

Energy Storage Match

Re-Energy
Learning Activity
Grade Level: 7-12



Main Objectives

In this activity, learners will match the technology to the correct type of energy storage.

Learning Outcomes

By the end of this activity, learners will:

- Learn about the different forms of energy conversion to store energy.
- Understand what technologies are used for each type of energy storage.

Length of Activity

30 minutes

Curriculum Connections

Alberta

Science 7: Interactions and Ecosystems

Science 8: Mix and Flow of Matter

Science 9: Matter and Chemical Change; Electrical Principles and Technologies

Science 10: Energy and Matter in Chemical Change; Energy Flow in Technological Systems; Energy Flow in Global Systems; Stewardship

Science 20: Science, Technology and Society

Science 30: Chemistry and the Environment; Energy and the Environment

Social Studies 10: To What Extent Should We Embrace Globalization?

- 10-2: Living in a Globalizing World

Materials List

Internet-enabled device
Pen and paper
Energy Storage 101 Backgrounder
Energy Storage Learner Worksheet

Procedure

Step 1: To begin, as a class or individually, review the Energy Storage 101 backgrounder and watch a video on [Energy Storage 101](#) (1:27 minutes)

Step 2: Individually or in groups, complete the Energy Storage Match Activity Worksheet.