Food Supply Chain

In the food supply chain, food moves from producer to consumer via the processes of production, processing, distribution, retailing and consumption; thus, food moves from farmer to consumer in a domino-like fashion. At the same time, money that consumers pay for food moves from consumers to producers in the reverse process, again in a domino-like fashion from consumer to retailer to distributor to processor to farmer. Thus, the two-sided causality that connects farmers and consumers is mediated by these two sets of domino casualties.

Food Supply Chain Disruptors:

Chain disruptors are variables that will cause a disruption in the supply chain such as conflict, drought, infrastructure failure, or labor problems etc. The video mentions disruptors from covid. There are numerous disruptors, but have students think and write down below different disruptors that can impact the supply chain.

<table>
<thead>
<tr>
<th>Farmer</th>
<th>Processor</th>
<th>Distributor</th>
<th>Retailer</th>
<th>Consumer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Use</td>
<td>Processing the Food</td>
<td>Moving the Food</td>
<td>Food Distribution</td>
<td>Consumes the final product</td>
</tr>
<tr>
<td>What are potential disruptors to farmers that could potentially hurt their agricultural production?</td>
<td>What are potential disruptors to food processors that could impact the production of food?</td>
<td>What are potential disruptors that could impact the movement of food from one point to another?</td>
<td>What are potential disruptors that could impact the distribution of food?</td>
<td>What are potential disruptors that could impact consumers obtaining food?</td>
</tr>
</tbody>
</table>

When thinking of examples of disruptors in the chain, label if the disruptor is an Economic, Social, Political or Environmental Disruptor

Discuss how the different disruptors would impact the other parts of the Food Supply Chain. It is important to think about how disruptors can impact from Farmer to Consumer or from
Student Worksheet Part I Food Supply Chain

Consumer to Farmer as well. Record what your group discusses and ready to report out to the class. Write down your ideas and explanations in the space below:

**Homework/Assignment:**
Answer the following questions
1. Explain how the food supply chain works going from Farmer to Consumer as well as to Consumer to Farmer.

2. Explain what might happen when steps in the supply chain are disrupted from the Farmer to the Consumer?

3. Explain what might happen when steps in the supply chain are disrupted from Consumer to Farmer?

4. What do you think might happen when steps in the supply chain are taken out? What are the consequences for consumers and producers?