

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
- Science 9: Electrical Principles and Technologies
- Science 10: Energy and Matter in Chemical Change
- Science 10: Energy Flow in Technological Systems
- Science 10: Energy Flow in Global Systems
- Science 10: Stewardship
- Science 20: Science, Technology and Society
- Science 30: Chemistry and the Environment
- Science 30: 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.