

Mission Possible: The case of the Potluck Poisoning:

Student Booklet

Name: _____ Period: _____

To complete this assignment, you will need to open and view the PowerPoint called: Mission Possible. You will also need to use Microsoft Excel to complete assignments 2 and 3. Be sure to print those 2 assignments and staple them to the back of this worksheet.

Mission Possible: The Case of the Potluck Poisoning

ACTIVITY	Points Possible	Points Earned
Activity 1: Identify the 4 Contributors (Worksheet)	10	
Activity 2: Patient Record (Excel) *PRINT	10	
Activity 3: Epidemiologist Chart (Excel) *PRINT	10	
Activity 4: Classify Illnesses (Worksheet)	10	
Activity 5: Analyze the Information (Worksheet)	10	
Total:	50	

***Staple all of the worksheets and printouts together.**

Put a score for each activity on this sheet in the Points Earned category.

Add up the total score.

Turn in the entire packet.

Activity #1

Identify the 4 Contributors to the Potluck Dinner

Describe the people as you watch the presentation:

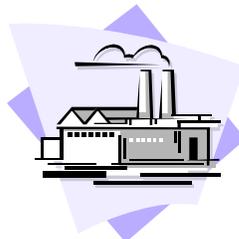
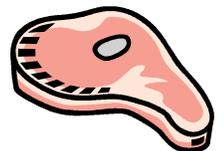
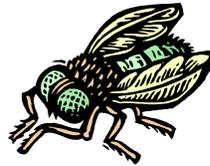
A. Molly 1. _____ 2. _____ 3. _____

B. Mike 1. _____ 2. _____ 3. _____

C. Abram 1. _____ 2. _____ 3. _____

D. John 1. _____ 2. _____ 3. _____

Match the people to the pictures that represent their part in this scenario by writing the LETTER of the person in the square to the left of the picture:



Activity #4 Classify Illnesses

Illness: Condition, Infection, or Poisoning	Cause: Virus, Bacteria, Metal/Mineral	Time for symptoms to occur: How long does it take to get sick?	Symptoms: What happens to the sick person?
Influenza			
Hepatitis A			
Salmonella			
Lead Poisoning			
Cadmium Poisoning			

Activity #5 Analyze the Information

As the Epidemiologist, answer the following questions to help identify what item made everyone sick and how did it make them sick.

1. Was anyone sick before the party? YES NO

What did he or she bring to the party? _____

2. Did the item in #1 make everybody sick? YES NO

Cross out the item that is eliminated as a FBI suspect.

3. Were the food samples contaminated? YES NO

Cross out the items that can be eliminated as FBI suspects.

4. Did the water make everyone sick? YES NO

Cross out the item that is eliminated as a FBI suspect.

5. What item did all of the sick people eat or drink? _____

6. Who was responsible for this item that made everyone sick? _____

7. Can the item in question #5 spoil? YES NO

Was the container recently repaired? YES NO

8. What type of container was used for the item in question # 5? _____

Circle the item below that we can investigate as the possible FBI.

9. How long did it take for the people to get sick? _____

10. Which illnesses occur within 30 minutes? _____

11. How could the item in #8 cause everyone to get sick? _____

12. What food-borne illness caused the potluck poisoning? _____

