

PSA Project Builder

Group Members:

Our Microbe: [E. Coli](#) [Botulism](#) [Measles](#) [Giardia](#) [Valley Fever](#) [Ringworm](#)

Part A: Researching our Microbe

Directions: Use the table below to keep track of important information about your microbe, which you will use to develop your claim about eradication in your PSA. Have 1-2 group members work on researching information for each row, noting the sources for each piece of information. Then come together and share this information before moving on to Part B.

1. Biological Information		Sources: Page name, Organization, Link
Scientific classification:		
Ideal environmental conditions for microbe:		
2. Impacts on the Body System		Sources: Page name, Organization, Link
Body parts and systems that are impacted:		
Details on how the microbe impacts the body: Harmful? Helpful? Neutral?		

3. Public Health Information		Sources: Page name, Organization, Link
How the microbe spreads:		
Signs and symptoms:		
Treatment:		
How to prevent the spread of the microbe:		
4. Other Uses or Applications		Sources: Page name, Organization, Link
Other ways the microbe is used by humans: Research outside of the CDC website		
Other ways that the microbe may be helpful or neutral:		

Part B: Develop Your Argument about the Value of Eradication for Your Microbe

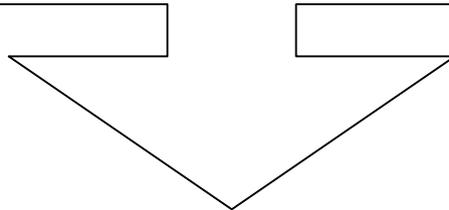
Directions: Use the information in Part A to rank the eradication importance of your microbe. Work with your group to reach consensus on your claim. Then complete the chart below to provide evidence and reasoning in support of your claim.

Importance Ranking for Eradicating Our Microbe:			
Critical	Important	Debatable	Unimportant

Write Your Ranking as a Claim:

Include 2-3 ways that the microbe impacts the systems/sub-systems of the body.

- 1.
- 2.
- 3.



Provide 5 Pieces of Supporting Evidence for Your Claim:

Your evidence should also demonstrate your understanding of how the body functions as a complex system, from cells to tissues to organs to systems.

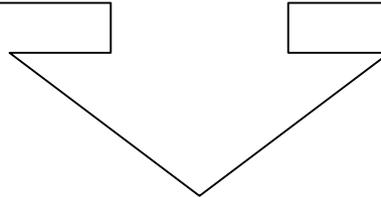
4.

5.

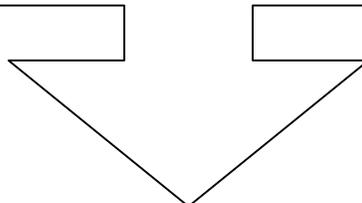
6.

7.

8.



Provide Reasoning to Connect Evidence to Your Claim:



Evaluate and Critique Your Evidence and Reasoning

Identify a strength and weakness for each piece of evidence:
Type of Source, validity and reliability relative to your claim, any alternative interpretations of the evidence

- 1.
- 2.
- 3.
- 4.
- 5.

Part C: Creating Your PSA

Directions: Use the tools below to collaborate with your group to decide on the key features and information you will include in your PSA.

Design Square:

