

About Dr. Diana

Dr. Diana Wehrell-Grabowski, AKA Dr. Diana, owner of Mobile Science Education Consulting Services has been successfully conducting “hands-on” science programs and teacher workshops/in-services throughout the state of Florida and the United States since 1987. The business was created by Diana to provide progressive and quality “hands-on” science programs to students of all ages, and “hands-on” science workshops/ in-services for teachers, administrators, and parents.

* Dr. Diana Wehrell-Grabowski received her Ph.D. in Science Education from Florida Institute of Technology in 1994. She also has a Master’s degree in Curriculum & Instruction in Science Education.

* Diana has provided over 650 teacher in-services for public and private educational institutions, corporations, and educational organizations. Additionally, she has provided over 150 parenting workshops, reaching over 5,000 families.

* Diana has been a keynote speaker, guest speaker and presenter at over 80 conferences throughout the state of Florida, nation and worldwide.

* Diana has presented over 14,000 “hands-on” science programs to pre-k through middle-school students at hundreds of public and private educational institutions.

* Her business has been awarded several prestigious grants. Additionally, she has worked collaboratively with other organizations in writing grants that were awarded.

* Her business has received the attention of the media on 30+ occasions. Additionally, she has written articles that have appeared in many publications.

* Diana has written 15 curriculum training manuals.

* Diana is a member of NAEYC, NSTA, LEEF, FAST, Head Start, National Afterschool Association, & member of No Child Left Inside Organization.



Looking for a lively, educational and exciting keynote for your next conference? Contact Dr. Diana for details or view her keynote speaker website: <http://drdianakeynotespeaker.com>

Structure of Workshops

- * All workshops are approved for CEU through CDS, and approved provider of CEU by IAECT.
- * All in-services help to meet National and Regional Pre-School Readiness Goals.
- * All in-services help to build and strengthen the cognitive development and general knowledge of the (3-5 year old/early childhood child).
- * All workshops meet the requirements of the *National Science Education Standards* (preschool & K levels)
- * All in-services incorporate the use of hands-on-minds-on explorations to teach science concepts. Participants will be actively engaged during the entire in-service.
- * All workshops incorporate current trends in early childhood research findings.
- * Workshops range in length from: 3 hours, 6 hours, and multiple-days (2-10). Multiple-day in-services can be offered throughout the school year and during the summer.



FEES

- * In-services can be funded through Title I, Title II, III, V, *Head Start, Even Start, School Readiness, Literacy Funds, & No Child Left Behind Act.*
- * Three hour workshops or less\$700.00
- * Six hour or less (full-day) fee range \$1,200.00-\$1,500+
Fee is based on travel requirements. *Email for quote.*
- Two (3 hr) workshops scheduled within a day will be charged an additional fee.
- The fees listed above include materials and supplies to conduct the workshops for up to 25 participants. Email to discuss fees for extra participants.
- There will be an additional fee accessed to cover travel and lodging incurred by the consultant. The travel fees are reasonable and generally substantially less than the national per-diem standards.
- Pre- proposals are submitted for all workshops.

CEU Approved Hands-On Science Workshops For Early Childhood Teachers

Available Nationwide

Mobile Science Education Consulting Services



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The following is a list of available in-services for early childhood teachers. Additionally, all of the in-services listed are available as parenting workshops. I am also able to custom-design in-services to suit a specific need of your district/organization.

Exploring Science, Technology, Engineering, and Math (STEM) in the Early Childhood Classroom

During this in-service participants will be introduced to a wide-array of science, technology, engineering, and math explorations appropriate for the early childhood classroom. Explorations are easy to implement, often use existing classroom materials or readily available materials and supplies. Participants will explore: patterns and shapes, build with blocks, build structures out of simple household materials such as straws, spaghetti noodles, gumdrops, marshmallows, etc.; explore how toys and common household objects work; sand and water wheels, toys, build ramps and pathways with corner moldings, blocks, race car tracks and more, build and test boats; and explore sound waves through musical instruments and much more....



Young Nature Explorers

During this in-service participants will learn simple yet effective ways to use the school yard, neighboring parks, and other outdoor settings to teach the young child about the many wonders of our natural world. Concepts to be covered include: nature awareness, animals/wildlife, habitats, ecosystems, conservation, ecology, energy, botany, gardening, water and more. Participants will also gain new ideas to connect other subject areas (language arts, math, social studies, art, and health) to environmental science education concepts. Participants will surely enjoy getting their hands "dirty" as they touch and explore leaves, flowers, insects, pill bugs, worms, dirt and more. This in-service is a must to add to your training.



Two of many reasons why environmental education is important:

- Research shows that exposure to nature improves student achievement in the classroom.
- It helps to improve the health of children.

Teaching Science Through The Literature of Dr. Seuss

During this in-service participants will learn how to bring science to life through the use of the ever popular *Dr. Seuss Cat In The Hat Science Series* i.e., (*Wish For A Fish, Oh Beyond Bugs, There's No Place Like Space, Is A Camel A Mammal*, and more). Approximately 35 *Dr. Seuss* books will be introduced during this workshop which can be used to teach science through one of the most famous and prolific writers of our time. Participants will be given an historical overview of Dr. Seuss's life, which will help participants have a better understanding of how many of Dr. Seuss's books evolved. Additionally, participants will engage in a wide-variety of hands-on science activities each connecting to the various themes found in the individual books introduced during the workshop. This workshop is a must for all early childhood educators'. Science, reading readiness, and literacy all in one workshop.



Teaching Science To The Preschool Child General (covers all areas of science)

During this in-service participants will be introduced to the most current teaching methodologies and learning theories in science education.



Participants will learn how to provide opportunities for the preschool child to develop age-appropriate observational, exploratory, and analytical skills necessary to study the Nature of Science. *Emphasis will be placed on building upon children's natural curiosity about the world.*

All explorations are hands-on-minds-on and age-appropriate. The following science areas/concepts will be covered: Scientific Thinking (developing observational skills, nature of science), Life Sciences (plants, animals, & environment), Earth and Space Science (rocks, water, weather, and space), and the Physical Sciences (nature of matter, floating and sinking, bubbles, force, motion, and energy).



Teaching Science To The Preschool Child Through Pre-Primary Children's Literature

During this in-service participants will learn how to bring science to life through popular pre-primary children's literature. Endless examples of how children's literature can be used in the classroom to present scientific facts and concepts in a format that is motivating and understandable to the preschool student. Participants will learn how to select fictional and non-fictional books with scientific themes and then develop hands-on-minds-on lessons that provide both scientific information and reinforcement. Fictional books from well-known authors such as: *Eric Carle, Dr. Seuss, Pfister, Zoehfeld, G.Gibbons, Leo Lionni, Lois Ehlert, John Himmelman, K. Robbins, Bill Martin, Anna Milbourne*, and many more..



The hands-on explorations will cover science concepts in the following science disciplines: Scientific Thinking/Inquiry, Earth & Space Sciences, Physical Sciences, & Life Science. This workshop presents the importance of the integration of science, reading, and language arts in the classroom on a daily basis.

Connecting Science Across The Curriculum

This in-service is a must for school districts who would like to incorporate more science within their existing curriculum. The use of an interdisciplinary approach to teaching science forms the basis of this workshop. During this in-service participants will be presented with a broad overview of how science can be creatively integrated within all the subject areas. Participants will conduct numerous hands-on science activities which explore the connections between Science and other disciplines including: Language Arts, Math, Social Studies, The Arts, and Physical/ Health Education. Lastly, participants will expand their science knowledge base and learn how to creatively integrate science concepts and activities within all subject areas using an interdisciplinary approach.

