

About

Mobile Science Education Consulting Services

Dr. Diana Wehrell-Grabowski, a.k.a. *Dr. Diana*, owner of Mobile Science Education Consulting Services has been conducting “hands-on” science programs and teacher workshops 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 for teachers, administrators, and parents.

About Dr. Diana

- Dr. Diana Wehrell-Grabowski received her Ph.D. Science Education from Florida Institute of Technology in 1994. She also has a Master’s degree in Curriculum and Instruction in Science Education.
- Diana has provided over 600 teacher workshops for public and private educational institutions, corporations, and educational organizations. Additionally, she has trained over 5000 individuals in the implementation of family science programs.
- Diana has been a keynote speaker, guest speaker and presenter at over 85 conferences throughout the state of Florida and nationwide.
- Diana has presented over 13,500 “hands-on” science programs to pre-K-12th grade 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 and providing training in major grants.
- Diana has written 15 curriculum training manuals used in her workshops. As well as publishing articles in educational journals and newspapers.

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



Looking for an educational interactive, and exciting keynote presentation for your next conference? Contact Dr. Diana for details, view her keynote speaker website@ <http://drdianakeynotespeaker.com>

Workshop Specs

- Workshops help to meet the goals set forth in the *No Child Left Behind Act*. 
- Workshops meet the requirements of the National Science Education Standards (preK-12th Grade).
- Workshops meet the requirements of the *new world-class Sunshine State Science Standards*. 
- Workshops cover the *Eighteen Big Ideas* and four *Bodies of Knowledge* (Nature of Science, Life Science, Earth Science, and Physical Science).
- All workshops cover FCAT Science components.
- All workshops incorporate a “hands-on” inquiry approach to the teaching and learning of science.
- All workshops are **inquiry-based**.
- All workshops make connections across the disciplines (math, language arts, history, and the arts).
- All workshops incorporate the use of interactive student notebooks (ISN).

Fees

- Two Hour Workshop.....\$400.00
- Three Hour Workshop.....\$600.00
- Full day (6 hours or less).....\$900.00

- Additional fees will be charged for travel and lodging as needed. RT by car from Cocoa Beach to workshop location.

THE ABOVE FEES INCLUDE:

- One curriculum manual per participant, and materials required to conduct workshop.
- Suggested number of participants is 25-40. However, additional participants can attend with an increase in fees to cover materials.
- Fees are due on the day of presentation.

HANDS-ON-MINDS-ON Science Workshops For Teachers and Parents



Big Ideas



Mobile Science Education Consulting Services

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Science Education Consultant**

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Teaching Science and Math Concepts Through Children's Literature

During this workshop participants will learn how to bring science to life through popular children's literature.



Endless examples of how children's literature can be used in the classroom to present and reinforce scientific and mathematical concepts in a format that is motivating and understandable to the student. Participants will learn how to select fictional books with science and math themes, and then develop "hands-on-minds-on" lessons that provide both scientific and mathematic information and reinforcement. This workshop emphasizes the importance of the integration of science, math, reading and the language arts in the classroom and home on a daily basis. Approximately 50-75 titles books will be used during this workshop. Including *Sunshine State Readers*. Covers all Sunshine State Science, Math, and Language Arts Strands. This workshop is appropriate for K-12 grade levels. However, establishments are encouraged to offer the workshop according to grade levels (K-2) (3-5) and (6-12), or elementary and middle-secondary level.

Teaching Science Through the Literature of Dr. Seuss

During this workshop participants will learn how to bring science to life through the use



of the new *Dr. Seuss Cat in the Hat's Learning Library: Oh Say Can You Say Dinosaur, Is A Camel A Mammal*, and others. Plus the following titles and more: *The Lorax*, *Bartholomew and the Oobleck*, *Horton Hatches The Egg*, *If I Ran the Zoo*, *Horton Hears A Who*, *Green Eggs And Ham*, and more. Approximately 40 Dr. Seuss books will be introduced during this inservice 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. 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 inservice. This workshop is a must for all primary educators'. Science, reading readiness, and literacy all in one workshop. Covers all Sunshine State Science, Math, and Language Arts Strands. Suggested Grade Levels (K-3).

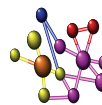
Connecting Science W/Other Disciplines

This workshop will immerse the participant in a wide-array of hands-on-minds-on explorations that connect science across the disciplines. Participants will learn how to incorporate science into their daily reading, writing, mathematics, health, the arts, health education, and social studies through extensive "hands-on-minds-on" investigations and explorations that can be readily implemented within the classroom or at home with minimal effort and cost. Covers all Sunshine State Science Strands plus makes connections to all other academic areas (language arts, math, social studies, and the arts). Suggested Grade Levels (K-6).



Developing Critical Thinking Skills via Science, Technology, Engineering, and Mathematical (STEM) Concepts

Science, technology, engineering, and math (STEM) education is a major focus of reform in science and math education across the nation. This workshop will introduce participants to developing and building creative thinking skills in students with a wide-array of hands-on-minds-on explorations that integrate science, technology, engineering, and mathematic concepts. Participants will explore and analyze structure and function in a wide-array of objects from nature as well as "man-made" objects. Emphasis will be placed on analyzing how man has used models in nature in modern-day inventions, architectural designs, and beyond. Approximately, ten titles will be used during this workshop including: *Biomimicry: Innovations Inspired by Nature* by Janine M. Benyus, *The Private Eye (5X) Looking/ Thinking By Analogy: A Guide to Developing the Interdisciplinary Mind Hands-On Thinking Skills, Creative, Scientific Literacy*, by Kerry Ruef. Covers all Sunshine State Science Strands. Suggested Grade Levels (3-12).



Early Childhood Workshops

All early childhood workshops are approved for CEU credits through CDS, and authorized provider of CEU through International Association for Continuing Education and Training (IACET).

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



During this workshop participants will learn how to bring science and mathematics to life through popular pre-primary children's literature. Endless examples of how children's literature can be used in the classroom and at home to present scientific facts and concepts in a format that is motivating and understandable to the preschool child. Participants will learn how to select fictional and non-fictional books with scientific and mathematic themes, and then develop hands-on-minds-on lessons that provide both scientific and mathematic information and reinforcement. Fictional books from well-known authors such as: *Eric Carle, Dr. Seuss, Pfister, Zoehfeld, G. Gibbons, Marianne Berkes, Judy Allen, Leo Lionni, and many others*. Covers all Sunshine State Science, Math, Emergent Reading, and Literacy Standards.

Teaching Science Through The Literature of Dr. Seuss To The Early Childhood Student

During this workshop 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 40 *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 a brief overview of Dr. Seuss's life, which will help participants have a better understanding of how many of Dr. Seuss's books evolved. Participants will engage in a wide-variety of hands-on science explorations each connecting to the various themes found in the individual books introduced during the workshop. From exploring a very unique substance called Oobleck, to conducting sound experiments, and exploring the characteristics of living creatures. This workshop is a must for all early childhood educators' and parents. Science, reading readiness, and literacy all in one workshop. Covers all Sunshine State Science, Emergent Reading, and Literacy Standards.



- To see additional workshop titles please visit my website at: <http://www.dradianateachertraining.com>