

NATURAL RESOURCES

Lesson Plan

Fossil Fuel Finder

Lesson Plan for *Fossil Fuels*

Grade 2

Objective

To help students practice using text features, such as titles and subheadings, to find facts in an online text.

Things Needed

- *Fossil Fuels* book
- Fossil Fuel Finder worksheet (attached)
- Access to “The Story of Fossil Fuels” on the NASA Climate Kids website:
<https://climatekids.nasa.gov/fossil-fuels-coal/>

Before the Activity

Print a copy of the Fossil Fuel Finder worksheet for each student. Then read *Fossil Fuels* out loud as a class.

Activity

Pass out the Fossil Fuel Finder worksheet to students. Then help students access “The Story of Fossil Fuels” on the NASA Climate Kids website. This web page has four parts: Coal, Oil, Gas, and Next. Students should look through all four parts to fill in the blanks on the worksheet, using the images and headings on the website as clues for where to find the various facts.

Evaluation

Collect the worksheets and use the attached answer key to give each student 1 point for each correct answer, for up to 15 points total.

Standards

This lesson plan may be used to address the Common Core State Standards’ reading standards for informational texts, grade 2 (RI 2.5).



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Fossil Fuel Finder

Use the four parts of “The Story of Fossil Fuels” to fill in the blanks.

1. Someone in _____ discovered coal around 4,000 years ago.
2. Before the late 1600s, people mainly used coal for _____ and _____.
3. The invention of the _____ made big factories possible.
4. _____ is a liquid that comes from oil and is used to run cars.
5. This liquid wasn't used much until the _____ was invented in 1863.
6. _____ is another fuel used to cook, heat homes, and fuel jets.
7. As long ago as _____, people were using natural gas to boil water.
8. Today, many people use natural gas for _____ and _____.
9. _____ uses water, sand, and chemicals to crack rocks and release natural gas.
10. _____ from burning fuel can cause acid rain, sickness, and even death.
11. Burning fossil fuels releases a gas called _____ into the air.
12. Other damage includes _____ in the ocean and _____ in the ground from fracking.



Fossil Fuel Finder Answer Key

Use the four parts of “The Story of Fossil Fuels” to fill in the blanks.

1. Someone in **northern China** discovered coal around 4,000 years ago.
2. Before the late 1600s, people mainly used coal for **smelting** and **blacksmithing**.
3. The invention of the **steam engine** made big factories possible.
4. **Petroleum** is a liquid that comes from oil and is used to run cars.
5. This liquid wasn't used much until the **internal combustion engine** was invented in 1863.
6. **Kerosene** is another fuel used to cook, heat homes, and fuel jets.
7. As long ago as **500 BCE**, people were using natural gas to boil water.
8. Today, many people use natural gas for **cooking** and **heating homes**.
9. **Fracking** uses water, sand, and chemicals to crack rocks and release natural gas.
10. **Pollution** from burning fuel can cause acid rain, sickness, and even death.
11. Burning fossil fuels releases a gas called **carbon dioxide** into the air.
12. Other damage includes **oil spills** in the ocean and **chemicals** in the ground from fracking.

