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Science Standard
6.6.b.



CALIFORNIA



Education and the
Environment
Initiative



Energy and Material Resources: Renewable or Not?

California Education and the Environment Initiative

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California Environmental Protection Agency
California Natural Resources Agency
Office of the Secretary of Education
California State Board of Education
California Department of Education
California Integrated Waste Management Board

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Key Partners:

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Energy and Material Resources Essential at Home

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Name: _____

Instructions: Complete the table with at least six specific resources you use for physical survival at home. One example has been provided for you. (1 point each, 24 points total)

Resource	Material or Energy Resource?	Where is it found in nature?	How do you use it to meet a survival need?
Water	Material	Underground aquifers, rainwater, snowmelt, creeks, streams, and lakes	By drinking it

Energy and Material Resources Essential at Home

Lesson 2 | page 2 of 2

Name: _____

Resource	Material or Energy Resource?	Where is it found in nature?	How do you use it to meet a survival need?

Instructions: Ask the following questions of an adult in your home. Record the answers in the spaces provided.

1. If you stacked up all the junk mail you receive in one month, how tall do you think the stack would be?

2. How many rolls of toilet paper are used by your household in one month?

Renewable, Nonrenewable, and Inexhaustible Resources

Lesson 3

Name: _____

Instructions: Define and give at least two examples of each type of resource.

1. What are “renewable resources?”

Definition: (5 points)

Examples: (2 points)

2. What are “nonrenewable resources?”

Definition: (5 points)

Examples: (2 points)

3. What are “inexhaustible resources?”

Definition: (5 points)

Examples: (2 points)

Name: _____

Instructions: Look at each picture and respond to the prompts. (5 points each)

1. Rock Quarry

Identify whether rocks are a renewable, nonrenewable, or inexhaustible resource. Then, describe how human practices might change the availability and quantity of the resource.



2. Pine Plantation

Identify whether trees are a renewable, nonrenewable, or inexhaustible resource. Then, describe how human practices might change the availability and quantity of the resource.



Categorizing Resources

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Name: _____

3. Water

Identify whether water is a renewable, nonrenewable, or inexhaustible resource. Then, describe how human practices might change the availability and quantity of the resource.





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