

# My Family's Peach Farm: Economic Understandings Worksheet

## 4<sup>th</sup> Grade Answer Key

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

Read *My Family's Peach Farm* and answer the questions.

1. In the chart, write an example of each of the different productive resources that the Pearson Peach Farm uses.

Natural	Capital	Human
Water Land/soil Sun Peach trees	Wagons Pruning shears Baskets Tractors Drip tape Conveyer belt Packing shed Camera	Farm employees who prune, harvest, oversee irrigation. Packing employees who package the peaches.

2. Who were the original entrepreneurs of the Pearson Peach Farm and what opportunity costs do you think they had when they started the peach farm?



Moses Winlock and Cornelia Emory Pearson. The money from developing a different type of farm (trees, cotton, etc).

3. List examples of different technologies used on the Pearson Peach Farm.

Tractors, irrigation drip tape, tools (pruning shears), conveyer belt, camera to grade

4. How does technology help the farmer, and eventually help the consumer?

Technology makes the job easier and quicker for the farmer. This reduces the cost to the consumer because the farmer uses less time and money to produce his/her product.

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**Now it's your turn to create your own farm!**

You just bought land for a farm. Now you must decide what to grow! Use the following information to help you decide what to grow on your farm.

The temperatures are warm year-round, between 54 - 90 degrees Fahrenheit. The soil is sand, which does not hold water very well. It rains roughly 45 inches (average) for the whole year. To help compare, a rainforest may have 80-180 inches a year while a desert has 0-10 inches a year.

Crop	Need Help Growing?	Consumer Demand (need)
Cotton	Will need some watering (irrigation)	Very High
Pecans	Will not need extra help	Low
Pine trees	Will not need extra help, but wait 15 years before harvest	High
Peanuts	Will not need extra help	Medium

1. Which crop will you grow on your farm? Why did you choose this crop?

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2. What opportunity costs will you have with your decision?

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3. Provide two examples of how technology will help you on your farm.

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4. Now that you have an idea of the type of farm you want, draw a bird's eye view of your farm! (*Include crops, animals, equipment, buildings, etc. Be creative!*)