**Name: Class Period:**

**What I’ve Learned and How Does it Apply?**

LEARNING OBJECTIVE: Students will take the notes that they have been taking and apply them to the “I can” statements for this phenomenon.

INSTRUCTIONS:

1. Read through all of the notes that you have taken from EdPuzzle and readings that you have finished, as well as think about what you have learned from doing the simulations, activities, etc.
2. Sort through your notes and understandings, categorize them based on where they will best help you achieve the “I Can” statement. Then, write down the notes that fit under each of the “I Can” statements. You can also draw pictures to help you as well.
3. Rate how will you understand this “I Can” statement and how you think you would do if you were to write your final answer tomorrow.

**I can define kinetic energy and explain how it’s used in a roller coaster.**

Ratings for this “I Can” Statement (Circle the one that best describes where you are in the learning process:

**I can...**  *Explain this concept to others*

*I feel confident in my understanding*

 *I am gaining confidence and would like more help*

 *I need more help to become proficient at this concept*

**If I had to write my final answer tomorrow, I would be…**

 *Confidently proficient in explaining this concept*

 *Approaching proficient in explaining this concept*

 *At beginning level and need more help*

**I can explain how the amount of potential energy varies with the distance in a system. I can define potential energy and how it's used in a roller coaster.**

Ratings for this “I Can” Statement (Circle the one that best describes where you are in the learning process:

**I can...**  *Explain this concept to others*

*I feel confident in my understanding*

 *I am gaining confidence and would like more help*

 *I need more help to become proficient at this concept*

**If I had to write my final answer tomorrow, I would be…**

 *Confidently proficient in explaining this concept*

 *Approaching proficient in explaining this concept*

 *At beginning level and need more help*

**I can explain how energy is transferred between kinetic energy and potential energy and back again in the roller coaster.**

Ratings for this “I Can” Statement (Circle the one that best describes where you are in the learning process:

**I can...**  *Explain this concept to others*

*I feel confident in my understanding*

 *I am gaining confidence and would like more help*

 *I need more help to become proficient at this concept*

**If I had to write my final answer tomorrow, I would be…**

 *Confidently proficient in explaining this concept*

 *Approaching proficient in explaining this concept*

 *At beginning level and need more help*

**I can explain friction, thermal, and gravitational energy and how energy is transferred between objects using these forms.**

Ratings for this “I Can” Statement (Circle the one that best describes where you are in the learning process:

**I can...**  *Explain this concept to others*

*I feel confident in my understanding*

 *I am gaining confidence and would like more help*

 *I need more help to become proficient at this concept*

**If I had to write my final answer tomorrow, I would be…**

 *Confidently proficient in explaining this concept*

 *Approaching proficient in explaining this concept*

 *At beginning level and need more help*

**I can explain velocity and how it relates to the energy, mass, and speed of the roller coaster.**

Ratings for this “I Can” Statement (Circle the one that best describes where you are in the learning process:

**I can...**  *Explain this concept to others*

*I feel confident in my understanding*

 *I am gaining confidence and would like more help*

 *I need more help to become proficient at this concept*

**If I had to write my final answer tomorrow, I would be…**

 *Confidently proficient in explaining this concept*

 *Approaching proficient in explaining this concept*

 *At beginning level and need more help*