

# Trash to Treasure

## Summative Assessment

### Open Response

Energy usage is a topic that is being discussed at an increasing rate in our society. Part of that discussion is focused on fuel sources that are available for transportation.

- A. Identify 3 of the alternative fuels that can be used for transportation.
- B. Describe the advantages and disadvantages of two of these alternative fuels.
- C. Explain how science can play a role in societal and political decisions to be made in the discussion of fuel sources.



### Kentucky General Scoring Guide

<b>4</b>	Student gives correct answers for parts A and B. All explanations are clear and complete. There is evidence of clear understanding of the concept.
<b>3</b>	Student gives correct answers for parts A and B. Explanations are correct, but possibly unclear. There is less evidence of clear understanding.
<b>2</b>	Student answers 1 (A or B) part of the question completely correct. There is some evidence of understanding.
<b>1</b>	Student gives only parts of correct answers. There is little evidence of understanding.
<b>0</b>	Response is totally incorrect or irrelevant (does not add any new information to the question).
<b>B</b>	No response

[illegible]

