Aquatic and Terrestrial Habitats - June 15-16, 2010. What more fun could you have building your own desktop pond and terrarium and watching the life cycle and food webs right before your very eyes?

The Real Reasons for the Seasons- Sept. 13, 2010. Sponsored by NASA and carefully developed to help students overcome misconceptions about the causes of the seasons, this unit features modeling and hands-on activities. The seasons come and then pass by. Can you explain the reasons why?

Involving Dissolving-October 13, 2010-Students explore the concepts of dissolving, evaporation, and crystallization. Using familiar substances, they create homemade “gel-o” colorful disks, and crystals that emerge on black paper to make a “starry night.”

Color Analyzers- Feb. 8, 2011- The guide’s colorful front cover camouflages a secret message used in class activities; the back cover’s photo of a nebula, when viewed through different filters, helps students understand how color filters help astronomers scan the heavens.

Finger Printing- April 26, 2011- In these “fingers-on” activities, students explore the similarities and variations of fingerprints. They take their own fingerprints (using pencil and transparent tape), devise their own classification categories, and apply their classification skills to solve a crime. The mystery scenario, Who Robbed the Safe?, includes plot and character sketches; we also encourage teachers to create characters and plots to develop their own mysteries.

Five fun, informative, after school sessions that will enable you to bring fun and educational hands on science projects to your classroom. Applicable to all age groups!
Summer Training
JUNE 15-16, 2010  9:00 -3:30
FOR GRADES K-6
AQUATIC AND TERRESTRIAL HABITATS
Day One includes training on the Aquatic Habitats; Exploring Desktop Ponds.
A model pond comes to life right on the classroom desktop! Students groups set up, observe, study and reflect upon their own aquatic habitat. Accessible plants and small animals used include Elodea, Tubifex worms, snails, mosquito larvae and fish. Students will expand their understanding of adaptations life cycles, food webs and biological control.
Day Two focuses on Terrarium Habitats
Mmmmmm, DIRT. “Terrarium Habitats”, springboards from youngsters’ fascination with the stuff, to explore the denizens, constituents and properties of soil—an element we take for granted, but which provides everything from habitat to the nutrients essential to the life cycle.
The activities in this guide bring the hidden world up close, deepening student understanding and connection to all living things.

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