

MY LIFE ON THE FARM

Kyle Brown finds life on his Ohio farm very rewarding. Watch Episode 4 to answer the questions below.

What things does Kyle Brown love about his job? Why did he decide to come back to farming?

working outside, animal care, loves to be busy, driving the tractors

What are some of the things Kyle does everyday?

chores, feeding, checking on little ones and mothers, checking heat, giving out the list of jobs

What areas of work are required to make the whole operation complete?

accounting, keeping the books, managing, giving out the list of jobs, animal care, planting and growing corn, soybeans, and wheat

What are some of the challenges of his job?

9–10 hours a day, 365 days a year, work holidays and weekends, outdoor work no matter what the weather.

OHIO FARMERS NEED TO BUILD TEAMS

Team members who work on farms are often family members. Three of the team members who work at the *Maken Bacon Farms* are family members and three are not. If you were looking for a new employee to add to Kyle Brown's team, how would you promote the job? List the benefits. Write a job description. What background or interests does the new hire need? What attributes are you looking for? And finally, what can you offer? Use information from the video, interview a farmer and check out these websites for more information:

A closer look at the *Maken Bacon Farm*

<http://www.ohiopork.org/ShowVideo.aspx?channel=1&videoid=63>

Details about the nature of work, qualification for farm laborers
careers.stateuniversity.com/pages/10/Farm-Laborer.html

Join the team at Maken Bacon! Pork Producers looking for qualified and hard-working individuals for the following job:



MAKEN BACON FARM

Job Title _____

Location _____

Salary _____

Company or Farm description

Benefits:

Qualifications:

Job Description:

OHIO FARMERS ENJOY FINDING SOLUTIONS

Kyle Brown engineered solutions for heating and cooling in his barns to keep the mother and baby pigs comfortable.

What things does he mention in the video that he has done to make the temperature more comfortable for the pigs?

heat lamps in pen, heater in the winter, fans, cool cells, and baffled windows in the summer

How did his decisions that related to keeping the pigs comfortable show use of scientific knowledge?

understands air flow and temperature changes, animal health and welfare

ENGINEERING CHALLENGE

What are the principles of cooling used in the *Maken Bacon* barns? Brainstorm a variety of ways that a cooler temperature in the barn might be achieved. Build a model and do a classroom demonstration to show a cooling system similar to the one in the *Maken Bacon* barn. Come up with your own idea of how to cool the barn and build a model to demonstrate how it works.

Use these resources for information about pig comfort and heating and cooling systems:

- home.howstuffworks.com/heating-and-cooling-system-basics-ga.htm
- home.howstuffworks.com/heating-and-cooling-system-basics-ga1.htm