



Equipment Needed:

- Computer
- Speakers
- Projectors
- Wi-Fi Connection

Pre-Class Prep:

- Secure computer access.
- Review 360-degree videos and how they work.
- Make copies of activity sheets from the Virtual Farm Tour Curriculum and [scavenger hunt](#) if needed.

Cross-Pollination Ideas:

In the Cafeteria:

- Hang The Virtual Trip to Two New England Dairy Farms Poster.
- Hang your state-specific [Moo I.Q. Posters](#).
- Ask to have a dairy-forward recipe featured on your school's menu.

Community:

- Promote or recap activities to parents, teachers, and the school community through online blog and social media posts, or through the local media.

Possible Adaptations:

- If you cannot access W-Fi, use the curriculum, poster, and activity worksheet questions to guide the discussion.
- If you only have one computer, complete the scavenger hunt and worksheets as a group while watching the videos.



Implementation

The [360-Degree Virtual Farm Tour Curriculum](#) is designed to be used with [our virtual farm tour videos](#) in the classroom and it may also be used by after school and community programs

Goals and Objectives of Activities: Students will understand the role of the dairy farmer in running a sustainable farm effectively.

Videos include:

- Cows Come First on the Gervais Dairy Farm: 360-degree video (4:22)
- A Piece of Planet Earth on the Poulin Dairy Farm: 360-degree video (3:02)
- Changing Ways on Two New England Dairy Farms: 360-degree video (4:25)

These resources can be used in different ways:

- *Short Version: 10-15 minutes*
 - Choose and watch one of the videos. Have students complete the scavenger hunt and share something they learned.
- *Medium Version: 20-30 minutes*
 - Watch two videos of your choice, and complete the scavenger hunt.
 - OR Watch two videos of our choice and complete an activity worksheet.
- *Long Version: 45-60 minutes*
 - Watch all videos and complete scavenger hunt and curriculum activity sheets..
 - Discuss student responses
 - Complete activities from the How Milk Gets from Farm to You curriculum.

Age Modification

Grades K-4

Watch videos with students and use the scavenger hunt as a guide to recap what they learned.

Grades 9-12

Students can complete the EPA's [Carbon Footprint Calculator](#) after completing the curriculum activities. Ask students to identify possible improvements they can make in their lives. Talk about what might be similar or different to what dairy farmers are doing.

Extended Thinking & Activities

Resources accessible via NewEnglandDairy.com



All Grades

[School Recipes](#) - appropriate for school cafeterias/school stores/school snack stands. With these recipes, teachers can coordinate with cafeteria staff to integrate dairy forward menu items on school meal menus like:

- [Pizza Grilled Cheese](#)
- [Blueberry Delight](#)
- [Vanilla Steamer](#)
- [Smoothie Recipe](#) - Smoothies can be created as part of the video lesson plan (or as an in-class activity), making it a hands-on and yummy way to engage students .

[Meet the New England Dairy Farm Families](#)

- Teachers and students can learn about other local family dairy farms in their area.

[Dairy Fun Facts](#), [Dairy Trivia](#), and [Dairy Jokes](#)

- These can be incorporated with your Moo I.Q. lesson or integrated as a “Joke/Fact/Trivia of the Day” in the classroom, cafeteria, morning announcements and more!

Create a flavored milk tasting station or a mix-and-match milk bar.

- Use different flavored milk products to create a milk tasting bar. Include flavors such as plain, chocolate, and strawberry milks with other products like fruits, spices, or other flavorings.



Grades 6-12:

[A Pile of Energy](#)

- Use this infographic as a talking/discussion point when speaking about examples of sustainable practices used by dairy farms.

Grades 9-12:

[How One Cow- How Dairy Contributes to a Sustainable Food System](#)

- Use this resource to further explore sustainability in dairy farming and how it relates to our daily lives.