

## **Nunavut Alternative Energies Curriculum Connections**

### **Grade 6-8 Science**

## **ENERGY AND CONTROL GRADE 6 – Electricity**

### General Learning Outcomes

*By the end of Grade 6, students will:*

1. Demonstrate understanding that electrical energy can be transformed into other forms of energy, such as heat, light, sound and mechanical energy.
2. Design and construct a variety of electrical circuits and investigate ways in which electrical energy is transformed into other forms of energy.
3. Identify uses of electricity in the home and community and evaluate the impact of these uses on both our quality of life and the environment.