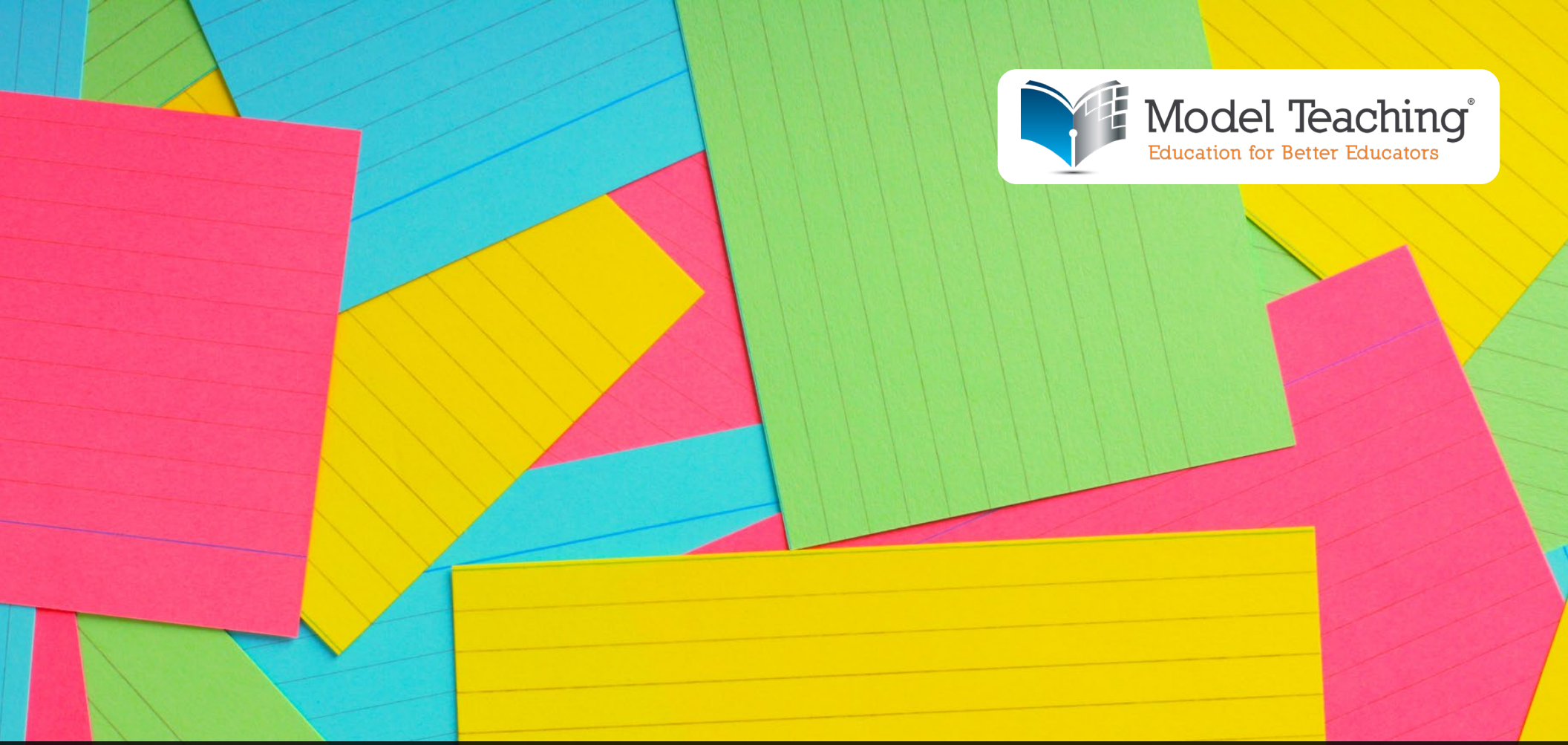

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Notecard System Prep Packet

- Notecard Planning Template with Sample
- Notecards Template and Sample

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Notecard Planning Template

Date Range: _____ Unit Topic: _____

Record your assessment question from a test aligned with your upcoming lessons. Fill this document out in the form fields or print out in landscape format and write in your content. Enter each assessment question into its own space, then describe what points students must know to be able to answer each question. Use those key points as the basis for the design of your note card questions. Finally, describe your plan of action for when you will introduce the key points and corresponding note cards to students.

Assessment Question	Key Points to Answer Correctly	Note Card Question(s)	Action Plan
		1. 2. 3.	
		1. 2. 3.	
		1. 2. 3.	
		1. 2. 3.	
		1. 2. 3.	

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Notecard Planning Template - SAMPLE

Date Range: _____ Unit Topic: _____

Record your assessment question from a test aligned with your upcoming lessons. Fill this document out in the form fields or print out in landscape format and write in your content. Enter each assessment question into its own space, then describe what points students must know to be able to answer each question. Use those key points as the basis for the design of your note card questions. Finally, describe your plan of action for when you will introduce the key points and corresponding note cards to students.

Assessment Question	Key Points to Answer Correctly	Note Card Question(s)	Action Plan
#1. Which of the following is an example of potential energy? A) a ball rolling down a hill B) a ball sitting on top of a hill C) a ball being pushed up a hill D) a ball being bounced on top of a hill	• Potential energy is stored energy as a result of its position. • Objects with potential energy have the capability to produce energy as conditions change. • Examples often refer to objects that are still with the potential to create various types of energy.	1. Define potential energy. 2. Give 1 example of potential energy and explain why it is an example.	Daily Objective: I will be able to define potential energy and give two examples with rationale. One lesson cycle. Day 2 of Energy Unit.
#2. When coal is burned to produce electricity, the electrical energy produced is less than the potential energy of the coal. Which best explains this observation? a. as the coal is heated, the molecules move so fast that they are destroyed b. some of the energy in the coal is destroyed by the intense heat required to release its potential energy c. some of the potential energy in the coal is converted into forms of energy other than electricity d. the amount of energy in the coal is not known	(Previous knowledge) • What is potential energy? • What is kinetic energy? • Six types of kinetic energy • Potential energy transforms into kinetic energy, and kinetic energy converts into potential energy, and then back again • Law of Conservation of energy- Energy is not created or destroyed but merely changes forms, going from potential to kinetic • Potential and kinetic energy remain equal • Potential energy can be converted into various forms of kinetic energy but still remains equal to the amount of potential energy.	1. What is the Law of Conservation of Energy? 2. Why are potential and kinetic energy always equal? 3. Give one example of the Law of conservation of energy.	2 lesson cycles. Day 4 and 5 of Energy Unit Day 4 Daily Objective: I will be able to define the Law of Conservation of Energy and explore examples. 1. 1. What is the Law of Conservation of Energy? 2. Why are potential and kinetic energy always equal? Day 5 Daily Objective: I will be able to evaluate a claim of the Law of Conservation of Energy through scientific investigation. 3. Give one example of the Law of conservation of energy.

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Notecard Design (Front)

If you do not have index cards for students to build their own note cards, you can build your own using this provided template. Print this template onto cardstock, then cut into notecards. ***(Make sure to print this page and the next (double sided) so that the front and back areas align.)*** *Ask students to place a number on the front of each card in the space provided, then record the question and answer for each card.*

Card #:

Question:

Card #:

Question:

Card #:

Question:

Card #:

Question:

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Notecard Design (Back)

Answer:

Answer:

Answer:

Answer:

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Notecard Design (Front) - SAMPLE

If you do not have index cards for students to build their own note cards, you can build your own using this provided template. Print this template onto cardstock, then cut into notecards. ***(Make sure to print this page and the next (double sided) so that the front and back areas align.)*** *Ask students to place a number on the front of each card in the space provided, then record the question and answer for each card.*

Card #: 1

Question:

Define potential energy.

Card #: 2

Question:

Give one example of potential energy and explain why.

Card #:

Question:

Card #:

Question:

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Notecard Design (Back) - SAMPLE

Answer: 1

Stored energy as a result of it's position.

Answer: 2

A ball sitting at the top of a hill, because potential energy is stored based on the height of the ball from the earth.

Answer:

Answer:

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