Bureau of Education & Research

Live Online Seminar or Recorded Version

Using AI Tools to Increase Students' SCIENCE Learning and Enhance Teacher Productivity

(Grades 6-12)

A Unique One-Day Live Online Seminar Presented by

Marquita Blades

Award-Winning Science Teacher, Author and International Presenter

Specifically Designed for Science Educators Serving Grades 6-12: Classroom Teachers, Department Heads, Science Specialists, and Administrators

How to make best use of AI technologies to enhance student engagement and learning in science

Highly practical ways you can **increase your teacher productivity using AI**

How to effectively use state-of-the art AI technologies in your science classroom … Explore and gain hands-on experience

Pitfalls to avoid and solutions to ethical concerns with the use of AI-powered tools and resources in the science classroom

LIVE ONLINE SEMINAR

July 7

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

CEUs and Graduate Credit Available
See page 6 for details

CAN'T ATTEND?

Order the recorded version and take the seminar online at your convenience (see page 6)

"This seminar exceeded my expectations. I have a lot of new tools to enhance what I am already doing in the science classroom."

– JENNIFER GEORGE, SCIENCE TEACHER

Ten Key Benefits of Attending

"I was pleased with the use and display of so many AI-based tools that I can utilize in my classroom and curriculum development."

– SCOTT REGAN, SCIENCE TEACHER

1. **Make Best Use of Artificial Intelligence Tools in Your Science Classroom**

   Essential, practical ways to harness Artificial Intelligence (AI) tools in grades 6-12 science classrooms … Explore the best, most useful AI tools for increasing your students' science learning while increasing your own productivity

2. **Quickly Create Highly Engaging Science Lessons With AI**

   Enhance students' interest and motivation in science with ease by curating content and assessments aligned with your students' needs … Here's how!

3. **Increase Your Productivity and the Efficiency of Your Science Classroom**

   Use AI tools to improve your efficiency with administrative tasks and lesson planning … Regain valuable time to focus on teaching and your science students' learning

4. **Develop Meaningful and Relevant Science Assessments**

   Discover how you can use AI to create and analyze complex science assessments

5. **Foster Student Learning and Feedback**

   Learn how to empower your science students to develop critical thinking and problem-solving skills through the use of AI-powered tools

6. **Strengthen Student Understanding of Scientific Concepts**

   Use AI to create learning experiences and simulations that help students better understand complex scientific concepts

7. **Promote Innovation in Your Secondary Science Program**

   Explore specific ways to integrate cutting-edge AI into your science classroom … Foster greater creativity and innovation in teaching and learning

8. **Avoid and Address Potential Pitfalls and Ethical Concerns**

   AI opens up exciting new opportunities, but can also bring new challenges and concerns … Explore solutions to potential pitfalls and ethical concerns, and ways to promote responsible use of AI among students

9. **Motivate Your Unmotivated Science Students Using AI**

   Learn how to use AI to motivate your unmotivated students … Create scientifically literate learners and foster a love of science that extends beyond the classroom and into everyday life

10. **Receive an Extensive AI in Science Digital Resource Handbook**

    You will receive a highly practical digital resource handbook packed with ideas, strategies and resources for using AI to increase student learning and enhance your productivity

Who Should Attend

Science Educators Serving Grades 6-12: Classroom Teachers, Department Heads, Science Specialists, and Administrators

Outstanding Strategies You Can Use Immediately

What You Will Learn ...

- **The best, most useful AI tools** to enhance your instruction and productivity, and increase your students' science learning
- **Numerous ideas for fostering creativity and innovation** in your science classroom using AI platforms and applications
- **Work smarter, not harder** by leveraging AI to easily create differentiated science lessons, lab investigations, and assessments
- **Practical ways to use AI tools** to develop instructional sequences that strengthen students' connection and proficiency with key scientific concepts
- **How to increase opportunities for students** to engage in scientific inquiry using AI
- **Specific examples of AI prompts** that result in high-quality assessments to gauge student understanding of complex concepts
- **Practical ways to break down more complex science topics** utilizing AI-generated texts and images
- **Innovative ways to ensure students** build scientific literacy, critical thinking, and problem-solving skills using AI
- **Effective ways to use AI to incorporate more real-world application** into your daily science lessons and lab experiences
- **Strategies for using AI to maximize student learning** by creating resources that reflect the interests and needs of your students

"Dr. Blades was an amazing wealth of resources, ideas and knowledge. She shared so many great ideas for using AI tools as part of great science teaching."

– JULIA BEMIS, SCIENCE TEACHER

Practical Ideas and Strategies

This seminar presented by award-winning science teacher **MARQUITA BLADES** is an exciting opportunity for grades 6-12 science educators to explore the latest developments in Artificial Intelligence and their specific applications in science education. Experience hands-on activities, demonstrations, and modeling. Engage with other science educators around the potential of AI technologies and their implications for science education. Discover common pitfalls to avoid and solutions to ethical concerns when using AI-powered tools and resources in the science classroom. Explore how to create engaging and differentiated science lessons, develop meaningful and relevant assessments, foster student innovation and critical thinking, improve classroom efficiency, and much more, using AI-powered tools. **Join Marquita for a highly practical day filled with ways to make best use of AI tools to strengthen your science students' learning, streamline grading and assessments, enhance your instruction, and improve your own productivity.**

A Message From Seminar Leader, Marquita Blades

Uniquely Qualified Instructor

DR. MARQUITA BLADES is an experienced and award-winning secondary science teacher, international speaker, author, and science consultant. She has managed national STEM programs for secondary level students and has served as a curriculum and assessment developer, and professional learning facilitator for numerous school districts. Marquita is passionate about helping fellow secondary science teachers practically and powerfully implement the latest, best technology tools. Marquita is a frequent state, national and international conference presenter who works with educators, schools, districts, and programs on strengthening student learning in science. She is also the author of *Using AI Tools To Increase Students' SCIENCE Learning and Enhance Teacher Productivity (Grades 6-12)*, the extensive digital resource handbook you will receive at the seminar. **Join Marquita for a valuable day filled with cutting-edge Artificial Intelligence tools and resources you can use immediately to inspire, excite, and strengthen student learning in science.**

Dear Colleague:

I know firsthand the unique challenges that come with teaching science in today's ever-changing educational landscape. That's why I'm excited to invite you to attend my seminar.

Based on my years of experience as a science educator, I am so excited about the potential of AI tools to transform the way we teach and to transform how our students learn science. I will provide you with highly practical strategies for incorporating AI tools into your science classroom. You'll have the opportunity to connect with other science educators around this important topic, building a community of support and collaboration that will extend beyond the seminar.

We will explore the latest developments in AI and their specific applications in grades 6-12 science education. You'll learn how to create personalized and engaging science lessons, streamline grading and assessments, and foster student innovation and critical thinking through the use of AI-powered tools. Discover potential pitfalls to avoid, ethical considerations involved in the use of AI, and best practices for promoting responsible and ethical use of AI in science education.

It's my goal to provide you with the tools and knowledge you need to harness the power and potential of AI tools as a secondary science educator. You'll gain new skills and knowledge you can apply immediately to strengthen your students' learning and your work as a science teacher. I look forward to meeting you at the seminar!

Sincerely,

Dr. M Blades

Dr. Marquita S. Blades

P.S. We'll be digging directly into AI platforms, so make sure you come with your best energy! You'll walk away with many practical ideas for using AI right away in your science program.

"It's my goal to provide you with the tools and knowledge you need to harness the power and potential of AI tools as a secondary science educator."

What Your Colleagues Say About Marquita Blades

"This seminar was very well done. ***Dr. Blades is very knowledgeable about AI and was an excellent tour guide,*** *navigating through the AI tools available for Science teachers."*

– Sarah Tupper, Science Teacher

"This was the best PD I've taken in years! ***So many takeaways and 'try now's'!****"*

– Dayna Rodriguez, STEM Teacher

"I felt ***it was valuable that Marquita gave us time to explore the tools that were being shown today.*** *I am someone that learns by doing and finding time during the school day is almost impossible."*

– Hollie Martin, Science Teacher

"This training was amazing. ***So many fantastic tips on how to use AI in the science classroom!****"*

– Sarah Hansen, Science Teacher

"This was the best PD I've ever attended. ***I love how interactive Marquita was with us throughout the entire presentation*** *and how she gave us time to explore the resources."*

– Naomi Vidal, Science Teacher

About BER Seminars

Outstanding Instructors

All programs are led by outstanding, top-rated BER national trainers.

Extensive Digital Resource Handbook

You'll receive an extensive digital Resource Handbook full of practical strategies and resources.

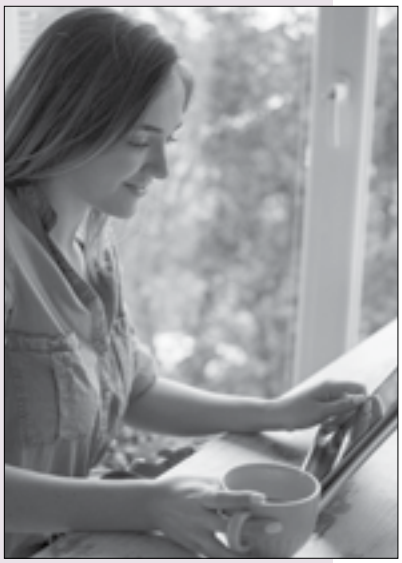
Highly Interactive

You'll be able to ask questions, consult with the instructor, and share ideas with other participants.

Program Guarantee

As we have for 48 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



"Marguita's seminar featured an amazing amount of information and great resources to explore."

– KARLA CURRY, SCIENCE TEACHER

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 AI in Science Digital Resource Handbook

You will receive an extensive digital resource handbook specifically designed for this seminar. Included in the handbook are:

- Sample prompts and strategies for using AI tools to create engaging and personalized science lessons that cater to individual student learning needs
- The latest developments in AI, including emerging technologies, and their implications in the science classroom
- Techniques for leveraging AI to streamline grading and assessments, provide timely feedback and reduce bias
- Best practices for promoting responsible and ethical use of AI in science education, including data privacy, security, and student well-being
- Ways to use AI to automate routine administrative tasks, allowing more time for teaching and student learning
- Strategies to foster student innovation and critical thinking in science using AI-powered tools

Share Ideas With Other Educators

This seminar provides a wonderful opportunity for participants to share ideas with other educators interested in making the best use of AI tools in secondary science classrooms.

Meet Inservice Requirements / Earn State CEUs

Participants of Live Online Seminars and those completing the Recorded Version online can receive a certificate of participation that may be used to verify five continuing education hours. For details about state CEUs available, visit www.ber.org/ceus

Earn One to Four Graduate Semester Credits

University of Massachusetts Global

Up to four graduate-level professional development credits are available with an additional fee and completion of follow up practicum activities. Details may be found at www.ber.org/credit

Can't Attend?

Other Professional Development Options:

Recorded Version of the Seminar

Order the recorded version of this seminar to take online at your convenience. You'll have 90-day access to the entire course and to the extensive digital resource handbook. To enroll, see registration form on page 7, and for optional CEUs and graduate credit, please visit www.ber.org/credit

Related On-Demand Online Courses

A related On-Demand Video-Based Online Learning course, *Help Your Students Master the Next Generation Science Standards: Practical Strategies and the Best, New Tools,* for Grades 6-12, is available for immediate registration. To enroll, visit www.ber.org/online

Using AI Tools to Increase Students' SCIENCE Learning and Enhance Teacher Productivity (Grades 6-12)

Registration (CAY6M1)

☐ **1. July 7, 2026** (Start time: 9 AM Eastern)

—or —

☐ **2. 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: ECAY6M1

METHOD OF PAYMENT – Team Discount Available

The registration fee is $295 per person;
for teams of three or more registering at the same time, the fee is $275 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.)

Cards accepted: MasterCard, VISA, Discover, AMEX

Account # _____ Exp. Date: _____ MO/YR

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

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Please print name as it appears on card

FIVE EASY WAYS TO REGISTER:

SCAN QR code or visit: **at.ber.org/regCAY**

EMAIL this form to: **register@ber.org**

PHONE toll-free: **1-800-735-3503**
(Weekdays 5:30 am - 5:00 pm Pacific Time)

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

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** are scheduled 9:00 AM – 3:30 PM in the time zone indicated. Check in 15 minutes prior. Registrants will be sent login information by email four days before their Live Online Seminar.

Fee

The registration fee is $295 per person; $275 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.

WA residents: visit www.dor.wa.gov/TaxRateLookup to find your required WA sales tax rate.

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**

CAY6M1

Using AI Tools to Increase Students' SCIENCE Learning and Enhance Teacher Productivity (Grades 6-12)

An outstanding one-day Live Online Seminar

Includes an extensive digital Resource Handbook

Can't Attend Live? Order the Recorded Version to access online at your convenience

CAY6M1

BUREAU OF EDUCATION & RESEARCH
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Using AI Tools to Increase SCIENCE Learning

Summer 2026

Bureau of Education & Research

Using AI Tools to Increase Students' SCIENCE Learning and Enhance Teacher Productivity (Grades 6-12)

Summer 2026

Live Online Seminar or Recorded Version

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Presented by

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Award-Winning Science Teacher, Author and International Presenter

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Highly practical ways you can **increase your teacher productivity using AI**

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