



**The Stone Soup Leadership Institute's BETA Program  
Redwood High School CTE's Environmental Science & Tech Program**

**Anna Lappe, Real Food Media  
Sustainable Agriculture**

**1. Introductions/Synopsis**

**5 Minutes**

- Read Synopsis of the story
- Watch this video from Anna about her message on the contrasts of industrial and sustainable agriculture:  
<https://www.youtube.com/watch?v=7TRI7yccYQQ>

**2. Language Arts**

**10 minutes**

- Anna's story addresses to main issues with the food industry: the ethical and sustainable production of food and the connection between global warming and diet. Working in groups of 3-5, choose one of these issues, and create a presentation in which you explain the problem; some possible solutions; what is being done to deal with this issue; and how people can be part of the solution.

**3. STEM Activities**

**10 minutes**

- Students explore how crops are grown in industrial agriculture, and how those practices are impacting human health and ecosystems. What are some of the negative consequences of industrial crop production?
- In this lesson students will explore alternatives to the agricultural industrial model and consider what it means for agriculture to be "sustainable." They will examine agroecology as an approach to food production that nourishes, rather than depletes natural ecosystems and human communities. In this activity, split the classroom into two different sections: industrial agriculture and agroecology. Read the following statements in random order and have students walk to the side of the room that they think the statement applies to:

Industrial Agriculture	Agroecology
Relies heavily on the use of pesticides, synthetic fertilizers and fossil fuels	Looks to natural ecosystems as a guide
Uses a lot of heavy machinery	Integrates a diversity of crops and animals
Grows the same crops over a large area	Raises animals on a pasture
Specializes in producing a particular crop or animal	Rotates crops to help control pests
Uses genetic engineering to alter crop traits	Accounts for unique qualities of a growing region

**4. Sustainable Innovations & Sustainable Career Pathways**

**10 minutes**

- Sustainability Certificate: Sustainable Agriculture - [Santa Rosa Junior College](#)
- Career pathways
  - Food Policy Advocate - [Ways to Get Involved with Food Policy](#)
  - Nutritionist - [How to Become a Nutritionist?](#)
  - Sustainable Food Company - [Sustainable Food Companies that prioritize sustainability](#)

**5. Close: Evaluation/ Writing**

**5 minutes**

- What inspires you about Anna's story?

**Stone Soup Leadership Institute**

[www.stonesoupleadership.org](http://www.stonesoupleadership.org)

<https://sustainwdn.com/redwood-high-school-beta/>