

Farm to Fork

(1st Grade Rotational Version)

Learning Stations for Students –

STATION 1: Milk Means More – Dairy Exhibit (Needs 2 Adults)

- (15 min) Observation Station: Compare/ Contrast, Discuss, Count
 - o Two easels – One for observations (ask students to pay attention to the videos and remember how cows are milked, what they eat, where they live, eat, drink, sleep, etc.) & one for “parking lot” (write down any questions/ topics to explore more, back at school)
 - o Watch the “Hickory Gables Farm” Video and ask students these questions (record their answers):
 - Where do their cows live, eat, drink, sleep, etc.?
 - What do they eat? How do they get their water?
 - How are their cows milked?
 - o Watch the “Messing Dairy” Video and ask students these questions (record their answers):
 - Where do their cows live, eat, drink, sleep, etc.?
 - What do they eat? How do they get their water?
 - How are their cows milked?
 - o Send papers back with teachers, so they use for future lessons/ discussions
- (15 min) Explore the IQhub: Check out the rest of displays (excluding the Tractor Simulator and Kids’ Korner)

STATION 2: Tractor Simulator & Kids’ Korner (Needs 2 Adults)

- (15 min) Drive Tractor: Learn about technology in farming and plant corn
- (15 min) Kids’ Korner Free Play

STATION 3: Classroom (Needs 2 Adults)

- (10 min) Story Time: Read “Who Made my Lunch? From Milk to Cheese”
- (10 min) Cow Discovery: Learn about the parts of a Cow and what happens to the milk
- (10 min) Dairy Farmer Activity: Sorting & counting Animals (colors, sizes, breeds, etc.)

STATION 4: Classroom (Needs 2 Adults)

- (5 min) Learn how to turn a liquid into a solid and make butter
- (10 min) Class makes butter with their small groups
- (15 min) Taste the butter on crackers and wrap-up discussion

Michigan Learning Standards for today’s IQhub visit –

- Science Standards:
 - 1-LS3-1 Plant and Animal Structures – Parents and Offspring
 - 1-ESS1-2 Seasonal Sunlight
- Math Standards:
 - 1.MD Measurement and Data

- Career Awareness:
 - Target 3: Engage Students in Career Awareness Activities
 - Introduce the awareness of nontraditional careers

Possible Careers Discussed in today's IQhub visit –

- Farmer
- Agronomist
- Harvester
- Mechanic
- Inventor
- Technology Specialist
- Nutritionist
- Animal Specialist
- Truck Driver
- Food Scientist
- Dairy Foods Specialist
- Grocery Specialist