

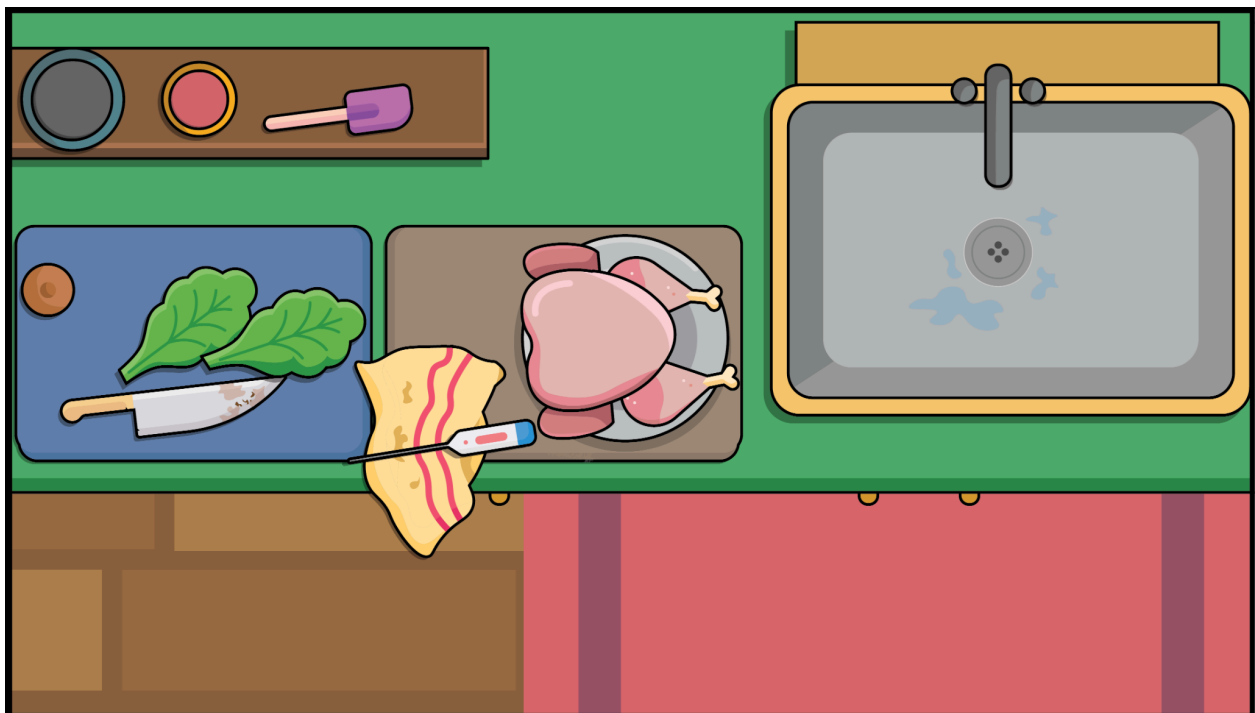
2.5 (B) – Birthday Outbreak Investigation

In this activity, your group will review the *2.5 (A) – Birthday Outbreak* video and explore the cause of the illness that affected Isabelle, Dakota and their friends. You will discuss the possible pathogens related to the symptoms, the potential ways the pathogens were spread and the body's natural defence systems. It's time to put your detective hats on!



In groups of three or four, work together to complete the following activities:

1. Watch the *2.5 (A) – Birthday Outbreak* video.
2. Complete the “Fill In the Steps” worksheet. Watch the video a second time to do this.
3. Complete the “Case Solved” worksheet questions.
4. Review the information your group gathered.
5. Share your findings.



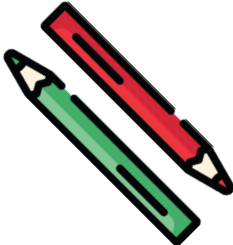
Fill In the Steps

Help Isabelle and Dakota figure out what practices were helpful or harmful as they prepared food for the birthday party. Fill in the shoeprints with the safe or unsafe practices your group noticed in the 2.5 (A) – *Birthday Outbreak* video.

Hint: There are 10 safe or unsafe food preparation practices!

It's up to your group to do the following:

1. Write or draw each step in the shoeprint.
2. Use green to colour in the shoeprints with safe food practices.
3. Use red to colour in the shoeprints with unsafe food practices.
4. Discuss what could have been done differently for the red shoeprints to prevent illness.

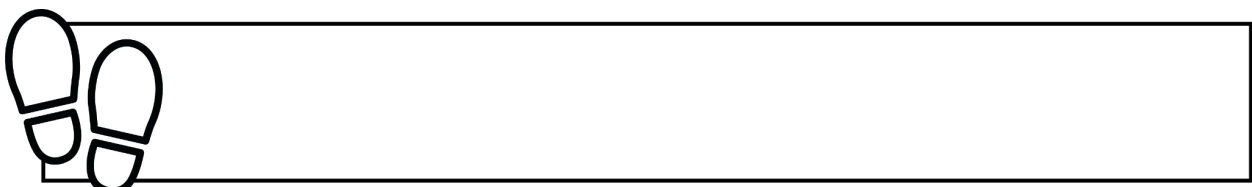
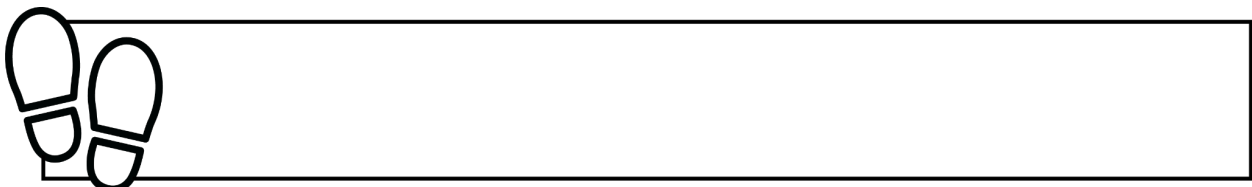
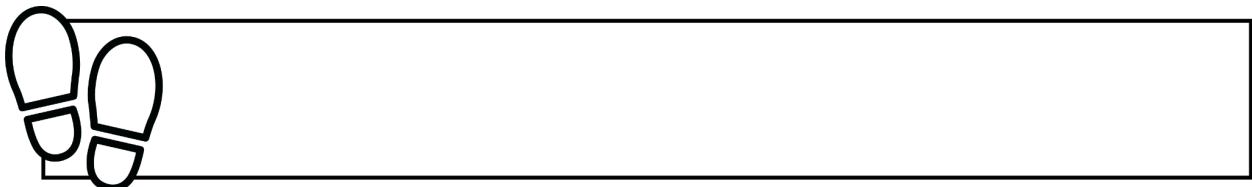
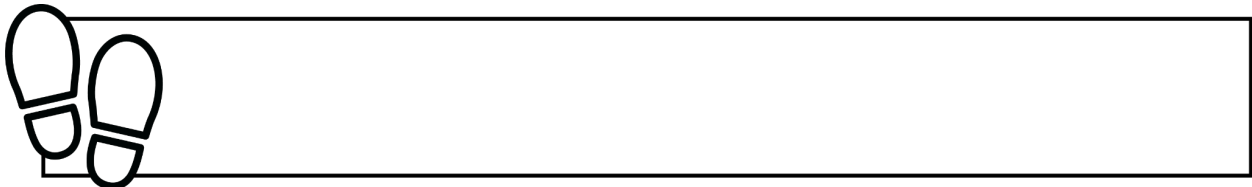
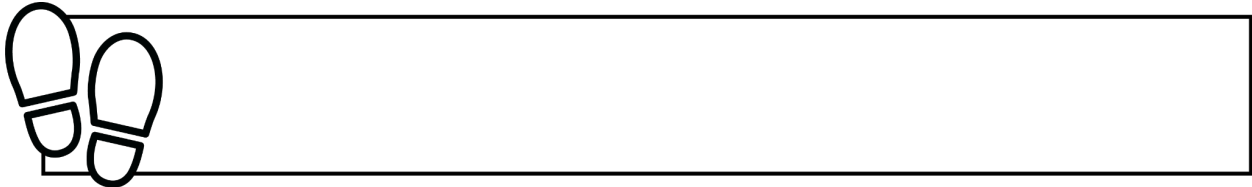
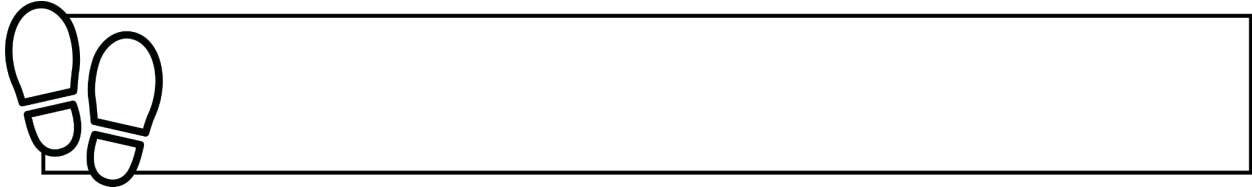


Start

Four horizontal rectangular boxes for writing. Each box starts with a pair of shoeprints on the left side, indicating where to begin writing.

Name: _____

Date: _____



Finish

Name: _____

Date: _____

Case Solved



1. What pathogen (e.g., *E. coli*, norovirus) do you think could have caused the illness that affected Ali, Beck, Isabelle and Dakota? Why?

2. Could Isabelle and Dakota have caused cross-contamination while they were preparing food? How?

3. How can cross-contamination lead to the growth and spread of harmful bacteria?

Name: _____

Date: _____

4. How could the pathogens have entered the bodies of Isabelle, Dakota and their friends?

5. What are some risks that come with drinking or eating foods prepared by others?

