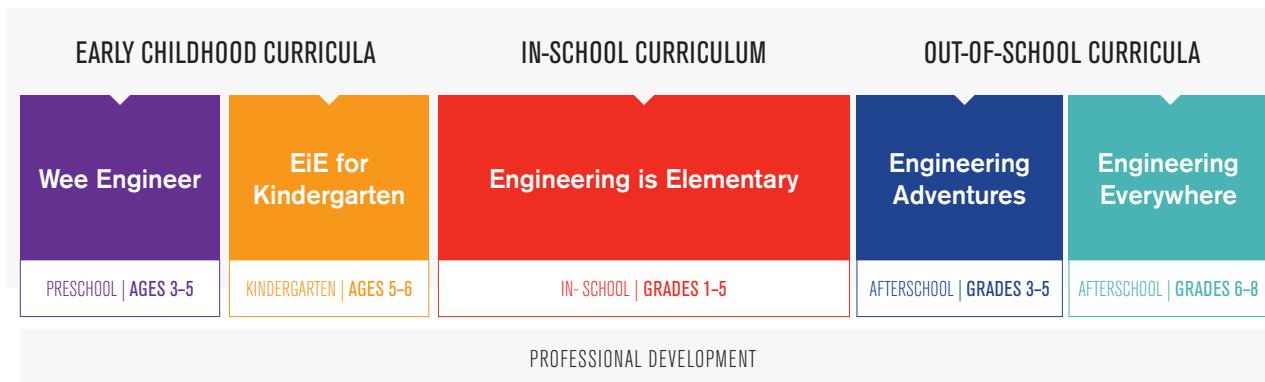




Product Overview



THE NATION'S LEADING ENGINEERING CURRICULUM FOR GRADES PREK–8



Wee Engineer® (PRESCHOOL/PRE-K)

Wee Engineer channels preschoolers' natural curiosity and creativity into structured problem solving. Designed as the first preschool engineering curriculum, Wee Engineer sets young learners up for success in school and life. Four hands-on engineering challenges ease learners into the worlds of science and technology as they practice social, fine motor, cognitive, and language skills. They'll learn that there's more than one way to solve a problem, and that it's okay to fail and try again. With Wee Engineer, show children that anyone, even the youngest learners, can engineer.

EiE® for Kindergarten (KINDERGARTEN)

EiE for Kindergarten inspires young learners to embrace the field of engineering before stereotypes about "who can engineer" take hold. This teacher-tested curriculum introduces engineering and the engineering design process in engaging and accessible ways for all young learners and educators. Two hands-on units align to kindergarten engineering performance expectations and connect with other subject areas to prepare children for success in later grades. Young learners are invited to practice the 21st century skills they are already developing in social, emotional, physical, cognitive, and language domains.

Engineering is Elementary® (GRADES 1–5 IN-SCHOOL)

Engineering is Elementary empowers elementary students to become innovative problem solvers who think creatively as they identify and solve challenges in a real-world context. Twenty standards-aligned, teacher-tested engineering units build a foundation for STEM learning. Each hands-on unit is anchored in your science curriculum and designed to engage learners in ways that align with their learning style. With Engineering is Elementary, all students—including English learners, students who receive special education services, and those who have not flourished in traditional academic settings—can work together to find creative solutions and discover their inner engineer.

Engineering Adventures® (GRADES 3-5 AFTERSCHOOL/OUT-OF-SCHOOL)

Engineering Adventures engages learners in grades 3-5 in fun, creative problem solving. Ten hands-on units are low-cost and flexible to meet the time and budget constraints of out-of-school settings, including afterschool and summer camp. Each unit centers on meaningful, open-ended problems with a global context. Learners find out more about the role engineering plays in their lives and the world around them as they're introduced to real engineering challenges and asked to design solutions with an engineering design process. Throughout each unit, kids learn to collaborate, communicate, solve problems, and share their solutions with their peers.

Engineering Everywhere® (GRADES 6-8 AFTERSCHOOL/OUT-OF-SCHOOL)

Engineering Everywhere inspires learners in grades 6-8 to shape the world around them. Our twelve hands-on units were tested in afterschool, summer camp, and out-of-school settings, and they are proven to engage learners in innovative problem solving. Each unit begins with a Special Report video, which sets the context for the engineering design challenge and explores problems like food scarcity, prosthetics, and disease control. As learners work through our design challenges, they'll sharpen 21st century skills like critical thinking, teamwork, and communication, preparing them for success in school and in life.

PROFESSIONAL DEVELOPMENT

Empower innovation in the classroom in our learner-centered workshops. Educators learn the skills they need to foster student-centered, inquiry-based learning, while enhancing their knowledge of engineering content. Select from our existing Train-the-Trainer, Teacher Training, and Online PD workshops, or let us customize a professional development program that is tailored to your specific needs. Learn more at eie.org/pd.

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