Enhancing STEM Learning in Your Classroom (Grades K-6)

NEW Seminar Presented by DR. ALICE CHRISTIE
Award-Winning Educator, Certified Google Teacher and Outstanding National Presenter

Specifically Designed for K-6 Classroom Teachers, Science, Technology and Mathematics Specialists, Instructional Coaches, and Administrators

- Learn the key components to successfully incorporate STEM instruction across all content areas in grades K-6
- Explore step-by-step techniques for creating STEM lessons that fully engage students, empower them to think more deeply and engage them in STEM thinking
- Experience powerful websites, apps and innovations that are shaping the future of effective science, technology, engineering, and math instruction
- Learn dozens of strategies, tips and tools to ensure positive STEM learning outcomes for your elementary students
- Discover innovative, motivating ways to focus on STEM-related skills such as problem-solving, working collaboratively, research, and planning and executing a design process
- Receive an extensive resource handbook filled with a wealth of resources, strategies and ready-to-use tips to successfully enhance STEM instruction in your classroom

2017 SCHEDULE

Arizona
Phoenix – January 20
(Mesa)
AZ Clock Hours Available

California
Anaheim – February 15
Sacramento – January 19
(Elk Grove)

Washington
Seattle – February 16
(Bellevue)
WA Clock Hours Available

“Very engaging seminar. It gave me tons of ideas for my STEM teaching. Thank you Alice!”

– MARJORIE BLETTERY, 4TH GRADE TEACHER
Practical Strategies

In this NEW, highly engaging, interactive seminar, you will learn innovative ways to enhance your STEM instruction by fully engaging students in learning science, technology, engineering, and mathematics. STEM is greater than its individual disciplines. It is the integration of Science, Technology, Engineering and Math education to change the way students think, approach ideas, solve problems, research, and plan and execute a design process. This seminar has been designed to give you a wealth of new ideas for incorporating STEM instruction into your K-6 classroom. During this fast-paced seminar, Dr. Alice Christie, award-winning educator and Google Certified teacher, will show you how to create innovative projects, opportunities for discourse and highly motivating lessons that push students deeper and prepare them to solve problems in ways that work. You'll see how to use student-centered instruction more efficiently to meet the needs of all students, whether they need extensions in critical thinking or need more scaffolding to develop the STEM skills that will enable them to become independent learners. Throughout the day, she will share STEM-rich lesson plans, hands-on student activities and model problem-solving techniques that are ideal for K-6 students. Her emphasis will be on new ways to help your students master rigorous science, technology, engineering, and mathematical skills and concepts, including those aligned with the Next Generation Science Standards.

This seminar is full of NEW, fresh ideas to engage and motivate your students. Whether you are a beginning teacher or a seasoned STEM educator, you will leave this dynamic, empowering seminar with new insights, practical strategies and an extensive resource handbook filled with practical ideas for enhancing STEM learning in your K-6 classroom. Come and discover exciting ways to expand the world of STEM instruction, then watch your K-6 students’ motivation, enthusiasm and confidence for learning soar!

Ten Key Benefits of Attending

1. Discover the Key Components for Enhancing STEM Instruction
   Learn from an experienced elementary educator and national presenter about the essential components of outstanding STEM learning environments in grades K-6 … Practical tips to enhance this powerful approach to teaching and learning

2. Increase Student Engagement and Achievement
   Learn new ways to empower your students by using questioning techniques that probe, engage and enable them to think more deeply … See how to do this in ways that enhance student confidence and increase student learning

3. Increase Student Interaction Time and Challenge Them with Innovative STEM Instructional Techniques
   Promote student confidence by increasing interaction with content, peers and teachers … Challenge your students with innovative and motivating STEM lessons that can increase student achievement

4. Create Learning Environments with “Real World” Impact Projects
   See new techniques to set up manageable group exploration and real-world impact projects that give students the chance to practice and master key STEM skills and processes … Discover dozens of highly motivating, grades K-6 activities that mirror how real professionals solve problems and collaborate

5. Meet Your Students on Their Terms and Through Their Media
   Many students today are highly skilled in using technology and they learn best by using the tools they love to use … Discover cutting-edge technology techniques to get students fully involved in learning science, engineering and mathematics

6. Extend Learning Beyond the Walls of Your Classroom
   With school budgets dwindling, virtual field trips and exploration are great alternatives to physically leaving your classroom … Learn numerous interactive websites where students can control variables, predict outcomes and check their predictions

7. Engage Your Students in Student-Centered Inquiry
   Learn new, highly effective ways to engage your students in motivating, project-based learning that will positively influence their performance on high-stakes testing, including those associated with the Next Generation Science Standards … See the results from applying the K-6 Engineering Framework on learning outcomes

8. Tap into Highly Effective Technology to Anchor Core Elements of STEM Instruction
   Learn how to best support STEM learning by using free and low-cost web-based programs, gaming and simulation tools … Support student learning with highly effective NASA and NSF resources as well as outstanding tools to manage student learning

9. Use STEM Lessons to Meet the Needs of All Your Students
   See how to use the principles of Universal Design to reach and teach each of your students in science, technology, engineering, and math … From students who need to be challenged to those who struggle with learning, here are new ideas for designing your STEM instruction to maximize each student’s success in your K-6 classroom

    Each participant will receive a comprehensive resource handbook filled with practical ideas, apps, websites, and valuable strategies for creating, finding and managing STEM lessons for grades K-6 … Dozens of practical ideas and highly effective resources that will enhance your STEM instruction!
Outstanding Strategies You Can Use Immediately

➤ How to successfully enhance your STEM classroom for all students in grades K-6

➤ Practical tips and tools for using technology to create highly motivating STEM learning experiences for your students

➤ Strategies to design student-centered STEM lessons with highly effective apps and other tech tools to meet the needs of ALL your students

➤ Step-by-step techniques for enhancing STEM lessons to effectively teach rigorous thinking skills and concepts

➤ Proven techniques for aligning STEM instruction with the K-6 Engineering Framework and the Next Generation Science Standards

➤ Specific ways to increase the level of success for every student in learning STEM concepts

➤ Low-cost and no-cost ideas to expand STEM instruction in ways that will amaze you and fully motivate your students

➤ Practical, effective, proven strategies to create better student engagement in learning science, technology, engineering, and mathematics

➤ What’s new in educational technology, including apps and outstanding open-source software that are ideal for differentiated learning in a STEM classroom

➤ Creative ways to teach and reinforce essential STEM vocabulary using technology, environmental design and multisensory learning strategies

➤ Have unlimited access to Dr. Christie’s website, a dynamic resource for educators

➤ A wealth of ideas and ready-to-use tools for enhancing STEM instruction in your classroom in ways that will make your instruction come alive!

“This is the best STEM seminar I have attended. It’s the real deal. The content and hands-on activities is a great combination.”

– JANICE BARGAMIAN, TEACHER

To Register, Call Toll-Free

1-800-735-3503
A Message
From Your
Seminar Leader,
Dr. Alice Christie

Dear Colleague:

Technology is pervasive in almost every aspect of daily life and as the workplace changes, STEM knowledge and skills grow in importance. With this in mind, I look forward to welcoming you to this NEW seminar and a day that will be filled with a wealth of outstanding ideas and practical, ready-to-use strategies to enhance STEM instruction in your own K-6 classrooms. Specifically designed for teachers interested in expanding STEM lessons in science, technology, engineering, and mathematics, our day will focus on highly effective tools and techniques, a wealth of resources and the most efficient strategies designed to increase thinking and problem-solving skills in your K-6 students.

According to the National Science Foundation, to succeed in this information-based, highly technological society, students need to develop their capabilities in STEM to levels much beyond what was considered acceptable in the past. Helping under-represented populations such as females and minorities pursue STEM careers is an additional challenge. This seminar is designed to specifically help those teachers and administrators who wish to integrate STEM instruction, processes and principles into their schools and classrooms. It provides numerous instructional strategies and resources for teachers wishing to create more STEM-centric classrooms that:

• Foster active, participatory learning
• Increase student engagement in the learning process
• Create exciting, empowering, exploratory, student-centered, problem-solving environments

Join me for this fast-paced, idea-packed seminar. Come and experience the same joy of learning that your students will feel when they use their STEM thinking to solve real-world problems. I’ll share dozens of ways that you can ignite your students’ love of learning across all curricular areas by using the instructional strategies and resources shared during this seminar.

I look forward to sharing a valuable day with you!

Sincerely,

Dr. Alice Christie

P.S. You’ll leave this seminar inspired, enthusiastic and ready to infuse new, innovative STEM techniques into your instructional approaches. In addition, you will have a valuable toolkit full of practical, ready-to-use, engaging, and innovative ideas to use immediately in your own K-6 classrooms. To get the most out of this seminar, please bring your fully charged mobile device.
What Your Colleagues Say About Dr. Alice Christie

“Excellent! Fun! Engaging! Thank you!”
– Katie Neubauer, 2/3 Multiage Teacher

“Thank you for the abundance of STEM related resources!”
– Anca Wilson, Principal

“I loved all the hands-on activities, as well as all the opportunity to discuss and share ideas with other teachers!”
– Kelly Milliren, 2nd Grade Teacher

“Valuable ideas and resources! Wonderful application and uses for my own classroom!”
– Anna Heimberger, Science Teacher

“This seminar re-energized my commitment to STEM learning!”
– Tanosha Hannah, 5th Grade Teacher

“I enjoyed Dr. Christie’s style and energy. I feel motivated to take my school closer to problem-based learning!”
– Suzanne Siko, Middle School Teacher

“Great ideas and passion! I can’t wait to try these ideas immediately.”
– Loni Knosiak, 3rd Grade Teacher

“An abundance of resources were provided. The stations to interact with and communicate with other participants were great!”
– Kelly Camm, Curriculum Supervisor

“Excellent seminar! Very engaging and educational!”
– Sherry Hoff, 1st Grade Teacher

“I enjoyed the strategies modeled and the use of everyday items to encourage creativity and thought in my classroom.”
– Cheryl Masters, Science Teacher

“Very thorough seminar! Engaging, entertaining and informative!”
– Robyn Williams, 5th Grade Teacher

“It was a great seminar! I came away with several ideas I can use in my classroom tomorrow!”
– Carol Suwara, Kindergarten Teacher

“I enjoyed how Dr. Christie demonstrated STEM models throughout the seminar. She provided information about the state of STEM in our country and shared great suggestions about where to take it. I look forward to using the resources in the handbook.”
– Brian Flanagan, 5th Grade Teacher

“I thoroughly enjoyed this seminar! Thank you for the wonderful opportunity to gain many resources and meet other colleagues!”
– Barbara Bromley, 4th Grade Math and Science Teacher

Uniquely Qualified Instructor

Dr. Alice Christie, is an experienced, award-winning educator and one of 500 Google Certified Teachers worldwide. She has over forty-five years of experience as an educator, has received numerous awards for teaching excellence, possesses vast knowledge of how to integrate science, technology, engineering, and mathematics into teaching and learning, and maintains an internationally acclaimed website that receives 2.5 million visits annually.

She is the author of numerous articles on the effective use of technology in education, and the author of Enhancing STEM Learning in Your Classroom (Grades K-6), the resource handbook each participant will receive at the seminar. Dr. Christie's humor, high energy, ability to inspire teachers, and deep understanding of the learning process make her an indispensable seminar facilitator for those seeking to integrate science, technology, engineering, and mathematics into their teaching as well as improve instructional strategies and enhance student learning. Dr. Christie's seminars are enlightening, empowering and packed with practical, teacher-friendly ways to integrate technology into today's elementary classrooms. They are proven to engage, challenge and invigorate participating educators.
Special Benefits of Attending

Extensive Resource Handbook
Each participant will receive an extensive resource handbook specifically designed for this seminar. The handbook includes:

- Step-by-step instructions for successfully enhancing STEM instruction for science, technology, engineering, and mathematics in grades K-6
- A wealth of innovative, engaging, accessible apps and outstanding tech tools to fully support STEM instruction in your K-6 classrooms
- Practical ideas for accessing powerful websites and proven innovations that are shaping the future of effective STEM learning, helping your students meet rigorous content and practice standards, including those aligned with the Next Generation Science Standards and the K-6 Engineering Framework
- Timesaving tips, strategies and tools to meet the needs of all your students in STEM by using the best technology tools to manage your instruction
- Unlimited access to Dr. Christie’s award-winning website

Meet and Share
This seminar provides a wonderful opportunity for participants to meet and share ideas with other K-6 educators interested in enhancing their STEM-infused instruction.

Consultation Available
Dr. Alice Christie will be available at the seminar for consultation regarding your questions and the unique needs of your own STEM instruction.

Semester Credit Option
Graduate level elective credit is available with an additional fee and completion of a follow-up practicum project. Details for direct enrollment with Brandman University, part of the Chapman University system, will be available at the seminar.

Meet Inservice Requirements
At the end of the program, each attendee will receive a certificate of participation that may be used to verify hours of participation in meeting continuing education requirements.

Can’t Attend?
Other Professional Development Options:

Convenient Online Courses
BER offers educators a wide range of online courses that are affordable, fun, fast, and convenient. BER is now offering On Demand Video-Based courses as well as Scheduled Instructor-Led courses. You also may earn optional graduate-level credits for most courses. See the catalog of available courses at www.ber.org/onlinelearning.
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.

Who Should Attend
K-6 Classroom Teachers, Science, Technology, and Mathematics Specialists, Instructional Coaches, and Administrators.

Program Hours
All seminars are scheduled 8:30 a.m. - 3:15 p.m.
Check-in 8:00 a.m. - 8:30 a.m.

Fee
The registration fee is $245 per person, $225 per person for groups of five 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. No cash please. Fee includes seminar registration, morning coffee and tea, a personalized certificate of participation, and an extensive resource handbook.

Cancellations/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 can exchange for a certificate to attend another seminar or will be refunded less a $15 service fee. Substitutions may be made anytime without charge.

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 seminar training for professional educators. Programs are based on sound research, are highly practical in content and consistently receive excellent evaluations.

Meeting Sites and Hotel Accommodations
Seminars will be held at the following sites:
- Anaheim: Red Lion, (714) 750-2801
- Phoenix: Windemere – Mesa, (480) 985-3600
- Sacramento: Holiday Inn Express & Suites East – Elk Grove, (916) 478-9000
- Seattle: Residence Inn – Bellevue, (425) 637-8500
If needed, please make your own hotel reservations by calling the appropriate hotel listed above.

Possible Funding Sources
Elementary and Secondary Education Act funds, including Title I School Improvement grants; Title VI; Title VII; Restructuring grants; At-Risk grants, Bilingual/ESL and Migrant Education funds; IDEA; Demonstration School funds; Parent Teacher Organizations; and Inservice Training funds.

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.
Enhancing STEM Learning in Your Classroom (Grades K-6)

Registration (CSC7W2)

☐ 1. Anaheim, CA – February 15, 2017
☐ 2. Phoenix (Mesa), AZ – January 20, 2017
☐ 3. Sacramento (Elk Grove), CA – January 19, 2017
☐ 4. Seattle (Bellevue), WA – February 16, 2017

FIRST NAME     M.I.     LAST NAME

POSITION, SUBJECT TAUGHT     GRADE LEVEL

SEMINAR LOCATION 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 are sent via e-mail. If you would like a confirmation, please provide your e-mail address.

E-MAIL ADDRESS

HOME MAILING ADDRESS

CITY & STATE     ZIP CODE

IMPORTANT: PRIORITY ID CODE  ECSC7W2

METHOD OF PAYMENT

The registration fee is $245 per person, for groups of five or more registering at the same time, the fee is $225 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: ________/______

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)