

Elementary Curriculum

1st Grade (Fall):

Curriculum: Insect Field Trip to Southworth Park (fall)
Plans: **Plan again for Fall 2013 (September)**

2nd Grade Plant & Weather Unit (Fall / Spring)

Curriculum Fall: Seed field trip to CRT (WES & SME);
Spring: Field trip to Mountain School (Vershire) to view sugarhouse and sugarbush to examine trees and sugaring operation on trail
Plans: **Plan again for Fall 2013**
Sugarhouse field trip for Feb/March

3rd Grade Rivers & Erosion (Fall) / Amphibians (Spring)

Curriculum: Fall: River field trip, and in-class
Spring – Amphibians, Adaptations
Locations along the trail (Glen's Falls, Orford Ponds); nature's response to spring; amphibians
Environmental parameters, vegetation, amphibians (identification), environmental concerns
In-class time followed by field-trip to site(s)
Plans: **Fall field trip 2013 in Sep. ; Revise worksheets with teachers**
Spring Field Trips for April/May 2013 for Amphibians
Both WSE and SME for 2013

4th Grade Geography / Settlement Unit (Spring)

Curriculum: Combined 4th grade field trip to local Historical Society and walk along CRT
Plans: Assist with Fall hike to Palisades;
Spring: Geography and Settlement Patterns
Field trips and Hist. Soc. visits for April to W. Fairlee and Fairlee / Orford
Revise Ely Mine field-trip
QUES: Incorporate new GPS receivers for curriculum and field trip
Use the Encountering History site (<http://www.rivendelltrailshistory.org>) and CRT website

5th Grade (Winter)

Curriculum: Winter Hike - safety and winter survival, emergencies
Plans: **Planning for December 2013 based on success of Dec 2012**
To Middlebrook lean-to, winter survival skills & use of GPS receivers, etc.

6th Grade Ecosystem / Forest / Trail Unit

Curriculum: Ecosystem / Forest Studies; field trip and in-class (ecosystems)
Curriculum unit focusing on ecosystems and the trail
Geographic Information Systems (GIS) investigations, comparisons to regional / state areas
Plans: **Forest Ecology hike / activities to Bald Top in Sep/Oct 2013 with focus on invasives**

Academy Curriculum

Middle School, 7th / 8th Grade

- Curriculum: Science and Math investigations using GIS & GPS applications;
Aquatic Ecology along Jacobs Brook in proximity to CRT and AT (Quinttown)
- Plans: **QUES: explore 7th / 8th grade hikes again (spring 2012 Cube)**
QUES: how to connect with Mount Cube Wildlife Project?
QUES: trail adoption? How would this work with students, tools, etc.
- Other: Possible curriculum linkages to history and 4th grade curriculum;

High-School, High-School Science

- Curriculum: **CURRENTLY NO CURRICULUM LINKAGE**
- Plans: **PREVIOUS: 2-years of Agricultural Ecology (Forestry) on CRT in West Fairlee (Fall);**
PAST PLAN: Creation of interpretive trail (forest succession);
What are the curriculum plans for 2013-2014?
- Other: Investigate possible community interest in forestry on the ROCC (Orford);

High-School Environmental Literature Course

- Curriculum: Environmental Literature on the trail;
- Plans: **reading landscapes, journaling, ecology and recreation display's & brochures, website**
- Other: **NO LONGER A COURSE OPTION**
kiosk displays, website, brochures, Mount Cube kioks panel? Britton property interpretive trail signs?

TTEC Curriculum

- Completed Trail to Every Classroom (TTEC) Professional Development Workshop Series
Focus on place-based, service learning, Appalachian Trail - direct link to CRT and curriculum development;
CURRENT: Mount Cube Wildlife Project
http://crossrivendelltrail.org/TTEC_Curriculum_Development_ECOSYSTEMS-web.pdf

Community Service

- Plans: Recruit students who need community service hours for specific projects (ex. trail clearing, kiosk work, display materials, defined community / trail activity) outside of school on specific days, set dates for SPRING 2013;
Other Community related activities, best organized with HS students and community service hours;
Connections with Mount Cube Wildlife Project;

Other

All School Hikes

Plans: **Continue WES hike; possible SME hike on CRT;
Re-establish Middle School Hikes, improved curriculum and education linkages;
Follow-up activities hikes with GIS Day activities;
Incorporate Appalachian Trail into curriculum;
Approach HS student council about class hikes for SPRING via RTA Student reps**

CRT / RTA Website Updates (Education / RISD)

Plans: **Continue to add content under Education section
(<http://crossrivendelltrail.org/education.htm>)
Inservice Opportunities?**

Coordination of RISD Trail Crew Grant Materials

Plans: Submit 2013 trail crew grants; look to local businesses (ex. Hyperthern)
QUES: can student(s) work to design trailhead graphic for Mt Cube?

School Displays

Alternative: **Displays up at WES, SME, and RA – revisions needed;
Activities with students are “presented” on the map as they occur during the year;
Present using the website as “Where We Learn on the CRT”;**

Project / Grant Ideas

CRT Atlas: Online, digital atlas along the trail where educational activities and related community projects
Example: water resources, history, forest types → monitoring, documentation
Building of an online spatial database of information that displays information for the the variety
of ecosystems and human interactions found along the CRT;
Is this idea feasible with limited resources?

Cube Wildlife: Ongoing wildlife project with Wellborn Fund cameras;

GPS receivers: Develop instructional materials for GPS use;
Provide training materials and easy to use technological solutions for teachers;
Time? Additional funding?

Community: **Ongoing work with all towns;**
Continued discussions with town Conservation Commissions in towns;
Fairlee – Bald Top Mtn and invasive plants; Orford – Wildlife Project on Cube

RISD / CRT Curriculum Integration

Notes: Continued review of RISD continuum files for math, science, social studies and technology

Assessment: Elementary → nec. to address 5th grade in coming year?
Middle School → build on programs and new opportunities in 2012-2013
High School → how to foster connections with HS teachers / students (see above)

GOALS: “Coordinator’s primary responsibility is to collaborate with teachers to design curriculum units.”
Assist teachers developing / expanding curriculum using the trail and technical assistance