

# STUDENT GUIDE

## ELABORATE 1 LESSON 12



### Part 1: Our Motivation

Record what we were trying to figure out that led to this investigation.



### Part 2: Develop an Initial Argument About Greenhouse Gas Emissions Across Sectors

Does dairy production emit more, similar, or less greenhouse gases compared to other industries? Share your initial argument in the space below.



### Part 3: Analyzing Data on the Greenhouse Gas Emissions by Industrial Sector

Analyze the Greenhouse Gas Emissions by Sector data and share what you notice about the quantity of emissions from the dairy industry and how they compare to those from other industries.

Data Source	Notes on Quantity of Emissions of Dairy vs Other Industries
Dairy Industry Emissions Data	
EPA Emissions Data by Sector	
Our World in Data Emissions by Sector	



### Part 4: Revising Initial Arguments Using Evidence

Use the new evidence you have gained to record a new argument that answers the question: “Does dairy production emit more, similar, or less greenhouse gases compared to other industries?” In your argument, be sure to include:

- A claim that answers the questions above.
- At least two pieces of evidence to support your claim.