

Lesson #7a SITES OF ENGAGEMENT #1
Sweet Family Farm (Black Mountain Farm & Lamoille River)

ESSENTIAL QUESTION: How does our community affect the waterways in Fletcher, Vermont?

Focusing Questions:

How does the Sweet Family Farm affect the Lamoille River?

What are some of the treasures the Sweet Family use within their daily farming routine that relates to the waterway?

What learning can I acquire from this experience and apply to another site?

WHERE will this “engagement” take place?

The Sweet Farm is located on River Road, Fletcher, Vt. Their farm is nestled between Black Mountain and on the western banks above the Lamoille River. The Sweets are a multi-generational farm-family and have had and are an important part of our Fletcher community.

What is the PLAN for your students?

Pre-visit:

Prior to our site visit to the Sweet Family Farm, members of the family (Robin, Linda and Rob Sweet) will be invited into our classroom during our community time to share the history of their farm. Tools-of-the-trade and technology over time. Students will follow the procedure for active listening and note taking during this time.

Prior to the on-site visit, prior knowledge will be activated about the impact of farming on the waterway...

Classroom Teachers will establish positive and appropriate field trip behavior and safety expectations.

On-Site visit:

At the Sweet Farm we will review field trip expectations and safety expectations (such as machinery, animal and fence safety)

Small groups will be assigned water sampling, soil sampling, crop & herd management, or tools of the trade/technology over time. (These groups will rotate at each of the other farms.)

After students have worked in small groups, the Sweet family will lead us on a tour of the farm. Students will ask questions and will sketch and take notes in their STEM journals.

Post-visit:

Small groups will have time to analyze and discuss data taken from the Sweet farm and then report out.

All students will do a creation of an event map of the Sweet Farm.
Thank you notes will be written to the Sweet Family and will include outcomes of the data with possible recommendations from their findings.

What is the OUTCOME of this experience?

STEM journals include a rubric that defines student expectations.
Report outs include a listening and speaking rubric
Thank you notes and cards will be read through and proper use of Capitalization, organization, punctuations, spelling and content will be noted.

This site plan targets our FWSU Action Plan in regards to:
Target #1: student-centered learning
Target #2: Leadership in a student-centered learning environment
Target #3: Flexible learning environments,
Target #4: Engaged community partners

List of NGSS Standards

***Printed copy of complete standard attached**

NGSS Standards

5-ESS2-1

5-ESS3-1

5-PS2-1

ELA Standards

RI.5.7, SL.5.5

RI.5.1, RI.5.7, RI.5.9, W.5.8, W.5.9

RI.5.1, RI.5.9, W.5.1

Math Standards

5.G.A.2