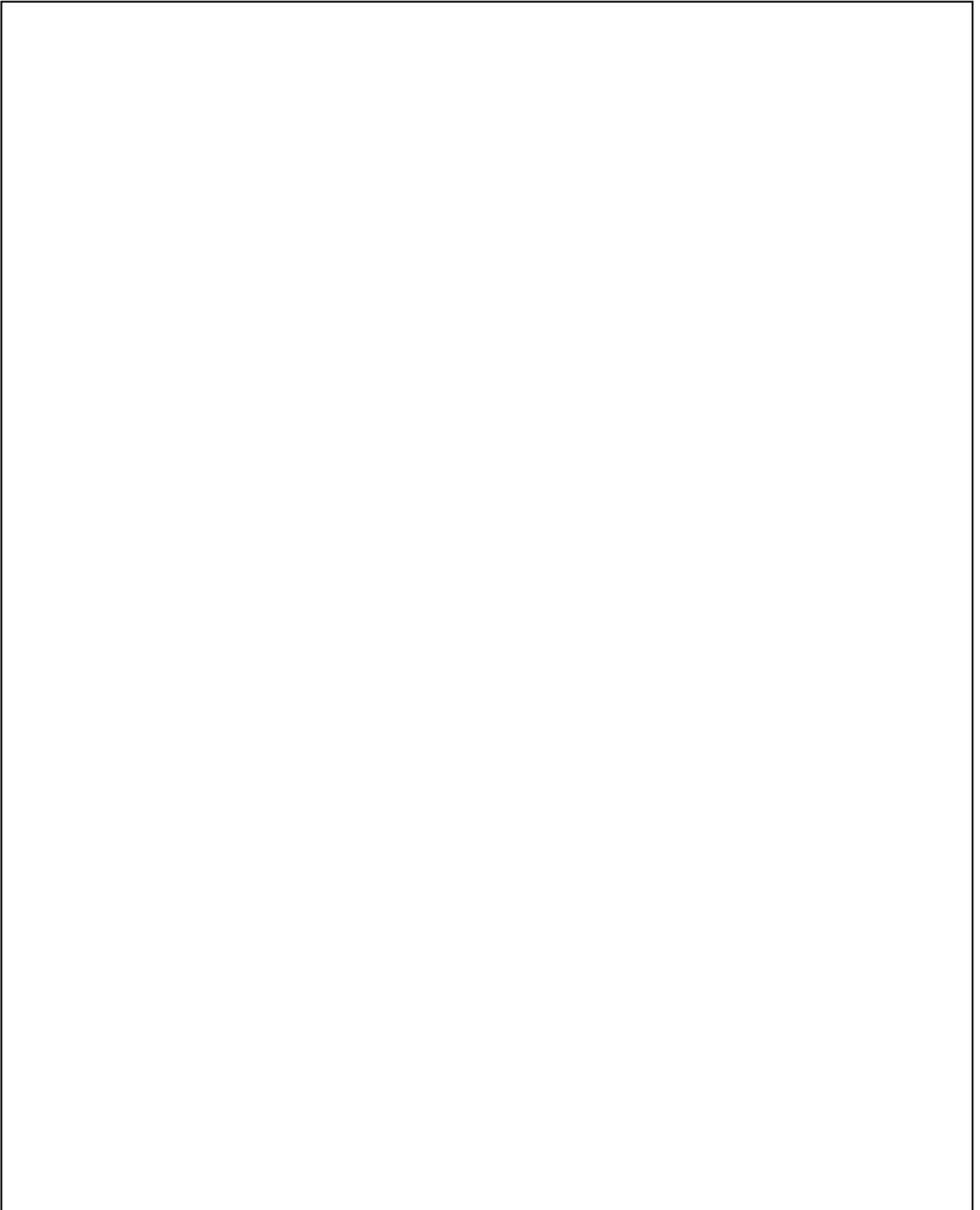
## Student Data Collection Sheet

**Think About It!** Write your answers below:

<p><b>Understanding Polio</b></p> 	<p>1. How does the poliovirus's choice of host make it an easy target for <b>eradication</b>?</p> <hr/> <p>2. What jobs and skills would be needed to stop a disease from spreading?</p> <hr/> <p>3. Polio mainly affects children. How does that affect the public's interest in stopping the spread of the poliovirus?</p>
<p><b>Polio and CDC</b></p> 	<p>1. Why might people be reluctant to be <b>vaccinated</b>?</p> <hr/> <p>2. How many years have passed since the disease was <b>endemic</b> in the U.S.?</p> <hr/> <p>3. How does <b>vaccination</b> help limit the spread of polio?</p>
<p><b>Call to Action</b></p> 	<p>1. What role does global politics play in public health?</p> <hr/> <p>2. Explain the important role communication plays in <b>vaccination</b> initiatives.</p> <hr/> <p>3. How can your efforts support the efforts of CDC and GPEI?</p>

## Design and Build the Vaccine Carrier: Vaccine Carrier Diagram

Draw a diagram of your design in the box below. Make sure to include materials and measurements.







## Reflections

Now that you have built a model and shared your findings, think about what you learned about polio. Answer the questions below.

1. What are some of the effects of polio on communities?

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2. What is the role of **vaccines** in **eradicating** diseases?

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3. The last **endemic** case of polio in the United States was recorded in 1979. Should the U.S. continue to **vaccinate** children against polio? Why or why not?

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4. What are some of the reasons that global health organizations continue to administer the oral polio **vaccine** (OPV) if there is a small chance of developing polio?

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5. Should money from the United States be used to support polio **eradication** efforts in other countries? Why or why not?

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6. Should international health organizations focus only on countries with polio outbreaks? Why or why not?

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