

Learning Activity Template

Title: Nuclear Power: A Webquest for Applied Chemist

Curriculum: For the “hands-on” chemistry class; examining the pros a

Grade-Level Span: 11th and 12th grade students in Applied Chemistry or Ecology Classes

PURPOSE:

For students to study the pros and cons of nuclear power.

DESCRIPTION:

Students will research the advantages and disadvantages of nuclear power. They will contrast and compare nuclear power to other power types. They will research the history of nuclear power use in the United States and find relevant statistics regarding present nuclear power use.

ACTIVITIES	CURRICULUM STANDARDS	NETS PERFORMANCE INDICATORS
Research nuclear power advantages and disadvantages	9-12 Physical Science II	ITSE I, V
Create an presentation about the history, advantages, and disadvantages of nuclear power		ITSE IV
Add visual components such as power point, additional charts or graphics to your presentation		ITSE III, V
Evaluate your teams performance		ITSE II, IV

TOOLS AND RESOURCES:

Webquest documents posted on my homepage:
www.mhlearningnetwork.com/amyhendrickson/
Click on “Nuclear Power Webquest”
(Other links found on that page)

ASSESSMENT:

Scoring rubric found in Webquest document

CREDITS (INCLUDING CONTACT INFORMATION):

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COMMENTS:

Will be teaching this lesson in a few weeks! I’ll let you know how it turned out for me – I’ll give you hints then!

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