

Agriculture Activities – Aged 6 to 12



Literacy Activity:

On a piece of paper write, “On 100 acres, I would...” and continue that sentence by explaining what you would do with 100 acres if you were a farmer. An acre is about the size of one football field, without the end zones. Think about what farmers currently do with 100 acres. For example, on one acre a farmer can plant 11,600 pounds of sweet corn. Write a full paragraph using key words and draw your 100 acres in the space below on your piece of paper. Add colour and explain the different sections.

Creative Activity:

Imagine you are living in 2120, 100 years in the future. Come up with an invention using some advanced technology that would be used on a farm 100 years from now. You must think about being sustainable and how the farming industry can meet the needs of the world’s population. Discuss your invention with someone in your house hold and explain how and why farmers might use it.

Make predictions about what it will be like to farm 100 years from now. What are the potential similarities between farming today and farming 100 years from now? What are the potential differences? Record these predictions on a large sheet of paper.

List O-mania:

You have a target of 100. Come up with as many agriculture related words as possible. Compete against someone in your house hold to see who wins.

Add a time limit to add to the challenge of this activity. **Helpful tip:** Use the alphabet to get you started.

Maths Problem:

You are a dairy farmer and you have 48 dairy cows. Twice a day (morning and night) you must milk each cow. At each milking, each cow gives 2 1/2 gallons of milk. How many gallons of milk will you have at the end of one day?

You own a chicken farm. You have 400 hens. Each hen lays 2 eggs a day. How many eggs will you have in 14 days?

Food Technology Activity:

Ice cream is a favourite treat in hot weather. This task is based on ‘From Cow to Ice Cream’. Think about what you already know about ice cream production. Now research the step by step process of how to make ice cream and create a story board explaining each step. Use key words they would use in the industry and try to add some interesting facts throughout the story board.

Next, research facts about this tasty treat to promote sales of ice cream so that the farmers have a demand for their milk and write a different fact on a coloured paper plate. The challenge is to make a 10 scoop ice cream cone. Staple paper plates together to make a giant ice cream cone. Use brown construction paper to make an ice cream cone. Staple the cone to the ice cream scoops and put it on.

Career Activity:

Explore different agriculture related careers by researching different job roles in the industry. For example, farm mechanic, herds person, farm manager etc.

Next, select a career that you might be interested in and research more information about what the career involves on a day to day basis. Present your findings to someone in your household or write about what you have learnt about your chosen job role. Think about what path (qualifications) you need to become that role. For example, do you need A-Levels/Diploma or a degree?

Research Task:

A century lasts 100 years. A decade is 10 years. Using the internet or books, find one fact about each decade of the 20th Century that relates to agriculture. Then construct a timeline on a poster board or recycled cereal box. Add drawings to explain the fact further.

Food Technology:

Divide a large piece of paper into five columns. Label the columns with the following headings; soybeans, corn, cattle, pigs, and specialty crops. **Specialty** crops are fruits and tree nuts, vegetables, herbs and spices, nursery, floriculture, and horticulture crops. They are the commodities that are not considered staple foods. **California** produces more than 400 different commodities, many of which are **specialty** crops.

The challenge is to list 20 foods or items for each column.

Family Game:

Brainstorm a list of Agriculture-themed pictorial clues. Possible prompts for this list could include: farm animals, objects found on a farm, agricultural careers, and common farm phrases. Write all the clues on paper and fold them up. Then, divide your household into teams of 2 or more. Have each team create their own Ag-themed team name. The teams then take turns selecting a clue, having someone draw, and guess the drawn item. You have 100 seconds to draw your clue. If a team cannot guess the drawn item, other teams can "steal" their turn by raising their hand and providing a guess. Each correct response earns a team one point.

The team with the highest amount of points wins!

What is Pictionary? A guessing game in which players attempt to identify words from pictures drawn by other players.

Art Activity:

Create a display of what you have learnt completing the activities on this sheet. Your display could be a collage, 3D model or poster. Think about what variety of art materials you have at home: crayons, markers, glue, poster board, coloured paper, small cardboard boxes etc. In the display, write a brief summary highlighting all the key points you have learnt about agriculture.

Helpful tip: Draw a plan first of the layout and content of the display then write down the agricultural information so that you know what you are doing before creating the display.