**Overview**: Each student creates their own hypothetical farm. They must describe the region this farm will be in, the climate, crops, and demand of products in this region. They must describe the science behind their decision of location, focusing on properties of photosynthesis, soil fertility, and climate. They must then describe the breadth of travel in which their crop will go from their farm to where it is sold. They will describe how their item is priced and how it is marketed to be sold to the consumer.

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| **Key Concepts** | **1 (emerging)** | **2 (proficient)** | **3 (Advanced)** |
| Photosynthesis |  |  |  |
| Soil Science |  |  |  |
| Markets/Prices |  |  |  |
| Supply & Demand |  |  |  |
| Transportation of Food |  |  |  |
| Farming Resources |  |  |  |
|  |  |  |  |