



# Mountrail County 4-H Educational Trunks

Educational trunks are provided by the Mountrail County 4-H & Extension Office.

Educational trunks are a great resources for Extension professionals, clubs, volunteer leaders, and 4-H members to use to support hands-on project learning. They include experiential activities, directions and most materials to conduct an educational lesson.

## Educational Trunks

- 4-H clubs and members must contact the Mountrail County NDSU Extension/4-H office to reserve a trunk.
- Provide the title of the trunk and the dates you will need the trunk, keep in mind you will want time to review the trunk and gather supplies not included prior to leading an educational lesson.
- Trunks may be checked out for up to 30 days.
- Borrower and NDSU Extension professionals are responsible for completing an inventory of trunk materials before and after the trunks are used.

## Rules for the 4-H Educational Trunks

Managing these trunks without your help would not be possible. These expectations must be met for clubs & members to use 4-H trunks:

- Return the inventory and reporting forms with the trunk. If these forms are not returned with the trunk and items are missing, borrower may be charged for missing items.
- Borrower will be restricted from reserving future/additional trunks until the bill has been paid.
- To prevent from being charged for a missing item, conduct an inventory of the trunk when you receive it and before you return it. If an item is missing, notify the NDSU Ext./4-H office immediately.

## Trunk Supplies

- Review the trunk inventory sheet to determine items that need replenished if used or purchased for projects.
- Please indicate if items are low or depleted on the inventory sheet so that they can be replaced.

## Questions or interested in Checking Out a Trunk?

Contact the Mountrail County NDSU Extension/4-H Office.

### Contact Info:

Lynnette Vachal - Extension Agent  
ndsu.mountrail.extension@ndsu.edu  
701-628-2835 Ext. 1  
8103 61st St NW, Stanley

## Trunk Quick View:

- Animal Feeds
- Animal Tracks
- Beading
- Breakout Edu
- Citizenship/Flag Folding
- Cricut & Heat Press
- Engineering & Design
- Grain Cleaning
- Griddle
- Leathercrafting
- Lego WeDo & Mindstorm
- Ozobots
- Plant/Range Judging
- Bottle Rocket
- Bottle Tornado
- Rabbit Lab Kit
- Scrapbooking
- Seed ID
- Sewing
- Soldering/Burning Tools
- Tree Identification
- Woodburning
- Wood Identification

## Animal Feeds Trunk:

**Includes:** 23 feed samples, animal feed match game, & answer key



## Animal Tracks Trunk:

**Includes:** Over 20 species! Track & scat molds, info. cards & hands-on activities

**Need to Supply:** Casting materials, water, & gloves



## Beading Trunk:

**Includes:** Massive supply of beads!

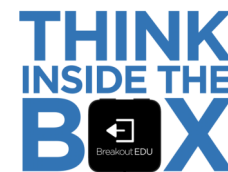
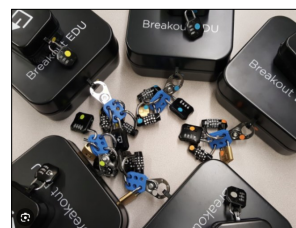
**Need to Supply:** All other supplies. This is a limited time trunk and supplies will not be replenished!



## Breakout Edu Trunk:

**Includes:** 5 Breakout Edu Boxes, locks, & codes

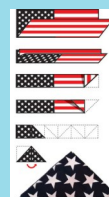
**Need to Supply:** Your imagination and lesson plans!



Breakout EDU #BREAKOUTEDU

## Citizenship/Flag Folding Trunk:

**Includes:** 4 US flags, flag folding instructions & etiquette



## Cricut & Heat Press Trunk:

**Includes:** Cricut machine, small/large heat press, and majority of tools needed

**Need to Supply:** Laptop, cords, downloaded program that goes onto laptop from internet, vinyl, & other desired personalized items

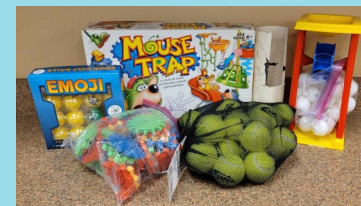


## Engineering & Design Trunk (previously Rube Goldberg):

**Description:** Use assorted materials to create a [chain reaction](#) – type machine or contraption intentionally designed to perform a simple task in an indirect and (impractically) overly complicated way.

**Includes:** 160 marbles in tin can, 18 tennis balls, 14 emoji golf balls, 12 toy trucks, mouse hunt game pieces, string, pins, empty thread spools, balloons, & straws.

**Need to Supply:** Please replace any supplies used. You will need any additional supplies you would like to create your design! **Use your imagination!**



## Grain Cleaning Trunk:

### Includes:

8 Sieves - Various sizes separating sticks & grain

Need to Supply: Additional grain varieties



## Griddle Trunk:

\* Use for any cooking project \*

Includes: Two griddles and spatulas



## Leathercrafting Trunk:

Includes: Leathercrafting manual, large assortment stamps, tools, and other leathercrafting essentials. Great trunk for beginners or advanced experience.

Need to Supply: Leather and/or project kits, stain, and other project specific materials.



## Plant/Range Judging Trunk:

Includes: Physical examples of over 60 North Dakota Range Plants & Range Judging Handbook



## Pop Bottle Rocket STEM Trunk:

Includes: Launching Kit, Bottles, Educational Material

Need to Supply: Water & Hose



## Rabbit Lab Kit:

Includes: Materials and suggestions for activities that cover anatomy, breeds, conformation, identification systems, genetics and reproduction, selection and evaluation, and quality assurance.



## Scrapbooking Trunk:

Includes: Large assortment of stamps, crimpers, templates, scissors, stickers, etc. Some paper products available.

Need to Supply: Personal photos, paper, album sheets, and other specialized materials.



## Seed ID Trunk:

### Includes:

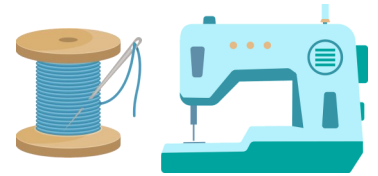
Assorted ND Seeds and educational materials



## Sewing Trunk:

Includes: 2 sewing machines, several spools of colored thread

Need to Supply: Sewing project & additional supplies



## Soldering/Burning Trunk: \*can use for projects like Lariat Rope Art \*

Includes: 10 soldering tools & tips for each

Need to Supply: Project materials & electric cords



## Bottle Tornado STEM Trunk:

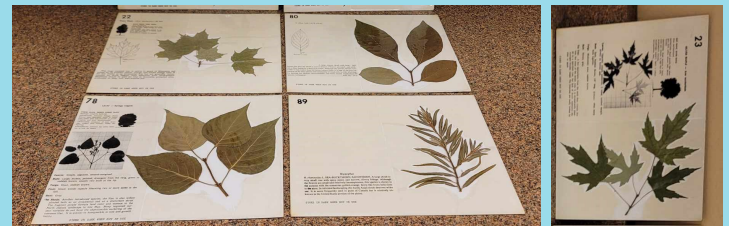
Includes: Bottles, connectors, and instructions

Need to Supply: Water and extras such as food coloring or objects to go into water



## Tree Identification Trunk:

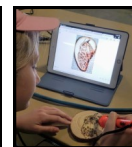
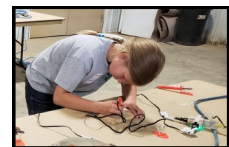
Includes: Physical examples of over 60 North Dakota Tree/Leaves & educational materials



## Woodburning Trunk:

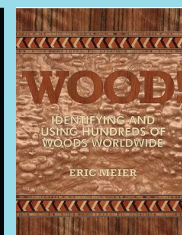
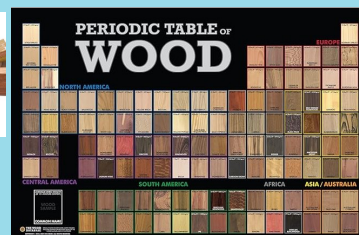
Includes: 11 Complete Woodburning Kits w/ 12 tips & stands. Assorted additional supplies!

Need to Supply: Wood or project to use tools on, patterns, power cords, & tools



## Wood Identification Trunk:

Includes: Large assortment of wood samples, educational materials, quizzes, & Periodic Table of Wood poster



Other Specialty Trunks Available: Beef Learning Trunk (available for instructors/special circumstances only); Hippology/Horse Learning Trunk (available for instructors/special circumstances only); Lego WeDo & Mindstorm NXT v1 Trunks; Ozobot Trunk (training and special programs required); Sheep Learning Trunk (available for instructors/special circumstances only)

---  
| This publication is located online at: |  
| <https://tinyurl.com/MC4HTrunks> |  
---

NDSU EXTENSION

EXTENDING KNOWLEDGE >> CHANGING LIVES

NDSU is an equal opportunity educator, employer, and provider. Visit [nds.u.edu/equity](https://nds.u.edu/equity) or call 701-231-7708. This publication will be made available in alternative formats for people with all disabilities upon request. 701-628-2835.