



COLLIN COUNTY FARM MUSEUM

EDUCATION CATALOG

The Collin County Farm Museum Catalog is a comprehensive guide to the variety of programs offered.

There are fieldtrips, outreach, workshops, and events for everyone.

Families **BOY SCOUTS**
School Groups
Senior Groups
Individuals **Youths**
CLUBS **Adults**
Etc...

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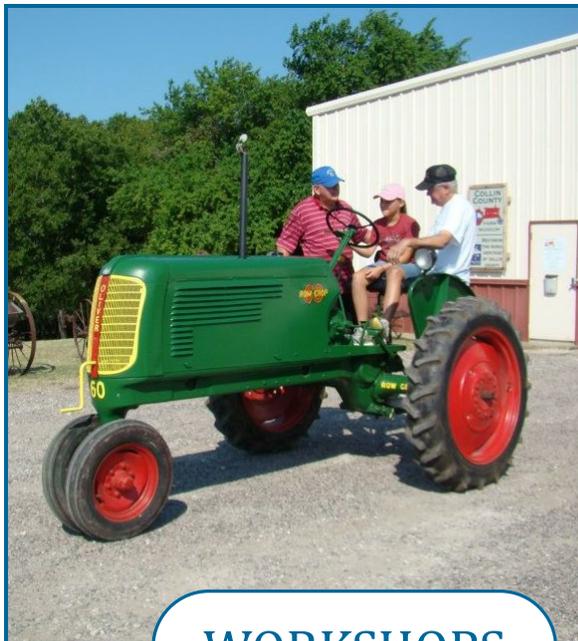
FIELD TRIPS

The Collin County Farm Museum host a variety of field trips for all ages. Different programs are designed to accommodate a minimum and maximum number of participants. PAGE 3-5



OUTREACH

Special presentations and exhibits based on a variety of topics are available to teachers, parents and public organizations. PAGE 6-16



WORKSHOPS

Workshops range from family inclusive craft days to adult only classes. PAGE 17-24



EVENTS

Throughout the Fall and Spring, the Collin County Farm Museum host a selection of unique events. PAGE 25

FIELD TRIPS

Tours and activities can be combined & rotated through.



1ST ROTATION: MUSEUM TOUR

Attendance Minimum: 10 people

Attendance Maximum: 30 people

Program Length: 30 min. - 60 min.

Program Details:

- ◇ “Revolution of Harvest” Exhibit - focusing on wheat industry
- ◇ “Tractor Row” Exhibit - basic mechanics & safety of tractors
- ◇ “Restoration” Exhibit - the importance of preserving history

‘Cause it’s FUN!

- * Crank the Grain Cleaner!
- * Get on a Tractor!
- * Honk the 1911 Model T!



2ND ROTATION: GARDEN TOUR

Attendance Minimum: 10 people

Attendance Maximum: 30 people

Program Length: 30 min.

Program Details:

- ◇ Earth Kind Principals in the Perennial and Annual Garden
- ◇ Water Conservation explained and Rain Water Harvesting
- ◇ The purpose and planning of research gardens

‘Cause it’s FUN!

- * Spot the butterflies and tarantulas!
- * Favorite colors and favorite flowers!
- * Just being outside!

Have Lunch at the Pole Barn!

Covered facility with multiple bathrooms. Seating for maximum of 150 people. Room to run and play.



Field Trips

Continued...



3RD ROTATION: ACTIVITY

Attendance Minimum: 10 people

Attendance Maximum: 30 people

Program Length: 30 min.

Activity Details:

- ◇ Additional activities are supplied upon special request of teachers, instructors, scout leaders, etc...
- ◇ These activities consist of each individual or class making their own object to take with them.

Examples of Activities:

- * Feed Sack Fashion, The History of ReUse
- * Worm Farms, The Split Harvest
- * A Winnowing, The Wheat Basket
- * The Windmill Blows, Wind Power
- * Crops in Pots, Classroom Farming

* Tour programs are adjusted to accommodate groups between 10 to 150 people. Larger groups are broken into smaller groups and rotated through various stations.

* Tours are also adjustable regarding their program length.



SCHEDULING INFORMATION

Contact: Jennifer Rogers, Coordinator

Phone: 972-548-4792

Email: ccfm@collincountytx.gov

Group Rate:

\$1.00 per student, teacher, chaperon

\$2.00 per parent

*Pay upon arrival: cash, check, credit card



100+ PEOPLE

A Collaborative Program

Myers Park & Event Center, Collin County Farm Museum, Cathy's Critters, and Fun on the Farm



The **Schoolhouse Farm & Friends** is hosted in the Show Barn at Myers Park and Event Center. The facility provides multiple bathrooms, water fountains and space for lunch.

SCHOOLHOUSE FARM & FRIENDS

Attendance Minimum: 100 people

Attendance Maximum: 300 people

Program Length: 120 min.

Program Details:

Rotate through 4 stations

1. See and pet the FARM ANIMALS
2. Watch a spinning demonstration as you learn more about cotton and wool FIBERS
3. WORKING DOGS are great to watch as they demonstrate obedience and agility
4. FARM FOODS do not come from the grocery store, rather they are grown and harvested

Days Available:

Tuesday, Wednesday, Thursday

Time: 9:00 am to 11:00 am

Cost:

- \$8.00 per student
- \$2.00 per teacher/chaperon
- \$6.00 per parent



Schedule Information:

Jennifer Rogers, Museum Coordinator

972-548-4792

ccfm@collincountytx.gov



OUTREACH

Traveling Exhibits, Presentations & History Packs



TRAVELING EXHIBIT

Rental: *\$300.00

**Scholarships available upon approval of application.*

Program Details:

- ◆ Exhibits for outdoors
- ◆ Exhibits for lobbies and office entrances
- ◆ Exhibits for wall cases

Questions or Schedule Information:

Jennifer Rogers, Museum Coordinator
972-548-4792
ccfm@collincountytx.gov

PRESENTATIONS

Attendance Minimum: 10 people

Program Details:

- ◇ Option 1: 15 - 30 min. or 30+ audience
 - ◆ Show & Tell Style
 - ◆ Works well for large audience or for quick program turn around
 - ◆ FREE
- ◇ Option 2: 45 - 60 min
 - ◆ Preferred group size 10 - 30 people. Groups are rotated through to keep presentation audience small.
 - ◆ Includes materials for History Pack "Activity" and "Treat"
 - ◆ \$1.00 per student
- ◇ Tailored by request to focus on specific educational requirements

Schedule:

Jennifer Rogers, Museum Coordinator
972-548-4792
ccfm@collincountytx.gov

History Packs

History Packs are a combination of teaching aids and presentation topics. Each pack is focused on a farm related topic. A **brief example** of the packs' contents are provided in the following list.

Teachers or Organizational Leaders can reserve up to 2 packs a week.

Cost:

Free with No Presentation

\$20.00 per day with Presentation which includes materials for an "Activity" and "Treat"

Reservation:

Jennifer Rogers,
Museum Coordinator
972-548-4792
ccfm@collincountytx.gov



The supplies for the "Activity" & "Treat" are only provided when you reserve a PRESENTATION.

SUNFLOWER FARM

Reading: Sunflower Farmer by Jessica Gunderson
Math: Seed Spirals
Science: Anatomy of a Seed
Social Studies: First Crop (Before Corn)
Activity: Sunflower Bird Feeder
Treat: Sunflower Cracker



PUMPKIN PATCH

Reading: How Many Seeds in a Pumpkin? by Margaret McNamara
Math: Seed Harvesting
Science: Weight and Mass
Social Studies: 3 Sisters Crop
Activity: Gourd Birdhouse
Treat: Roasted Pumpkin Seeds



TURKEY RUN

Reading: Run, Turkey, Run! by Diane Mayr
Math: Birds of a Feather
Science: Avian Flight
Social Studies: Thanksgiving
Activity: Table Setting or Feather Craft
Treat: Candy Corn



The supplies for the “Activity” & “Treat” are only provided when you reserve a PRESENTATION

CHRISTMAS FARM

Reading: Christmas Tree Farm
by Ann Purmell
Math: Fir Sizes
Science: Perfect Christmas Tree
Social Studies: Ornaments
Activity: Tree Ornaments
Treat: Gumdrops

SAY, CHEESE!

Reading: The Cheese by Margie Palatini
Math: Wheel of Cheese
Science: Milk to Cheese
Social Studies: Goods, Services, Transportation
Activity: Stinky Cheese
Treat: Cheese & Grapes



SUGAR FARM

Reading: Sugaring by Jessie Hass
Math: Sugar Squares
Science: Sap, Syrup, Sugar (Heat)
Social Studies: Geography
Activity: Grading syrup
Treat: Maple Cookies



ORGANIC FARM

Reading: Molly's Organic Farm
by Carol Malnor
Math: Measuring Plants
Science: Growing Seasons
Social Studies: Community Farms
Activity: Garden design
Treat: Salad

EASTER EGG FARM

Reading: The Easter Egg Farm
by Mary Jane Auch
Math: Dozens & Dozens
Science: Egg Drop
Social Studies: Chicken Commerce
Activity: Egg, Chick & Hen Design
Treat: Chocolate Egg

WORM FARM

Reading: Winnie Finn, Worm Farmer
by Ard Hoyt & Carol Brendler
Math: Tangled Ball of Worms
Science: Worm Wiggling
Social Studies: Worm History
Activity: See Worms
Treat: Gummy Worms



CLASSROOM REWARDS

History Packs & Reward Program



HISTORY PACKS CLASSROOM REWARD PROGRAM

This program encourages youth to utilize the knowledge and skills they learn to produce creative results. By exploring the history packs and their various topics, students learn a broad spectrum of information from books, hands-on activities, and social learning.

It is fascinating to witness the creative results of their comprehension and the reward program recognizes their uniqueness.



REWARD GUIDELINES

Please follow the guidelines below.

Below are the guidelines for the History Pack Classroom Rewards program. The Collin County Farm Museum is seeking creative submissions for four different publications. The reward for selected objects will be featured in one of the following publications~

- Reward A: 2015 Collin County Classroom Birdfeeders
- Reward B: Cover of Winter 2015 “Bucolica” History Magazine, feature article
- Reward C: 2015 Collin County Summer Ice Cream-in-a-Jar Recipe Book
- Reward D: Cover of Summer 2015 “Bucolica” History Magazine, feature article



Step 1: Reserve a “History Pack” & Presentation

- Activity A: Sunflower Farm Pack or Pumpkin Patch Pack
- Activity B: Turkey Run Pack or Christmas Farm Pack
- Activity C: Say, Cheese! Pack or Sugar Farm Pack
- Activity D: Organic Farm Pack or Worm Farm Pack

Step 2: Complete the Activity in the Pack

- Activity A: Make a peanut butter birdfeeder or container birdfeeder
- Activity B: Create a table top design
- Activity C: Create an Ice Cream-in-a-Jar Recipe
- Activity D: Make a classroom micro farm

Step 3: Submit the Activity to CC Farm Museum

- 1) Contact Jennifer at ccfm@collincountytx.gov with “Activity X Submission” in subject
- 2) Make arrangements for Activities to be reviewed

Step 4: Submit Activity before Deadline

Activities are returned within two weeks of submittal.

Activity A: Thursday, October 16, 2014 - 4:00 pm

Activity B: Thursday, January 8, 2015 - 4:00 pm

Activity C: Thursday, March 6, 2015 - 4:00 pm

Activity D: Thursday, May 14, 2015 - 4:00 pm

Step 5: Announcements

Submitters are informed via email which Activities were chosen for publication.

Activity A: Thursday, October 30, 2014 - 4:00 pm

Activity B: Thursday, January 15, 2015 - 4:00 pm

Activity C: Thursday, March 26, 2015 - 4:00 pm

Activity D: Thursday, May 28, 2015 - 4:00 pm

Step 6: Rewards

All submitters will receive a copy of publication.

Activity A: Thursday, December 18, 2014 - classroom delivery

Activity B: Thursday, February 19, 2015 - classroom delivery

Activity C: Thursday, May 7, 2015 - classroom delivery

Activity D: Thursday, August 20, 2015 - mailed

Follow the individual Activity Directions provided:

Activity A . . . page 24

Activity B . . . page 25

Activity C . . . page 26

Activity D . . . page 27



ACTIVITY A - DIRECTIONS

2015 Collin County Classroom Birdfeeder Calendar

A birdfeeder is a tool for supplying birds with food, mostly seeds including sunflower seeds. As more and more wild land is being turned in to building lots for homes and businesses, birds are leaving these areas because there is not enough food. Birdfeeders are a great way to provide food for birds that may not be able to get by themselves.

From this activity, your students will learn about the importance of seeds while making either a Peanut Butter or Container Birdfeeder.. Use the activity sheets provided in the *Sunflower Farm Pack* or *Pumpkin Patch Pack* to submit student or classroom designs.

Peanut Butter Birdfeeder

Supplies: Peanut Butter, Biodegradable form, string, scissors, birdseed

Task: Create a bird feeder. 1) attach the string to the form; 2) smear peanut butter over the form, 3) roll the peanut butter smeared form in the birdseed and coat evenly

**See instructions and examples in Sunflower Farm Pack or Pumpkin Patch Pack.*

Container Birdfeeder

Supplies: Plastic or biodegradable container, screen, string, sticks or straws, scissors, birdseed

Task: Create a bird feeder. 1) cut holes in the container, 2) Poke holes in the bottom for water to drain, 3) cover drain holes with a screen, 4) attach the string to the container; 5) insert straws or sticks to provide a perch, 6) pour birdseed in the container

**See instructions examples in Sunflower Farm Pack or Pumpkin Patch Pack.*

ACTIVITY B - DIRECTIONS

Cover of 2015 Winter “Bucolica” History Magazine

The holidays are the most popular time for unique table settings and table top designs. The art of table setting has been around since the Middle Ages (1500 A.D). Where people sat and how the plates, utensils and napkins were laid out on the table determined the social status between the Master of the house, his family and visitors. Table top decorating became more complicated in the Victorian Era (1830 to 1900 AD) with greater number of utensils and rules for eating, like “Don’t throw your bones under the table,” “Don’t blow on the soup for your breath may be foul.”

Today’s table top designs pay more attention to themes rather than the social rules of seating and place setting. A **theme** is something that connects all the parts of a design together. Table top themes are often colors, symbols or specific objects.

** Have your students identify the table top themes provided in the Turkey Run Pack or the Christmas Farm Pack.*

From this activity, your students will learn about a historical tradition while creating their table tops. Use the activity sheets provided in the *Turkey Run Pack* or *Christmas Farm Pack* to submit student or classroom designs.



If you wish, your class can design one or several table top designs together as a class rather than individually.

ACTIVITY C - DIRECTIONS

2015 Collin County Summer Ice Cream-in-a-Jar Recipe Book

Ice Cream has been around since the Middle Ages (1500s), however, it was a treat that only royal Kings and Queens ate. It was almost 150 years later before common citizens tasted the cold treat and became a popular summer time dessert. Historical records show that President George Washington spent approximately \$200 for ice cream during the summer of 1790. He loved ice cream so much he even owned “two pewter ice cream pots.” President Thomas Jefferson was said to have a favorite 18-step recipe for his own personal ice cream flavor (one that resembles our modern-day Baked Alaska). With very little effort, you can take a basic ice cream recipe using milk, sugar and flavor. Changing the flavor is a simple way of personalizing the recipe.

From this activity, students will learn about dairy and sugar farming while making their own small individualized recipes. For students, we recommend using the 2 Ziploc bag method. Use the activity sheets in the *Say, Cheese! Pack* or *Sugar Farm Pack* to submit your recipes.

Vanilla Ice Cream-in-a-Jar

Supplies: 1 c. Milk, 2 tbsp. Sugar, 1/2 tsp. Vanilla, 2 c. Ice, 1/4 c. Rock Salt, Measuring Cups and Spoons, 1 qt. Ziploc bag, 1 gal. Ziploc bag

Task: Mix milk, sugar, vanilla into quart Ziploc bag, seal and shake

Mix ice and rock salt in gallon Ziploc bag with quart bag

Shake for 5 minutes. (Have students toss back and forth or get up and dance)

Fill out activity sheet in History Pack



ACTIVITY D - DIRECTIONS

Cover of 2015 Summer “Bucolica” History Magazine

Micro Farming is a new word for an old idea. A Micro Farm is a farm in which you are able to harvest animals, crops or compost on less than 4 acres. Some micro farms are so small they fit in aquariums, plant pots and Rubbermaid containers.

From this activity, your students will learn about the importance of harvest while making a Worm Bin or Crops in Pots. Literature in the *Worm Farm Pack* and *Organic Farm Pack* will have other examples of micro farms to create. Use activity sheets in packs to assist with tasks.

Worm Farm

Supplies: Rubbermaid container, drill, 1/4 in drill bit, 1/8 in drill bit, screen, worm food, dirt, Red Wigglers

Task: Construct worm bin following directions in Worm Farm Pack
Name the Farm and attach to the Worm Bin

**See examples in Worm Farm Pack.*



Micro Farm

Supplies: Pots, Companion seedlings or seeds (season appropriate), potting soil, plant food

Task: Create a garden plan
Assemble pots with plants or seeds

**See examples in Organic Farm Pack.*

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