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Name: _____

Date: ____ / ____ / ____ Class Hour: ____

It Pays To Save In Your Home

Student Lesson Summary Guide

0. Digitally copy and paste a good photo or two of the poster you made for this activity.



1. You have \$7500 to spend to improve the energy efficiency of your home. Your objective is to make the best use of that money—in other words to get the best energy savings (benefit) for the money you spend (cost).

1-1. What will you choose to do **first**?

* **Answer**

Describe how you arrived at this decision. Also, explain why you chose this energy saving situation to be dealt with **first**.

* **Answer**

1-2. What will you choose to do **second**?

* **Answer**

Describe how you arrived at this decision. Also, explain why you chose this energy saving situation to be dealt with **second**.

* **Answer**

1-3. What will you choose to do **third**?

*** Answer**

Describe how you arrived at this decision. Also, explain why you chose this energy saving situation to be dealt with **third**.

*** Answer**

1-4. If you have enough money left, what will you choose to do **fourth**?

*** Answer**

Describe how you arrived at this decision. Also, explain why you chose this energy saving situation to be dealt with **fourth**.

*** Answer**

1-5. If you have enough money left, what will you choose to do **fifth**?

*** Answer**

Describe how you arrived at this decision. Also, explain why you chose this energy saving situation to be dealt with **fifth**.

*** Answer**

1-6. If you have enough money left, what will you choose to do **sixth**?

*** Answer**

Describe how you arrived at this decision. Also, explain why you chose this energy saving situation to be dealt with **sixth**.

*** Answer**

2. Explain in detail how your decisions would be different if you had only \$500 to spend.

*** Answer**

3. Explain in detail how your decisions would be different if you had \$15,000 to spend.

*** Answer**

4. Explain in detail what is the same in each of your answers to questions 1, 2, and 3.

*** Answer**

5. Let's say you are renovating a home in which you will use your own renewable energy solar PV array. Your goal is to live as completely free of the local energy utility as possible. Explain in detail why is it important to meaningfully reduce the energy your home uses in the first place?

*** Answer**

6. Describe the most important idea, concept, principle, or fact you learned while completing this lesson. Explain why it is important for you (and probably other people) to know and understand.

*** Answer**