

## IGS Curriculum: 1<sup>st</sup> Grade

### *Connections to Curriculum Frameworks:*

- Understand that animals, including humans and plants, are living things that have life cycles and need food, air, water and sun for survival
- Understand that people and animals use senses to seek habitats that provide basic needs to survive
- Identify and safely use simple machines and materials appropriate to a given task
- Sequence calendar events and concepts related to time
- Explain how people earn, save, and spend money
- Use terms related to relative location and direction on a map, globe

### *Connections to IGS Learning Goals:*

- Appreciate the farming profession
- Know that everyone can grow food
- Understand the connection between healthy soil, healthy plants and healthy people

### *Essential and Topical Questions:*

- Where does food come from?
- Why do we have farms?
- What do farmers do?
- What is a farm?
- What are seasons?
- What do farms look like now on Martha's Vineyard?
- What did farms look like long ago on Martha's Vineyard?

## **Fall (September – November):**

### *Lessons:*

- Fall in the garden
  - Harvesting and tasting
  - Measuring, weighing
  - Identifying, mapping and tallying plants in garden
  - Garden observations, drawings, journals
  - Composting
  - Putting the gardens to bed
  - Seed saving
- Farm Oral Histories (MV Museum)
  - Sarah Jenkinson story
- KWL sheet: Farms
- Introduction to Farm Animals
- Fall on a farm
  - Jobs of a farmer

- Animals in fall
- Farm Plays
- Farming Photo Timeline (MV Museum)

*Field Trips:*

- “Farming through the ages/dairy” @ Tea Lane Farm, Mermaid Farm, Grey Barn (all 3 in 1 day)
- Gleaning @ Morning Glory Farm, or from local fruit trees

**Winter (December – March):**

*Lessons:*

- Winter on the farm
  - Jobs of a farmer
  - Preserving food
    - Dehydrating apples/fruit
    - Herb satchels
    - Applesauce: sequencing activity
  - Making apple prints (Feb – Valentine’s Day)
- Farm machines and simple machines
  - Farm Jobs: Machines and Animals
- Dairy
  - Making butter/cheese in the classroom
- Fiber
  - Introduction to different kinds of fiber, origins
  - Weaving (on a hoola hoop/classroom loom)
- Garden in a glove: germination

*Field Trips:*

- “Farming artifact analysis” @ MV Museum
- “Butter Making Focus” @ MV Museum (after classroom butter making)
- “Fiber and Textiles” @ MV Museum
- Dairy farm field trip @ Grey Barn or Mermaid Farm (*if not done in fall*)
- “From sheep to wool” @ Allen Sheep Farm or Native Earth or Farm Institute

**Spring (April – June):**

*Lessons:*

- Spring on the farm
  - Jobs of a farmer
  - Weather on the farm
  - Starting seeds in the greenhouse
  - Journaling
- Garden mapping, garden planning

- Measuring and observing plants
- Making garden signs
- Planting, observing, watering in the garden
- Farming on MV Photo Timeline (w/MV Museum)

*Field Trips:*

- “Farming on MV Photo Analysis” @ MV Museum (or in classroom)
- “Spring on the farm” at the Allen Farm, Farm Institute or other farm
- Farmer’s Market (June)