

Name: _____



STEM Challenge: Farming in the Future

One hundred years ago, farmers planted and harvested crops with simple tools. Today, farmers use large machines. Imagine how farming will change in the next 100 years.

Your Challenge: Pick one fruit, vegetable, or grain. How will it be grown 100 years from now? What tools, machines, and technology will farmers use? It will be helpful to research how it is grown today. Then brainstorm ideas for how it can be improved. Think about how the crop is planted, pruned, pollinated, harvested, cleaned, and transported.

Crop: _____

In the space below, describe how farmers might grow this crop in the future. Consider how technology can make work easier, faster, and safer while conserving resources too!