



Training Title: STEM: Second Nature - SPRING

Training Blurb: Spring is a great time to introduce the concept of change over time as changes are happening quickly this time of year. This workshop will introduce participants to the concept of change over time by developing observation skills and exploring how the plants, insects and animals around us change in the spring, and how weather influences. Experiential, hands-on activities will focus on three big ideas from NGSS: Patterns, Structure & Function and Stability & Change. 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 understand the big idea of patterns and how this can be experienced through investigating bird behavior such as migration, foraging, and fledging young in varied habitats.
2. To understand the big idea of structure & function by investigating eggs, nests, and bird body parts and their adaptations to a variety of habitats.

Training Audience:

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

Trainer Category:

- ✓ Independent Trainer
- ✓ Professional Trainer
- Partnership Trainer

Content Level:

- ✓ Basic
- Advanced

Participant Capacity: 20

Instructional Methods: (check all that apply)

- Pre-Reading
- Pre-Assessment
- ✓ Lecture
- Guest Speaker/Team Teaching
- Creating a Product/Sample

Core Competency:

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

Training Duration:

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

Content Applicable for Child Grade Range:

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

- Video/Audio
- Role Playing/Modeling
- ✓ Team/Partner Exercises
- ✓ PowerPoint
- ✓ Large Group Discussion

- Small Group Discussion
- ✓ Investigations/Practice
- ✓ Active Movement
- ✓ Take-Away Samples/Lesson Plans/Forms

- Goal-Setting/Action Steps for Future
- Bibliography/Websites/Handouts