

Texas

Correlations to SEPUP's *Investigating Alternative Energy: Hydrogen & Fuel Cells*

Investigating Alternative Energy: Hydrogen & Fuel Cells was developed by SEPUP at The Lawrence Hall of Science, and is published by, and available exclusively from, LAB-AIDS, Inc. This document is intended to show selected locations in the *Hydrogen & Fuel Cells* module that support the Texas Education Agency standards for high school science. It is not an exhaustive list; other locations may exist that are not listed here.

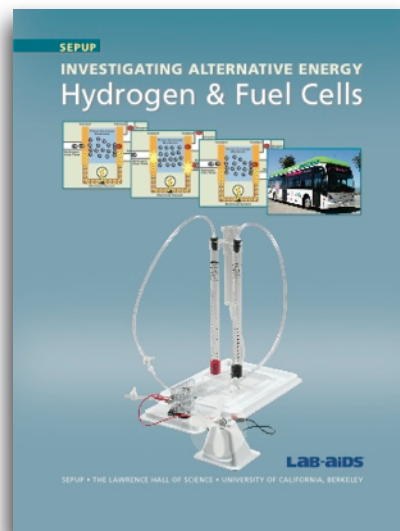
For more information about this correlation or for questions about the module, please contact:

SEPUP

<http://sepuplhs.org>

510-642-8718

sepup@berkeley.edu



Chemistry

(c) Knowledge and skills.

(11) Science concepts. The student understands the energy changes that occur in chemical reactions. The student is expected to:

Performance Indicator Descriptor	Location in Module	Where Assessed
(A) understand energy and its forms, including kinetic, potential, chemical, and thermal energies;	Activity 5	Throughout Activity 5
(B) understand the law of conservation of energy and the processes of heat transfer;	Activity 5	Throughout Activity 5

§112.37. Environmental Systems

(6) Science concepts. The student knows the sources and flow of energy through an environmental system. The student is expected to:

Performance Indicator Descriptor	Location in Module	Where Assessed
(B) describe and compare renewable and non-renewable energy derived from natural and alternative sources such as oil, natural gas, coal, nuclear, solar, geothermal, hydroelectric, and wind;	Activities 1 and 6	Throughout Activities 1 and 6