

# Learning Activity Template

Title: Solar Energy—Introduction to the Unit

Curriculum: Earth Science and Industrial Technology

Grade-Level Span: Grades 8-12

**PURPOSE:**

- To introduce the concept of solar energy
- To understand the source of solar energy

**DESCRIPTION:**

A media presentation that will introduce solar energy to the students.

ACTIVITIES	CURRICULUM STANDARDS	NETS PERFORMANCE INDICATORS
View solar energy movie maker presentation	Grade 8 III Earth and Space Science C. The Universe Objective—The student will compare objects in the solar system and explain their interactions with the Earth. 1. The student will recognize that the sun is the principal energy source for the solar system and that this energy is transferred in the form of radiation.	Social, ethical, and human issues— Students understand the ethical, cultural, and societal issues related to technology

**TOOLS AND RESOURCES:**

(List all Web sites, specific software and hardware, and other needs.)

- Movie Maker II
- Images from Google Images and personal files
- Musical introduction from *Star Wars*.
- Concluding music from *Beethoven’s Fifth Symphony*.

**ASSESSMENT:**

(How will you assess the students' learning? If you have a rubric, record it here. Be as specific as possible.)

No assessment is necessary for this introductory lesson.

**CREDITS (INCLUDING CONTACT INFORMATION):**

(Record the names and e-mail addresses, if possible, of those who contributed to the development of this learning activity.)

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**COMMENTS:**

(Have you taught this learning activity before? What are the great ah ha's/experiences you had?)

This is the first time that lesson has been introduced.

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