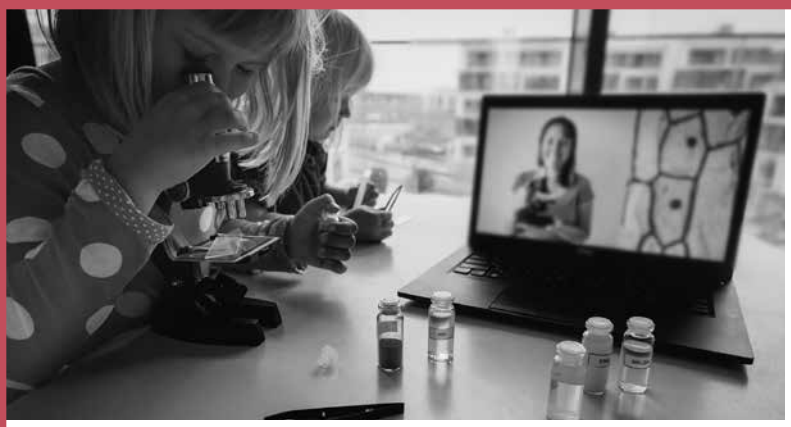
Bureau of Education & Research

Live Online Seminar or Recorded Version

Cutting Edge Tools and Strategies for Teaching Science

(Grades K-6)



A Unique One-Day Live Online Seminar Presented by

Marjorie Porter

Outstanding Educator and National Presenter

Specifically Designed for Educators Serving Grades K-6: Classroom Teachers, Science Specialists, Instructional Coaches, Technology Integration Specialists, Instructional Assistants, and Administrators

Practical strategies for successfully incorporating **engaging and motivating science lessons** into your daily instruction without spending hours of extra planning time

Exciting practical ways to **integrate science inquiry, content, and process** into any existing science program

Resources, lessons, and ideas that will strengthen and encourage creativity and innovation whether you teach in-person or online

Receive an **extensive digital K-6 Science resource handbook** filled with dozens of ideas, tools, and strategies

Live Online Seminars

March 15
9 AM Eastern, 8 AM Central, 7 AM Mountain, 6 AM Pacific

March 16
9 AM Pacific, 12 PM Eastern, 11 AM Central, 10 AM Mountain

April 15
9 AM Central, 10 AM Eastern, 8 AM Mountain, 7 AM Pacific

April 16
9 AM Eastern, 8 AM Central, 7 AM Mountain, 6 AM Pacific

CAN'T ATTEND?
Order the recorded version and take the seminar online at your convenience (see page 6)

CEUs and Graduate Credit Available
See page 6 for details

Ten Key Benefits of Attending

"Very informative! Great strategies and fantastic presenter!"

1. **Learn Ways to Stimulate and Sustain Student Curiosity**
   Obtain resources and ideas for actively engaging students in science topics and practices, whether you are teaching virtually or face-to-face
2. **Receive Tools and Templates for Helping Learners "Figure Out" Science Phenomena**
   Discover a variety of tools that will allow you to engage students with compelling, relevant, and puzzling phenomena … Practice strategies that will help them to develop explanations, make predictions, and reject misconceptions
3. **Strengthen your Existing Science Program by Delving into the "Practices" of Science**
   Become familiar with valuable tools that will immediately allow you to step aside as "facilitator" while your students ask testable questions, develop explanatory models, design investigations, collect and interpret data, construct explanations, and obtain & communicate information
4. **Discover Research-based Protocols for Helping Learners to Support Their Ideas with Evidence**
   Encourage your students to be active and innovative participants in inquiry-based classroom learning, using strategies to help them to develop and refine high-quality questions and support scientific claims with evidence and reasoning
5. **Learn Techniques for Integrating Science With Other Disciplines Such as Language Arts, Math, Social Studies, and Art**
   Understand how science can serve as a cornerstone for practicing and learning content in all areas … Learn how to provide opportunities for students to see how subjects are interwoven
6. **Receive Time-saving Tips for Finding Valuable Free Resources That Will Bolster your Science Curriculum**
   Receive dozens of ready-to-use ideas and resources that will help you fine-tune what you're already doing to save hours of time spent planning and searching for what works
7. **Explore the BSCS "5E" Model for Immersing Learners in the Process of Science**
   Get the tools you need to guide students through the scientific process, and view multiple examples of how it works
8. **Enhance Existing Lessons and Activities by Incorporating Engineering and Design**
   Encourage creativity and invention with meaningful activities that involve collaboration … Practice and learn simple strategies to engage your students in 21st century learning through exploration, innovation and problem solving – all key skills for future success
9. **Become More Familiar with How to Use Technology in Ways That Will Strengthen Your Students' Understanding of Science**
   Excellent free websites, apps and tools to help your students become actively engaged in the process of science, while also learning more about science careers
10. **Receive an Extensive Digital Resource Handbook**
    Each participant will receive the extensive digital resource handbook designed specifically for this seminar that is filled with dozens of ideas, tools and strategies for strengthening science learning in grades K-6 whether you're teaching in-person or online

Who Should Attend

Educators Serving Grades K-6: Classroom Teachers, Science Specialists, Instructional Coaches, Technology Integration Specialists, Instructional Assistants, and Administrators

Outstanding Strategies You Can Use Immediately

What You Will Learn ...

- Practical tips and strategies for successfully **weaving science into your curriculum in ways that will foster curiosity** and wonder
- Dozens of **useful, classroom-ready ideas and tools to encourage and strengthen science understanding** through challenging and collaborative learning experiences
- Proven methods for **helping children to explore the natural world** and become "citizen scientists"
- **Numerous step-by-step protocols** for transitioning to a more inquiry-focused classroom
- Easy-to-follow strategies for developing **phenomenon-anchored science activities**, lessons, and units
- **Unique approaches** to encourage (and facilitate) the practices of questioning, investigating, modeling, designing, and creating
- Examples of useful applications and tech resources that will **motivate and inspire your students in science**
- **Timesaving prompts for building progressive monitoring assessments** that measure deeper learning
- Detailed guidelines for **integrating the practices of scientific discourse** and explanatory modeling
- **Where to find outstanding resources** for incorporating authentic instructional strategies that model real-world science process skills
- Innovative ideas for enhancing your classroom reading list with **highly recommended science trade books**
- **The newest resources** for fostering and maintaining student interest in science-related careers

"Truly an amazing seminar! Inspirational, informative, and fun. It was a great pleasure to attend!"

Practical Ideas and Strategies

Without question, you have a passion and enthusiasm for teaching, but probably lack the time and resources necessary to research and develop practical science lessons that engage your students, increase their motivation to learn, and do not take a lot of your limited time. In this **NEW**, highly practical and engaging seminar, you will discover an extensive collection of ideas and practical strategies for Grades K-6 Science. You will leave with dozens of classroom tested strategies proven to motivate and encourage learners in scientific discovery and design. These new ideas and valuable resources will enhance science learning whether you're teaching in-person or online.

Throughout the day, **MARGE PORTER**, an exemplary science teacher, presenter and education consultant, will show you how to integrate the BSCS "5E" model, into engaging instructional strategies, how to access free, classroom tested tech tools, and how to create lessons that will motivate students and maximize their learning of science. You will receive a wealth of innovative ideas for including engineering, reading, writing, and math in your science instruction to enhance your students' ability to master essential skills and concepts.

A Message From Seminar Leader, Marge Porter

Uniquely Qualified Instructor

MARJORIE (MARGE) PORTER has extensive experience teaching science and guiding curriculum development. She is a graduate of the rigorous "NGSX" Science Exemplar training program, and conducts professional development seminars in science, both regionally and nationally. She is passionate about the need to involve young children in authentic science investigation, knowing that it is essential to their overall development and eventual career choice. Marge truly enjoys opportunities to work with and support educators in their efforts to encourage science exploration and inquiry in their classrooms. She now specializes in developing STEM and cutting edge science strategies for classroom educators and is committed to the creative use of technology to enhance and support student learning.

Marjorie is the author of *Cutting Edge Tools and Strategies for Teaching Science (Grades K-6)*, the extensive digital resource handbook you will receive at the seminar. You won't want to miss this engaging and highly practical day to learn how to strengthen science learning whether you're teaching in-person or online.

Dear Fellow Educators:

I applaud your passion and enthusiasm for science, a vital component to your already crowded curriculum. Like you, I consider science education to be essential! If you were to challenge your students to find one thing in your classroom unrelated to science, past or present, they would likely be confounded. Science is not only at the heart of our students' well-being but is also a significant part of human culture through the development of language, logic, and problem-solving.

Today's K-6 teachers are on the front lines of an educational movement that is absolutely critical to our health, economy, and security. Schools are expected to take considerable steps toward preparing a workforce that will promote prosperity and innovation. What can we as educators do to:

- Encourage students to protect the natural world and lead healthy lives?
- Prepare them to make logical, evidence-based decisions?
- Help them consider science as a career?
- Recognize science fact when they encounter it?
- Find the time and resources necessary to research and integrate appropriate and engaging science lessons?
- Implement strategies and standards to have the greatest impact on science learning?

I will provide dozens of tools and ideas to help you address these important questions! During my strategy-packed seminar, I will share effective, research-based instructional ideas that are certain to energize and motivate your students. I will also demonstrate practical science teaching strategies, that will make you less of an "instructor" and more of a classroom "facilitator."

My goal during this interactive and dynamic seminar is to help you bolster your science teaching without having to reinvent the wheel. I'm hoping that you will leave feeling empowered to increase your students' science learning whether you're teaching in-person or online.

Sincerely,

Marge Porter

P.S. You will leave this seminar inspired, enthusiastic and ready to infuse **innovative, cutting-edge strategies** into your current science instruction!

'During my strategy-packed seminar, I will share effective, research-based instructional ideas that are certain to energize and motivate your students.'

What Your Colleagues Say About Marge Porter

*"Marge did a great job explaining the **many resources and ideas**! I will be able to implement them in my classroom right away."*

*"Very well organized. **Marge is so knowledgeable about elementary science!** She shared great ways to incorporate ideas into my lesson plans."*

*"Marge was great! **She offered lots of information and made many connections** to helpful resources to use in the classroom."*

*"This seminar **made me think differently about how I teach science** in my classroom. Marge had a lot of great ideas and resources."*

About BER Live Online Seminars

With the current health challenges, all BER in-person PD events are currently being presented in a Live Online format:

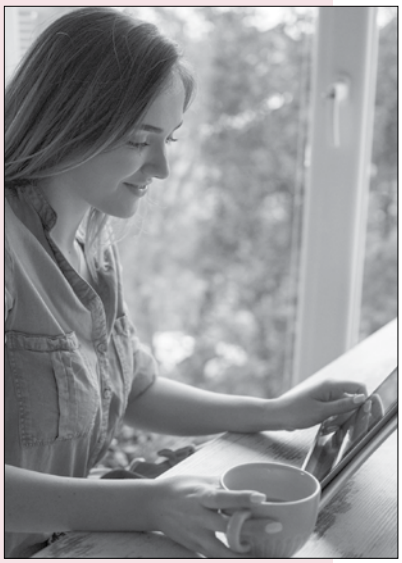
Outstanding Instructors
All programs are led by outstanding BER national trainers

Extensive Resource Handbooks
You'll have access to an extensive digital Resource Handbook before, during and after your seminar

Highly Interactive
You'll be able to ask questions in real time and interact with the instructor and other participants

Program Guarantee
As we have for 43 years, we guarantee the high quality of our programs. If you are not satisfied, we'll give you a 100% refund.

Special Benefits of Attending



"Excellent presentation! I would recommend this professional development to any science teacher, from novice to veteran."

On-Site Training

Most BER seminars can be brought to your school or district in-person or online. See the options at www.ber.org/onsite or call 877-857-8964 to speak to one of our On-Site Training Consultants.

Extensive Digital Resource Handbook

Each participant will receive an extensive digital resource handbook giving you access to countless strategies before, during and after the seminar. The handbook includes:

- Resources to increase student engagement and learning of science whether you are teaching online or in-person
- Numerous free resources, lessons, applications and templates that incorporate 21st Century Learning Competencies: Critical Thinking, Collaboration, Communication, and Creativity
- Research-based tools and strategies that will strengthen science teaching and learning

Share Ideas with Other Educators

This seminar provides a wonderful opportunity for participants to share ideas with other educators interested in cutting edge tools and strategies for teaching science.

Consultation Available

Marge Porter will be available to answer your specific questions and the unique needs of your own grades K-6 science program.

Meet Inservice Requirements / Earn State CEUs

Participants of both the Live Online Seminar and those completing the Recorded Version online can receive a certificate of participation that may be used to verify five continuing education hours. In addition, state CEUs are available for both versions of the course. For details, visit www.ber.org/ceus

Earn One to Four Graduate Semester Credits

BRANDMAN University
CHAPMAN UNIVERSITY SYSTEM

Up to four graduate level professional development credits are available with an additional fee and completion of follow-up practicum activities. Details for direct enrollment with Brandman University, part of the Chapman University system, will be available at this program.

Can't Attend?

Other Professional Development Options:

Recorded Version of the Seminar

This course will be video recorded and available to take online at your convenience. You'll have access to the entire course and to the extensive digital resource handbook. Optional CEUs and graduate credit available.

To enroll, see registration form on page 7.

Related On-Demand Online Courses

Two related On Demand Video-Based Online Learning courses, *Practical Strategies for Using Project-Based Learning to Enhance Your STEM Instruction,* for Grades K-8, and *Best Strategies to Help Your Students Achieve the NEXT GENERATION SCIENCE STANDARDS*, for Grades K-8, are available for immediate registration.

To enroll, visit www.ber.org/online

Cutting Edge Tools and Strategies for Teaching Science (Grades K-6)

Registration (CEP1S1)

- ☐ **1. March 15, 2021** (Start time: 9 AM Eastern)
- ☐ **2. March 16, 2021** (Start time: 9 AM Pacific)
- ☐ **3. April 15, 2021** (Start time: 9 AM Central)
- ☐ **4. April 16, 2021** (Start time: 9 AM Eastern)

—or —

- ☐ **5. I'd like to order the recorded version of this seminar**

FIRST NAME M.I. LAST NAME

POSITION, SUBJECT TAUGHT GRADE LEVEL

SEMINAR NUMBER: _____ (Please see list above)

List additional registrants on a copy of this form

SCHOOL NAME

SCHOOL MAILING ADDRESS

CITY & STATE ZIP CODE

SCHOOL PHONE NUMBER HOME PHONE NUMBER

( ) ( )

Registration confirmations and login details are sent via e-mail

E-MAIL ADDRESS (REQUIRED FOR EACH REGISTRANT)

HOME MAILING ADDRESS

CITY & STATE ZIP CODE

IMPORTANT – PRIORITY ID CODE: ECEP1S1

METHOD OF PAYMENT – Team Discount Available

The registration fee is $279 per person,
for teams of three or more registering at the same time, the fee is $259 per person. **Payment is due prior to the program.** No cash please.

- ☐ A check (payable to **Bureau of Education & Research**) is attached
- ☐ A purchase order is attached, P.O. #_____
  (Be sure to include priority ID code on the P.O.)
- ☐ Charge my: ☐ MasterCard ☐ VISA ☐ Discover

Account # _____ Exp. Date: _____ MO/YR

Billing Zip Code: _____ 3 Digit CVV Code: _____ (Found on back of card)

_____ / _____

Please print name as it appears on card Signature (required for credit card purchases)

FOUR EASY WAYS TO REGISTER:

REGISTER ONLINE at: www.ber.org

FAX this form to: 1-425-453-1134

PHONE toll-free: 1-800-735-3503
(Weekdays 5:30 am - 4 pm Pacific Time)

MAIL this form to: Bureau of Education & Research
915 118th Avenue SE • PO Box 96068
Bellevue, WA 98009-9668

Program Hours

- All Live Online seminars start times are described on the cover
- Check-in 15 minutes prior to the seminar
- Live Online seminars are five hours in length plus breaks
- Registrants will receive login information by email four days before their Live Online seminar

Fee

The registration fee is $279 per person, $259 per person for groups of three or more registering at the same time. Call us at 1-800-735-3503 for groups of ten or more. **Payment is due prior to the program.** Fee includes seminar registration, a certificate of participation and an extensive digital resource handbook. The fee is the same for Live Online Seminars or Recorded Seminars.

Cancellation/Substitutions:

100% of your paid registration fee will be refunded if you can't attend and notify us at least 10 days before the seminar. Late cancellations made prior to the event date will be refunded less a $15 service fee. Substitutions may be made at any time without charge.

Program Guarantee

We stand behind the high quality of our programs by providing the following unconditional guarantee: If you are not satisfied with this program, we'll give you a 100% refund of your registration fee.

Further Questions

Call the Bureau of Education & Research (800) 735-3503 or visit us online at **www.ber.org**. The Bureau is North America's leading presenter of PD training for professional educators. Programs are based on sound research, are highly practical in content and consistently receive excellent evaluations.

CEP1S1

Cutting Edge Tools and Strategies for Teaching Science
(Grades K-6)

An outstanding one-day Live Online Seminar

Includes an extensive Resource Handbook

Can't Attend? A Recorded Version is available to use online at your convenience

CEP1S1

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915 118th Avenue SE
PO Box 96068
Bellevue, WA 98009-9668
www.ber.org

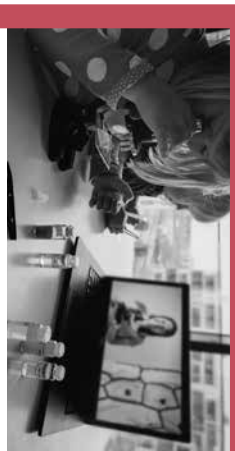
Cutting Edge SCIENCE Tools and Strategies
(Grades K-6)

Practical PD, No Travel

Bureau of Education & Research

Cutting Edge Tools and Strategies for Teaching Science
(Grades K-6)

Live Online Seminar or Recorded Version



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