

# Energy Education Offerings

## K-12 Outreach

- **What:** Active, place-based, and culturally responsive clean energy lessons; custom clean energy camps
- **Who:** K-12 students in Alaska
- **Where:** State-wide, in-person and virtual
- **Duration:** From one-time lessons to semester-long projects, dependent on availability
- **Program Examples:**
  - Lessons taught using curricula from [AK EnergySmart \(akenergysmart.org\)](http://akenergysmart.org), [Wind Wise](#), and [NEED](#)
  - Multi-year [Weather station](#) loans for place based, student-led research projects
  - Semester-long energy efficiency and engineering design challenges
  - Hands-on activities including classroom energy-use assessments, model wind turbine blade construction, model solar panel activities, and more

## Educator Trainings

- **What:** Introduction to free curricula and practice of hands-on lessons
- **Who:** K-12 teachers and informal educators (including parents)
- **Where:** State-wide, in-person and virtual
- **Duration:** From 30-minute presentations to two-day trainings
- **Examples:**
  - Conferences
  - In-service presentations
  - Online teacher trainings
- **Benefits:**
  - Longer trainings provide continuing education credit for recertification and step promotions
  - All trainings include supplies that teachers can keep
  - In-person trainings include tours of local projects and local guest speakers
  - Virtual trainings include expert guest speakers



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## Adult Education

- **What:** Clean energy presentations from basic overviews to in-depth examinations
- **Who:** Anyone, including community leaders, business owners, professionals
- **Where:** Anywhere, including conferences, public and community events, and webinars
- **Duration:** From 30-minute presentations to intensive workshops and conferences, dependent on availability
- **Examples:**
  - Hands-on workshops on energy efficiency and conservation
  - Presentations and tables at community events
  - [Energy Speaker Series](#)



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## Educator Kits

- **What:** Hands-on clean energy supplies for use in K-12 classrooms, including lesson plans
- **Who:** K-12 teachers and informal educators
- **Where:** Statewide
- **Examples:** Kits for wind energy engineering, solar circuitry design, energy efficiency exploration, classroom sets of Alaska energy specific print resources, and flash drives with curriculum