



## 2025 Community Science Teacher Workshop - Schedule

### Monday July 7

8:30AM - Meet and Greet - Introductions

9:00 AM - VCE Overview

9:30 AM - Community Science Overview - iNaturalist and the Vermont Atlas of Life

10:30 AM - Field Sampling Techniques - an overview - Biotic and Abiotic Sampling

10:45 AM - Biotic Factors - Examining Plant Species Richness

12:00 PM - Lunch

1:00 PM - Statistics and Field Sampling

1:30 PM - Abiotic Factors - Soil Temperature and Vegetation Cover

2:45 PM - Soils - connecting abiotic and biotic factors - stats

3:00 PM - Invertebrate Sampling - setting pitfall traps - Habitat, Biodiversity and Invertebrate Community

### Tuesday July 8

8:30 AM - Check the pitfall traps and calculate biodiversity scores

10:00 AM – Travel to [Mink Brook Nature Preserve](#)- Macroinvertebrates, water quality and indicators species

12:00 PM - Lunch

1:00 PM – Travel to [Dartmouth Organic Farm](#)- VCE Projects: Plant Interactions with Pollinators, Common Garden Experiment, Butterfly Atlas

4PM - Climate Change and Birds - Climate Change Bird Atlas and Birding 101

### **Wednesday July 9**

8:30 AM - Bird Surveys - Protocols for examining Species Richness, Migration and Population and Community Status

10:30 AM - Travel to [Marsh-Billings-Rockefeller National Historic Park](#)- Community Science Study Site

12:00 PM - Lunch

1:00 PM - Salamander Inventories - Protocols for the Community Scientist

### **Thursday July 10**

8:30 AM - Forest Ecology and Conservation

12:00 PM - Lunch - [King Arthur Baking](#)

1:00 PM Forest Data Analyses - Online Resources for evaluating Forests and Trees

3:00 PM - Program Wrap-up - How do the lessons of this workshop fit into your program?

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