About Thinking Bigger

Partnership between the CAIU and Phoenix Contact to build a program that connects community businesses and local school districts in educating 4th grade students on renewable energy and careers in engineering and science.

Program Features:

- A supplemental curriculum, aligned to STEELS and PA Career Ready Standards with cross-curricular opportunities.
- Tasks engaging students in industry-based work, partnering with local industry representatives.
- Resources for families to engage in conversation about renewable energy.
- Training and support for classroom teachers and program business partners.

Curriculum Notes:

- Designed for flexibility in delivery and teaching – across multiple schedules and disciplines if needed.
- Provides guided notes and recommended scripts for teachers and business leaders but can be personalized for each classroom and teacher.
- Materials provided exceed the needs for one full course delivery—save materials for the next delivery schedule.



THINKING BIGGER

Curriculum for Engineering Design and Renewable Energy

Unit 1: All About Engineering

Unit 2: Wind Energy

Unit 3: Solar Energy

Unit 4: Making Community Connections

Provided by the Capital Area Intermediate Unit

caiu
Capital Area Intermediate Unit

As a special project of Phoenix Contact, USA

PHOENIX CONTACT