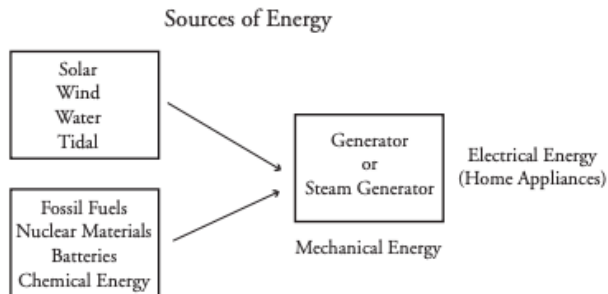


New Brunswick Alternative Energies Curriculum Connections

Grade 6-8 Science

Students will be expected to

- describe how knowledge that magnets can produce electric current led to the invention of electrical generators (106-4)
- describe how knowledge of electromagnets has led to the development of many electrical devices that use them (106-3)



Students will be expected to

- identify and explain sources of electricity as renewable or nonrenewable (303-29)

Outcomes

Students will be expected to

- describe the relationship between electricity and magnetism when using an electromagnet (303-27)
- identify and investigate various methods of generating electricity (past, present and future), and describe some ways in which these methods affect the environment (303-28, 105-3, 108-8)

Students will be expected to

- identify and explain different factors that could lead to a decrease in electrical energy consumption in the home and at school, and how this will help protect the environment (108-5, 303-30)