

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## GHG Emissions for Food Production

**Purpose** To determine the amount of inputs and Greenhouse gas (GHG) emissions from today's lunch.

### Background Information

Everything that we consume and dispose of comes from the environment and ultimately ends up in the environment. The food in which we consume has emissions from the creation of farmlands, growing of food, harvesting of food, transporting of food and disposing of food. The same steps occur in the raising of cattle and livestock, the food we feed them has the same steps.

### Testable Question

The lunch from today emitted \_\_\_\_\_ of CO<sub>2</sub> eq.

### Direction

1. List out the items that went into today's lunch
2. Determine as a group the total amount/mass that went into today's lunch
3. Use the calculator to determine production and transportation emissions <https://www.foodemissions.com/Calculator>

List of Ingredients in Today's Lunch	Total mass (lbs)	Production (kg of CO <sub>2</sub> )	Transportation (kg of CO <sub>2</sub> )
Total Emissions			