

SEAI Junior Cycle Resources

This document sets out the **Science** learning outcomes for each of the activities in the section **Energy and its impact**.

Energy and Sustainability	<p>E&S7 Students should be able to illustrate how earth processes and human factors influence the Earth's climate, evaluate effects of climate change and initiatives that attempts to address those effects</p> <p>CW10 Students should be able to evaluate how humans contribute to sustainability through the extraction, use, disposal and recycling of materials</p>
The Environmental Impact of Using Energy	<p>E&S6 Students should be able to research different energy sources; formulate and communicate an informed view of ways that current and future energy needs on Earth can be met.</p>
Energy Sankeys	<p>PW6 Students should be able to explain energy conservation and analyse processes in terms of energy changes and dissipation</p>
Global Warming	<p>E&S7 Students should be able to illustrate how earth processes and human factors influence the Earth's climate, evaluate effects of climate change and initiatives that attempts to address those effects</p>

NoS = Nature of Science, E&S = Earth & Space, CW = Chemical World, PW = Physical World, BW = Biological World