



Kansas State Fair

2018 Summer Ag Adventure Challenge

The Kansas State Fair wants to encourage students to learn more about Kansas agriculture. Farmers feed and clothe the world. Farmers today are raising more food with fewer resources. It is estimated that by 2050, we'll need to feed two billion more people. Understanding how and where your food comes from is important. The Fair wants to help students connect with the people who grow their food.

Agriculture is an important piece of our past and a critical part of our future. According to the Kansas Department of Agriculture, there are more than 60,000 farms in Kansas which generate more than \$18.5 billion in Agriculture output. On average, Kansas is the largest wheat producing state, producing 333,600,000 bushels of wheat in 2017. Nearly one-fifth of all wheat grown in the United States is grown in Kansas. Additionally, one 60-pound bushel of wheat provides about 42 pounds of white flour, enough for about 70, one pound loaves of white bread.

There are 12 agriculture adventure stops listed on the back. You choose **6** of these stops to visit between May 1 and August 15, 2018. You can mail, email or bring your completed adventure sheet to the Kansas State Fair. All adventure sheets turned in by August 15 will receive a KSF Agriculture Fun Pack. Your name will also be put into a drawing for a free Kids Club ticket package to attend the 2018 Kansas State Fair.

This Ag Adventure Challenge belongs to:

Name: _____

School: _____ 2018/2019 Grade: _____

Street Address: _____

City & Zip Code: _____

Email or Phone: _____

Kansas' Largest Classroom
2000 N Poplar
Hutchinson KS 67502
620-669-3607
www.kansasstatefair.com
September 7-16, 2018

1: Visit a local coop or livestock feed store.

What is one thing you were surprised to see sold at a coop/feed store? _____

What types of feed/hay can you buy to feed cattle? _____

2: Speak with an FFA advisor or a 4-H extension agent.

What is FFA and/or 4-H? _____

What is the importance of these programs? _____

3: Visit a local meat store or visit with the butcher at your local grocery store. Have a conversation with the butcher about his/her job.

What is something you were surprised to learn? _____

What is marbling? _____

4: Visit a farmer's market and look around for a fruit or vegetable you have never tried before.

What is the fruit/vegetable that you found to try? _____

Did you like it? What did it taste like? _____

5: Find a crop field growing in your county. Can you identify the crop growing?

What is a product this crop makes (bread, cattle feed, etc.)? _____

6: Visit a nature center or a pollinator garden.

What is a pollinator? _____

Why are pollinators important to us? _____

7: Attend a county fair. Look at the agriculture exhibits and visit with the volunteers working in that area.

Have you ever visited a county fair before? _____

What did you learn from your visit to the county fair? _____

8: Visit a dairy farm or a beef cow/calf operation. If you don't have a local farm to visit, a virtual tour will work too.

How much water does a dairy cow drink in a day? _____

Why is good nutrition so important for cattle? _____

What is unique about the digestion system of cattle? _____

9: Visit an agriculture equipment dealership.

What is the largest piece of equipment they have and what does it do? _____

What is the smallest piece of equipment they have and what does it do? _____

10: Visit a feedlot or sale barn.

What is the purpose of a feedlot or sale barn? _____

11: Visit with a veterinarian who specializes in large animals (cattle, horses, sheep, pigs, etc.)

How is treating livestock animals different than treating a household pet? _____

Do farmers bring their livestock to the vet or does the vet go to the farm? _____

12: Visit with a local bee keeper.

What does a bee keeper do? _____

What tools and equipment do you need to be a bee keeper? _____