



Unlock the Future: Why Idaho Educators Should Embrace the Transformative PreK-12 Engineering byDesign™ (EbD™) Curriculum

Engineering byDesign[™] (EbD)[™] is founded on the principle that students' untapped ingenuity holds immense potential for shaping the future of technology and innovation. EbD[™] immerses students in authentic problemand project-based learning environments, not only teaching essential concepts and principles but also preparing students for future STEM careers. Through its STEM framework, EbD[™] incorporates STEM disciplines along with English Language Arts, equipping students with the skills and understanding needed to navigate and address the complexities of tomorrow's world.

- **Cost-Effective Resource:** As part of the ITEEA's Consortium, Idaho teachers have **free** access to a high-quality curriculum that can enhance their teaching and benefit their students without additional costs.
- **Comprehensive STEM Education:** EbD[™] offers a robust, standards-based curriculum that covers essential STEM concepts from Preschool through 12th grade, ensuring students are well-prepared for future academic and career opportunities. View Preschool-12th grade course descriptions.
- Engaging and Hands-On Learning: The curriculum emphasizes problem- and project-based learning, making STEM subjects more engaging and relevant to students. This hands-on approach helps students develop critical- thinking, creativity, and problem-solving skills.
- Future-Ready Skills: By using EbD[™], teachers can help students develop the skills needed for the 21st century workforce, including collaboration, communication, and technological literacy.
- **Community and Industry Connections:** The curriculum fosters partnerships with local industries and communities, providing students with real-world experiences and potential career pathways in STEM fields.
- **Positive Impact on Student Outcomes:** Schools that have implemented EbD[™] have reported improved student engagement, higher test scores, and increased interest in STEM careers.

Accessing the Free Curriculum

As an educator in an Engineering byDesign (EbD[™]) Consortium State, you have exclusive, FREE access to our PK-12th grade standards-based Engineering byDesign standard edition curriculum. Just log in to your ITEEA account before checkout. <u>Click here for more details</u>. Don't have a FREE ITEEA account? No worries! <u>Click here to register</u> and join the community.

Once you have an account and you're logged in, simply complete the short linked form below to confirm your details and complete the checkout process. You'll receive an email confirmation, and then you can dive into all the amazing standard edition curricula available on your state page.

Access Form for EbD[™] Standard Editions

By leveraging the Engineering byDesign™ curriculum, Idaho teachers can provide their students with a dynamic and effective STEM education, ensuring they are well-prepared for future success. Let's make the most of this valuable resource and continue to inspire the next generation of innovators and problem solvers.

iteea.org/stem-center