



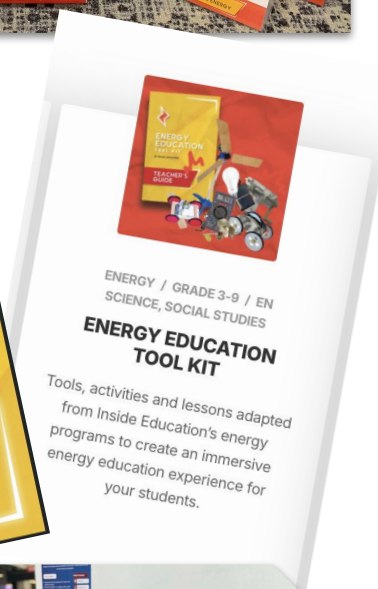
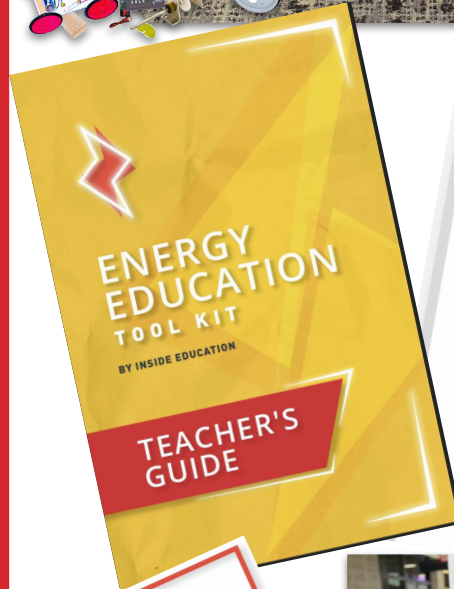
Energy Education Toolkits

February - March 2026

Fort Saskatchewan, Grande Prairie, and Fort McMurray

Inside Education is proud to report on the 2026 Energy Toolkit Learning Resource and Teacher Professional Development program. The latest iteration of this popular resource contains tools, equipment and lesson plans designed to help support teachers in their classrooms and enrich energy education all across the province. This toolkit was distributed in conjunction with half-day teacher professional development workshops, offered in Fort Saskatchewan, Grande Prairie, and Fort McMurray, that introduced attending teachers to the kits, demonstrated how to use the equipment, and established the connections between the toolkit materials and the curriculum. Some additional kits were also distributed via interactions with teachers who showed interest in energy education at Teachers Conventions booth across the province.

Feedback on the toolkit was positive, with teachers indicating that the kit was a useful resource for teaching energy topics in the classroom, especially with the prevalence of topics related to energy resources in the updated K-6 Science curriculum.



Oil



Natural Gas



Geothermal



Coal



Nuclear



Solar



Wind



Biomass



Water





Impact & Feedback

The 2026 Energy Toolkits were mainly distributed via three teacher professional development programs held in February and March of 2026 - one in Fort Saskatchewan, one in Grande Prairie, and one in Fort McMurray. In total, **50 teachers** attended the PD programs with a total of **46 toolkits** distributed to Alberta schools. Toolkits were distributed to more than **38 different communities**, including five First Nations - Driftpile, Loon River, Sunchild, Tsuut'ina, and Wabasca.



"There are no resources provided for the new curriculum, so it is very expensive to build the resource collection. This made a huge advancement in our tools to educate, and are strong quality, hands on material."

- Tammie Couture, St. Gerard School, Grande Prairie



- A further **14 toolkits** were distributed during Teachers Conventions to interested teachers in regions where the PD wasn't offered.
- An additional **18 kits** were given away to A+ For Energy grant recipients during the 2026 August teacher professional development program,
- **2 toolkits** were provided to the lending libraries at the Peace River Municipal Library and the Grande Prairie Public Library to be used by homeschool groups and the public at large.
- The remaining toolkits will be distributed during the 2027 Generate Energy and Climate Youth Summit, as well as at future Teachers Conventions.

Feedback from teachers indicated that the toolkits are a high-value classroom resource, with **100%** of surveyed teachers indicating that the kit was **appropriate for their grade level, was fun for students to use, is easy to set up, and covered appropriate energy topics**. Several teachers noted that **hands-on tools, real-world connections, and classroom-ready materials** were all highly valued features of the toolkits.



"We are a small school so having the items is fantastic because we have a limited budget and I didn't have to source the items...Students were able to have hands on experiences and engaging activities to make their learning more interactive and fun."

- Carole Kamieniecki, Rosary School, Manning





Program Futures

With the prevalence of natural resource and energy topics in the updated K-6 science curriculum and with changes to junior high curricula on the horizon, it can be safely assumed that energy will continue to be a focus for K-12 teachers across Alberta. This combined with the growing need for low-cost and low barrier-to-entry tools for classrooms means that resources like the 2026 Energy Toolkit are more highly valued than ever before, and we are pleased that we are able to provide support for students and teachers with these resources.



Inside Education will continue to include energy and climate change topics as a part of our suite of no-cost natural resource programming, with the A+ For Energy teacher PD, Energy Innovation Days, Classroom Presentations, and the Generate Energy and Climate Youth Leadership Summit all on the schedule for the 2026-2027 school year. We look forward to continuing to support teachers and students from all corners of the province in learning about the science, innovation, technology and careers associated with Alberta's energy landscape.



**Thank you to our funding partners
for this project:**



Contact

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