

Workshop Title	Description	ESC Works #	Date(s)	Registration Link
FUSE	<p>This two-day professional development session will benefit both new and veteran science teachers. We will delve into five impact areas of a successful science classroom: structures for learning, science aligned content, science teacher practices, student practices, and assessment and differentiation. Expect to leave the sessions with real-world analysis of student work, observe three-dimensional science instruction, strategies for increasing student discourse and leveraging modeling to increase classroom engagement based on strategies found in science high-quality instructional materials.</p>	55009 6	June 4 - June 5	FUSE
OUR: The Power of Questions	<p>Great questions ignite curiosity, drive inquiry, and deepen understanding—but crafting and using them effectively is a skill that takes practice. Join us for a powerful professional development session focused on developing strategic questioning techniques that transform science instruction.</p> <p>During this interactive day of learning, K-12 educators will explore how to use questions to guide investigations, promote critical thinking, and support productive student discourse. We'll dive into questioning strategies that align with all levels of Depth of Knowledge (DOK), from sparking initial engagement to challenging students to analyze, evaluate, and create.</p> <p>Participants will practice designing questions that scaffold learning, uncover student thinking, and push beyond surface-level answers. You'll leave with ready-to-use strategies and a fresh perspective on how intentional questioning can build a culture of inquiry, boost student confidence, and foster deeper connections to scientific concepts. Whether you're looking to refine your questioning practice or discover new approaches, this session offers practical</p>	55010 2	June 6	Power of Questions

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	insights and collaborative opportunities to take your science teaching to the next level.			
Project Caves	Explore the caves of the Ozarks.....more details to come		June 12	
K-5 Curriculum Cohort	Embark on a team building educational journey at our dynamic workshop, immersing yourself in curriculum planning that is tailored to heighten the rigor of your instruction to meet the rigor of the ATLAS assessment! Using the performance level descriptors (PLDs), NGSS evidence statements, and the ATLAS blueprints as a guide, participants will delve into the art of crafting visionary plans, sculpting and reshaping pacing guides, constructing CFAs, and dissecting data with precision to meet the needs of our students in our upcoming academic year. Get ready to revolutionize your teaching approach and elevate your classroom impact in an atmosphere filled with innovation and shared expertise.	55010 9	June 16 - June 17	K-5 Cohort
Sensemaking in Biology	Get ready to dive into a bio-extravaganza designed exclusively for biology teachers! Join our workshop tailored for the champions of life sciences, where we'll embark on an adventure into student-centered instruction. Discover the magic of leveraging phenomena right at the start of a biology storyline – the ultimate ignition switch for student interest! We're not just teaching biology; we're orchestrating a symphony of engagement, guiding students through a mesmerizing sequence of sensemaking. Let the bio-fun begin!	55011 1	June 18	Sensemaking in Biology
6-8 Curriculum Cohort	This PD is designed to provide 6-8 science educators with tools and protected time to develop high quality instructional plans for the upcoming school year. During this time, you will embark on a team building educational journey while immersing yourself in curriculum planning that is tailored to heighten the rigor of your instruction to meet the rigor	55011 9	June 19 - June 20	6-8 Curriculum Cohort

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	<p>of the ATLAS assessment! Using the performance level descriptors (PLDs), NGSS evidence statements, and the ATLAS blueprints as a guide, participants will delve into the art of crafting visionary plans, sculpting and reshaping pacing guides, constructing CFAs, and dissecting data with precision to meet the needs of our students in our upcoming academic year. Get ready to revolutionize your teaching approach and elevate your classroom impact in an atmosphere filled with innovation and shared expertise.</p>			
<p>OUR Unlocking Student Potential: ATLAS PLDs and DOK in Action</p>	<p>This training is designed for content area teachers grades 3-10 seeking to improve student learning outcomes by integrating the ATLAS Performance Level Descriptors (PLDs) and Depth of Knowledge (DOK). Participants will learn to align instruction by gaining skills in interpreting and applying ATLAS PLDs to assess student mastery and develop strategies to integrate PLDs and DOK into curriculum, instruction, and assessment. Participants will need to bring a laptop, a lesson from their curriculum, and ensure they have access to their ATLAS student data.</p>	<p>55010 6</p>	<p>June 24</p>	<p>PLDs</p>
<p>Transforming the Traditional Science Fair</p>	<p>Are you ready to reimagine the traditional science fair experience for grades 3-8? Join us for an engaging professional development session where educators across our co-op region will collaborate to transform our longstanding science fair into an innovative STEM fair. Together, we'll explore fresh approaches that move beyond tri-fold boards and isolated experiments—fostering authentic, hands-on learning experiences that challenge students to apply science, technology, engineering, and mathematics to solve real-world problems.</p>	<p>55012 2</p>	<p>June 25</p>	<p>Transforming Science Fair</p>
<p>9-12 Curriculum Cohort</p>	<p>This PD is designed to provide 9-12 science educators with the tools and protected time to develop high quality instructional plans for the upcoming</p>	<p>55014 1</p>	<p>June 26 - June 27</p>	<p>9-12 Curriculum Cohort</p>

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	<p>school year. During this time, you will embark on a team building educational journey while immersing yourself in curriculum planning that is tailored to heighten the rigor of your instruction to meet the rigor of the ATLAS assessment! Using the performance level descriptors (PLDs), NGSS evidence statements, and the ATLAS blueprints as a guide, participants will delve into the art of crafting visionary plans, sculpting and reshaping pacing guides, constructing CFAs, and dissecting data with precision to meet the needs of our students in our upcoming academic year. Get ready to revolutionize your teaching approach and elevate your classroom impact in an atmosphere filled with innovation and shared expertise.</p>			
<p>Three-Dimensional Mastery</p>	<p>Get ready to embark on an exciting journey into the world of three-dimensional science education! Calling all K-12 science teachers and instructional leaders - join us for an introductory workshop that's anything but ordinary. Dive into the Arkansas K-12 science standards and learn what it means to teach three-dimensionally. Discover the magic behind each of the three components of the standards, unlocking the secrets to shifting from direct instruction to sensemaking around scientific phenomenon, creating an inquiry-based science classroom.</p>	<p>55012 4</p>	<p>July 2</p>	<p>Three Dimensional Mastery</p>
<p>Phenomenal Teaching: Unleashing Wonder in the Science Classroom</p>	<p>Get ready for an electrifying workshop that catapults K-12 teachers into the world of scientific wonders! Say goodbye to disengaged students and hello to the power of phenomena. Brace yourselves as we unravel the secrets of sparking student curiosity and unleashing student-driven questions! In this workshop, we're not just talking about science – we're diving headfirst into the Science and Engineering Practices and Cross-Cutting Concepts. It's time to turn learning into a wild adventure, connecting the dots between</p>	<p>55012 8</p>	<p>July 3</p>	<p>Phenomenal Teaching: Unleashing Wonder</p>

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	fundamental content and student engagement.			
Sensemaking in Biology	Get ready to dive into a bio-extravaganza designed exclusively for biology teachers! Join our workshop tailored for the champions of life sciences, where we'll embark on an adventure into student-centered instruction. Discover the magic of leveraging phenomena right at the start of a biology storyline – the ultimate ignition switch for student interest! We're not just teaching biology; we're orchestrating a symphony of engagement, guiding students through a mesmerizing sequence of sensemaking. Let the bio-fun begin!	55011 4	July 23	Sensemaking in Biology
Assessment Alchemy	Get ready to embark on an assessment adventure like never before! Join our workshop, where we'll turn the mundane into the extraordinary by exploring assessments as the drivers of student learning. From classroom-level formative assessments to the ATLAS summative assessment, we'll unravel the secrets of utilizing data like never before. Get ready to elevate your assessments, discover the power of data, and delve into examples of 3D assessment items.	55013 4	July 24 - July 25	Assessment Alchemy
FUSE	This two-day professional development session will benefit both new and veteran science teachers. We will delve into five impact areas of a successful science classroom: structures for learning, science aligned content, science teacher practices, student practices, and assessment and differentiation. Expect to leave the sessions with real-world analysis of student work, observe three-dimensional science instruction, strategies for increasing student discourse and leveraging modeling to increase classroom engagement based on strategies found in science high-quality instructional materials.	55009 8	July 28 - July 29	FUSE

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<p>Micro to Macro: Physical Science & Chemistry</p>	<p>Embark on an exhilarating exploration of the fusion between Physical Science and Chemistry in Arkansas! Join us for an adventure where we unravel the mysteries of domain integration, dissect shared standards, and decode the magic behind the enigmatic "partially addressed." Participants will participate in a Physical Science/Chemistry investigation that not only aligns with Arkansas science standards but transforms the classroom into a dynamic arena of discovery! As we delve into the intricacies of instruction and sample scope and sequence support documents, you'll reflect on innovative ways to apply these insights within your course. Join us on this thrilling odyssey and revolutionize your classroom dynamics!</p>	<p>550139</p>	<p>July 30</p>	<p>Micro to Macro: Physical Science & Chemistry</p>
<p>OUR: The Power of Questions</p>	<p>Great questions ignite curiosity, drive inquiry, and deepen understanding—but crafting and using them effectively is a skill that takes practice. Join us for a powerful professional development session focused on developing strategic questioning techniques that transform science instruction. During this interactive day of learning, K-12 educators will explore how to use questions to guide investigations, promote critical thinking, and support productive student discourse. We'll dive into questioning strategies that align with all levels of Depth of Knowledge (DOK), from sparking initial engagement to challenging students to analyze, evaluate, and create. Participants will practice designing questions that scaffold learning, uncover student thinking, and push beyond surface-level answers. You'll leave with ready-to-use strategies and a fresh perspective on how intentional questioning can build a culture of inquiry, boost student confidence, and foster deeper connections to scientific concepts. Whether you're looking to refine your</p>	<p>550103</p>	<p>July 31</p>	<p>Power of Questions</p>

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	questioning practice or discover new approaches, this session offers practical insights and collaborative opportunities to take your science teaching to the next level.			