

ABCs of On-Site Solar Fact Sheet: Curriculum

Partnering with Secure Futures means **providing cutting-edge curriculum, reducing your school's carbon footprint, and giving your students a competitive edge.**

ON-SITE SOLAR + MODEL CURRICULA = 1 INCREDIBLE LEARNING OPPORTUNITY

At all education levels, on-site solar arrays provide exciting, hands-on experiences with endless teaching potential.

With solar equipment installed on site, students, faculty, and researchers gain a tangible connection to the hardware and can monitor the energy production and other data via Secure Futures Adaptive Monitoring System. Students can calculate what work the school's solar energy can do and even track the impact of weather on power production.

The NEED Program

With our partner, The National Energy Education Development Project (NEED), Secure Futures will provide standards-based solar curricula, including teacher-tested materials, evaluation techniques and tools, and professional development for educators. NEED solar kits and training programs provide objective, comprehensive information about the scientific concepts of energy and many sources of energy today — their uses and their impacts on the environment, the economy, and society.



Preparing our Future Workforce

Career and Technical Education (CTE) students can gain valuable workforce training in what is now the world's fastest-growing energy source and one of the top sources of new jobs in Virginia and the USA. The panels, inverters, wiring, and software provide stimulating raw material for teaching budding electricians, engineers, software developers, business innovators, and environmental entrepreneurs.

“We know the students want this. We want to give them all the tools they need for their education, and this is a valuable one.”

Lindsay Snoddy, *Environmental Compliance Manager, Albemarle County Public Schools*



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