





Keeping Food Healthy

Student Data Collection Sheet

Think About It! Write your answers below:

Understanding Foodborne Diseases 	1. Are all bacteria harmful?
	2. What are two bacteria that can be found in the human intestines?
	3. Have you heard of any food items that were recalled?

Food Safety and CDC 	1. Why would an <i>E. coli</i> outbreak with broccoli in California be important to residents of other states across the country?
	2. What dangers could consumers experience if strict guidelines weren't in place for food handling?
	3. What safety protocols have you noticed when shopping for fresh produce in your local grocery store? Ask your family what they have noticed.

**Citizen
Science**



1. Why should raw meat be prepared separately from fruits and vegetables?

2. Why is cooking food to the proper temperature important?

3. What do you think is the best way to convince other people to follow Clean, Separate, Cook, and Chill?

**Data
Collection**



1. What cleansing solution did you select? Why?

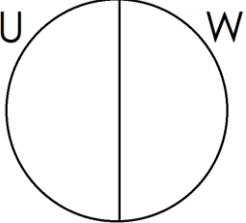
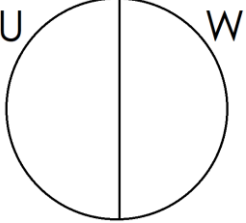
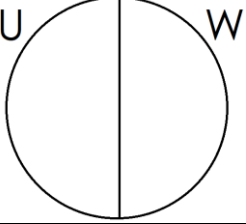
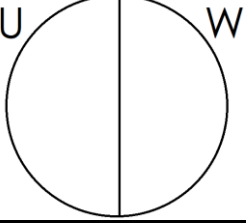
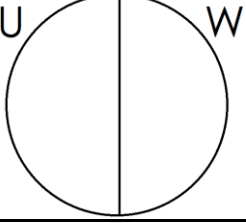
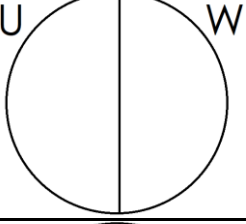
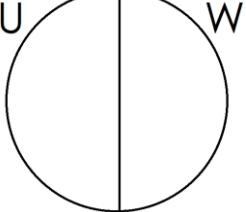
2. How could condensation affect the outcomes?

3. If your fruits and vegetables are carried home together in the same bag, does that change the risk of bacterial exposure?

DATA COLLECTION

Fruit / Vegetable Sample: _____

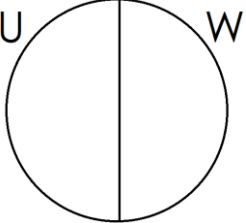
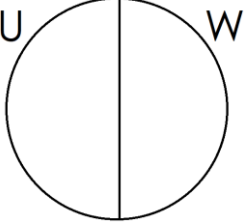
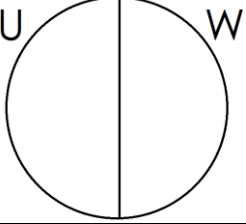
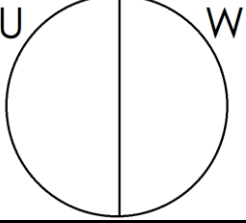
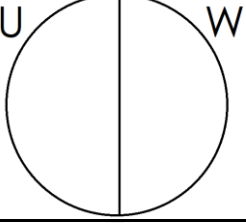
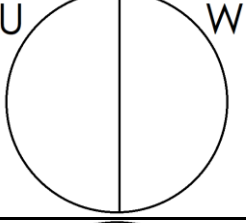
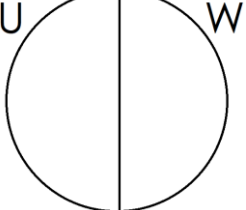
Describe Packaging: _____

Day	Unwashed Observations	Washed Observations	Draw Your Observations
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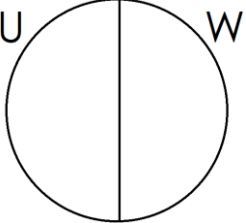
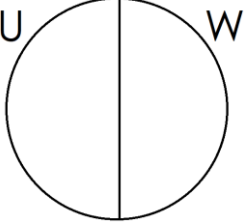
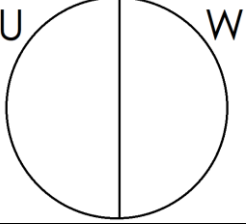
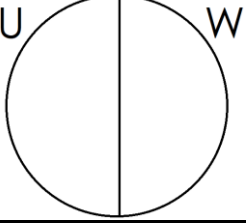
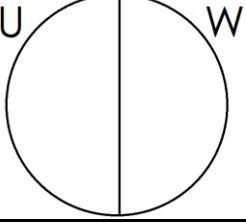
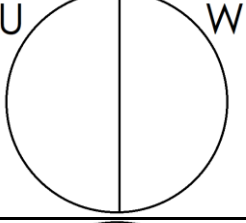
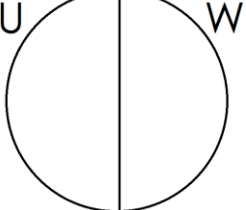
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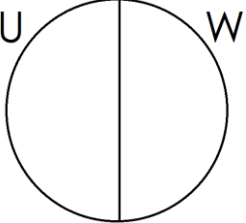
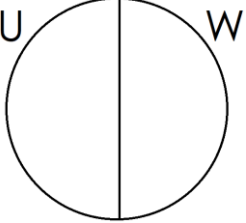
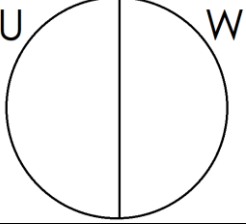
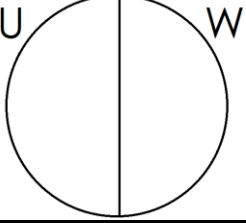
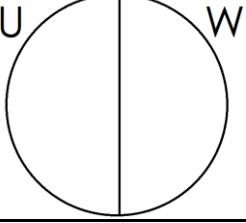
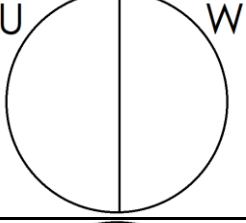
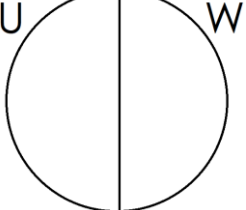
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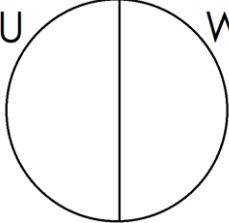
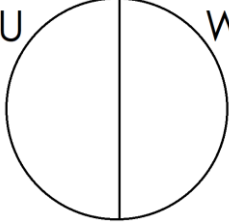
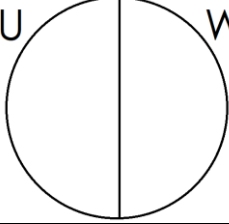
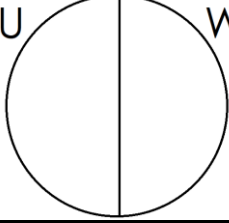
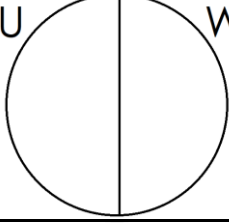
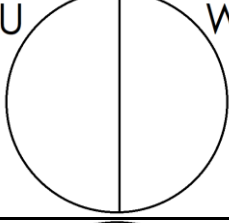
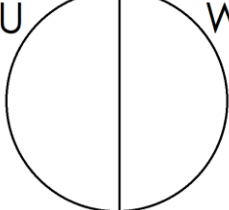
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Create a Public Service Announcement (PSA)

1. Consider your audience. Are you trying to inform your parents, teachers, friends? Name 1-2 groups your PSA will target.

2. What are 5-6 things that you think are important for your audience to know?

3. Grab your audience's attention with a short and catchy slogan. For example, the United States Forest Service coined the phrase, "Give a hoot. Don't Pollute!" Write ideas below:

4. Create a script. Try to keep it under 30 seconds, like the length of a commercial. Remember to be concise with your information.



Reflections

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

1. Does washing fruits & vegetables reduce the chances of getting sick from dangerous **bacteria**?

2. Tell three important facts about washing and storing food safely.

3. What are the signs of a **foodborne illness**? What should you do if you feel sick?

4. Were you able to make a link between **bacteria** growth and how the fruit was packaged? Explain.

5. Look inside your refrigerator. What are some ways your family is being safe? Name one change you could make to make your food safer.

6. What other food safety topics concern you? How can you research solutions for your concerns?
