

K-12 STEAM Projects & Activities

STEAM - Science, Technology, Engineering, Art & Math

Sun Prints & Sun Print Greeting Card Kits



Sun print paper, also called Nature Print Paper, is available at Blick Art Materials, 7829 Dodge Street in Omaha. Nature Print Paper and Nature Print Kits are also available at the company's website and other online art and hobby supplies stores. Blank greeting cards and envelopes are sold at most hobby stores.

For M.O.R.E. Nature Nights at Omaha Public Schools, Nebraska Solar Schools volunteers used the small paper in the Nature Print Kit, which comes with 80 sheets of sun-sensitive paper and 6 transparencies with several images on each one. The paper is just the right size to glue to the front of small blank greeting cards.

Below are three websites for students, teachers and parents, followed by links to examples of individual renewable energy projects and activities.

- [Energy Star Kids](#)
- [Energy Kids](#)
- [Energy Kids – Teachers Guide](#)

Examples of K-12 Renewable Energy Projects & Activities

Most of the projects can be completed in an hour or two, while several require more time. Sources: Nebraska Solar Schools, KidWind, Florida Solar Education Center, U.S. Department of Energy, Department of Energy's National Renewable Energy Laboratory (NREL), and Solar Energy International. If you print and share the projects and activities outside your classroom, please credit the source and provide the link.

Kindergarten – Second Grade

- [*Sun Prints: See M.O.R.E. Nature Nights above.*](#)
- [*Sun & Me Poster*](#)
- [*Solar Cooker Plans: File Box Cooker*](#)
- [*Solar Cooker Plans: Cook-it Style Panel Cooker*](#)
- [*Recipes and Cooking Tips*](#)
- [*What's Cooking 2*](#)
- [*Wind Watching*](#)

Grades 3 – 5

- [*What Do We Get From Solar Energy?*](#)
- [*Making a Sundial*](#)
- [*Triangle Game*](#)
- [*What's Cooking?*](#)
- [*Poster Contest*](#)
- [*Energy is All Around Us Coloring Book*](#)

Grades 6 – 8

- [*Kilowatt Ours*](#)
- [*Junior Solar Sprint*](#)
- [*What's Cooking*](#)
- [*What's Cooking 2*](#)
- [*KidWind Challenge*](#)

Grades 9 – 12

- **Explore Careers & Other Renewable Energy Information at This Link:** [*Clean Energy Jobs, Internships, Training Opportunities and Careers*](#)
- [*Student Competitions*](#)
- [*KidWind Challenge*](#)
- ***Introduction to Renewable Energy (RE100)*** is a free six-week, 10-lesson online course complete with videos, readings, quizzes, exercises and discussion forums. Developed for students 12 years of age to adults, it includes lessons in energy efficiency, solar thermal, solar electric, wind, micro-hydro, renewable energy in developing countries, and the economics of renewable energy. Solar Energy International encourages teachers to take this course and evaluate it as curriculum to be used with students. It's available in English or Spanish. Click [here](#) for additional information or to register.

See *Climate Change Projects & Activities* for more resources for all ages.