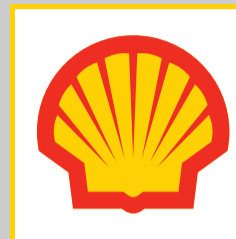


TEACHER'S GUIDE

Activity 5 - Dear Energy Expert



OBJECTIVE

To provide information on two different energy forms: solar power and hydrogen fuel

GETTING STARTED

Read the questions and answers in the “Dear Energy Expert” column. Then ask your students to write their own energy questions. Have each student trade his or her question with a partner, who should then research and write an answer to the energy question he/she has received. Read the questions and answers aloud to initiate a discussion about energy.

NATIONAL STANDARDS

Science

Standard 8. Understands the structure and properties of matter
Standard 9. Understands the sources and properties of energy
Standard 11. Understands the nature of scientific knowledge

Geography

Standard 7. Knows the physical processes that shape patterns on Earth's surface
Standard 14. Understands how human actions modify the physical environment
Standard 16. Understands the changes that occur in the meaning, use, distribution, and importance of resources
Standard 18. Understands global development and environmental issues

TIME CONSIDERATIONS

Approximately one class period