

# Integrating Field Work into the New Science Standards: Nature School for Teachers

Co-Sponsored with the EDCO Collaborative - EDCO Members please register through EDCO for discounted rates

**Course Description:** Nature School for Teachers is a chance to become immersed in our local habitat, become (re)excited about science, and become familiar with the science practices embedded in the new Massachusetts science standards. The week will combine habitat exploration, hands-on fieldwork, and classroom seminars taught by Mass Audubon educators and scientists. Participating teachers will practice field science and inquiry-based learning methods by studying local habitats, conducting field research, and designing investigations and field experiences that will have direct applicability to their classroom. The course will introduce principles of ecology (ecosystems, habitats, adaptation, food webs, cycles and systems, energy flow), and highlight their connections to the earth, life and physical science standards. Presenters will suggest methods and resources for helping students learn and practice science through the exploration of their schoolyards and neighborhoods, and will model practical ways to teach in an outdoor environment.



Participants will reflect on their experiences by keeping a field journal and, as a final project, will create a field experience and study tools to be used by their students.

**About the Instructors:** Tia Pinney, Jennifer Feller and Robin Stuart are instructors with Massachusetts Audubon Society at Drumlin Farm.

<b>Audience:</b> K-8 Classroom Teachers	<b>Location:</b> Drumlin Farm Wildlife Sanctuary, Lincoln
<b>Date &amp; Time:</b> Monday – Thursday, July 31-August 3, 2017 9:00AM – 3:00PM; one follow-up November afternoon, TBD	<b>Earn:</b> 25 PDPs
<b>Cost:</b> \$295 TEC/EDCO Members / \$355 Non-TEC Members	<b>Grad Credit:</b> Two graduate credits available from Framingham State University for an additional \$150, payable at the first session

**MA Educator Evaluation Strand and Indicator addressed by this workshop:** **Indicator I-A.** *Knows subject matter well, has good grasp of child development and how students learn, and designs effective and rigorous standards-based units of instruction consisting of well-structured lessons with measurable outcomes.*



To register: Go online to [http://www.tec-coop.org/PDL\\_RegForm.html](http://www.tec-coop.org/PDL_RegForm.html) or complete this form and send, **along with a check or PO**, to:  
TEC Professional Development, 141 Mansion Drive, Suite 200, E. Walpole, MA 02032

Register me for "Integrating Field Work" on 7/31/17!     TEC /EDCO Member District: \$295     Non-TEC Member District/Private School: \$355

Name: \_\_\_\_\_ School: \_\_\_\_\_

Home address: \_\_\_\_\_ Role: \_\_\_\_\_

City, state, zip code: \_\_\_\_\_ Address: \_\_\_\_\_

Email: \_\_\_\_\_ City, state, zip code: \_\_\_\_\_

Home phone: \_\_\_\_\_ Work phone: \_\_\_\_\_

*Withdrawals: No credits/refunds will be given unless TEC is notified 10 business days before the first class. All payments processed upon receipt. There is a \$5 cancellation fee.*