



Training Title: STEM: Second Nature - FALL

Training Blurb: This workshop will introduce participants to the structure and function of Vermont's trees using both indoor and outdoor activities. Experiential, hands-on activities will focus on two big ideas from NGSS: Patterns as well as Structure & Function. Both physical and life science will be emphasized. Participants will leave with a flexible, six-week plan for children in grades K-5, and a resource list for supporting publications.

Goals:

1. To help children learn about the trees of Vermont.
2. To help children investigate the workings of the different parts of a tree.

Training Audience:

- X Direct Service Staff (New)
- X Direct Service Staff (Experienced)
- X Site Directors/Asst. Site Directors
- X Program Directors

Trainer Category:

- X Independent Trainer
- X Professional Trainer
- Partnership Trainer

Content Level:

- X Basic
- Advanced

Participant Capacity: 20

Instructional Methods: (check all that apply)

- Pre-Reading
- Pre-Assessment
- X Lecture
- Guest Speaker/Team Teaching
- Creating a Product/Sample
- Video/Audio
- Role Playing/Modeling
- X Team/Partner Exercises

Core Competency:

- Child and Youth Development
- X Curriculum Enrichment
- Families and Communities
- Healthy and Safe Environments
- Program Organization and Development

Training Duration:

- X 2 hours or less
- 2.5 – 4
- 4.5 – 6
- 6.5 – 8
- 8 or more hours

Content Applicable for Child Grade Range:

- X Elementary (K-5)
- Middle School (6-8)
- High School (9-12)

- X PowerPoint
- X Large Group Discussion
- X Small Group Discussion
- X Investigations/Practice
- X Active Movement
- X Take-Away Samples/Lesson Plans/Forms
- Goal-Setting/Action Steps for Future
- X Bibliography/Websites/Handouts