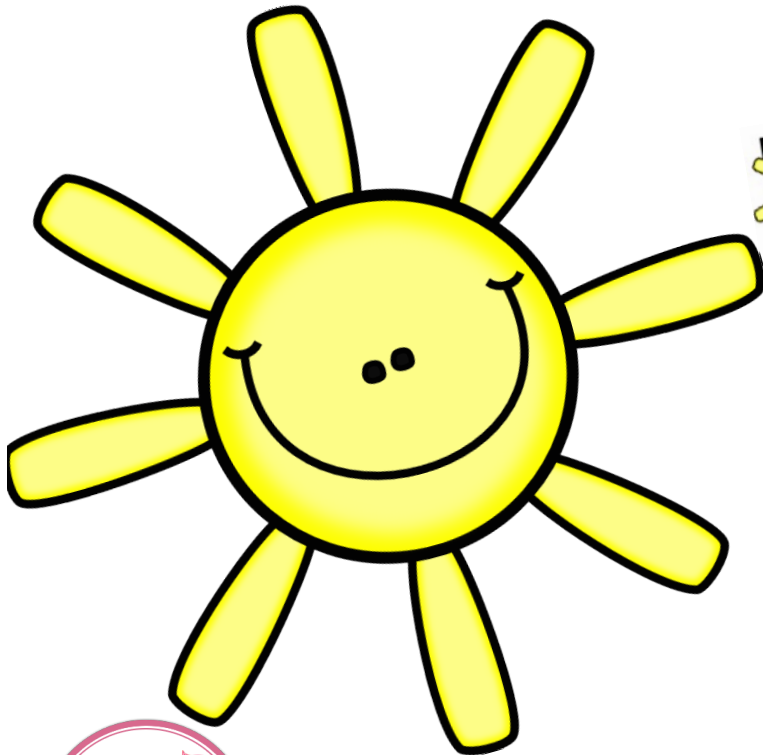


# Causation Cards

## Types of Energy

Engaging & Interactive  
Builds Fluency



# Teacher's Page

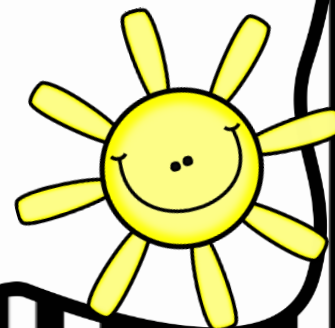
Causation cards are a fun, interactive way to review vocabulary and concepts that students need to learn. In addition, this engaging activity helps improve fluency and listening skills.

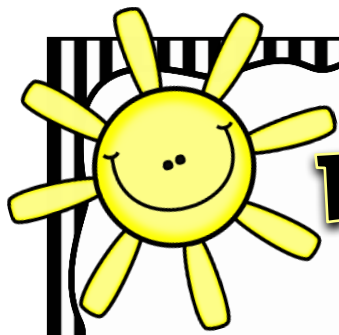
So how does causation cards work? The method is similar to the "I have... who has..." cards, where each student has to listen carefully to other students to know when it is their turn. However, causation cards do not contain a repeated language (like "I have... who has..."). Instead it will state an action that a student must perform and a statement they must say. The action can be something simple from jumping in the air to drawing on the board. The statement can be a definition of a term or related concept.

In this resource, you will find the end of a statement the previous student said in **red**, (or **bold** in the black and white version), the action to be performed in **green** (or in *italics* in the black and white version), and what that particular student who has the card says in regular black font. I have also placed numbers on each card so you know if you have all your cards and what order they go in. Finally, along the border you will find the prop needed to complete the action, if applies.

This activity can be used as a quick review or as an introduction. You can challenge students to go through the entire set as fast as they can or to beat their previous record.

I hope you enjoy this fun activity!





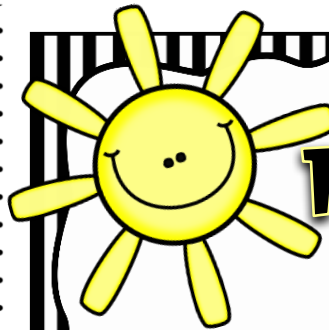
## Types of Energy

...it, move it!

Hold up rock, stand and Say:

This rock has potential energy. Potential energy is another name for stored energy. This type of energy is always waiting to be released. (Put rock up near your ear. Then say:) What's that, Mr. Rock? Release you?

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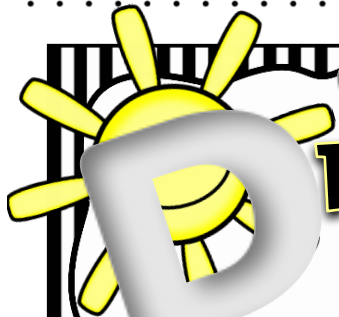
## Types of Energy

...release you?

Stand and Say:

Another name for moving energy is kinetic energy. This is the energy of motion. (Pretend you are being blown away by wind.) What is that? That is kinetic energy. Release me!

6



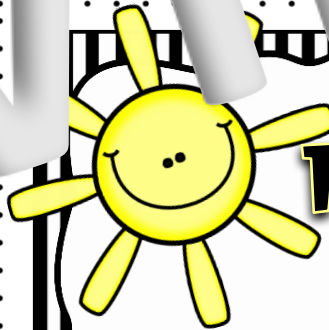
## Types of Energy

...blowing me away!

Stand and Say:

Energy can transfer from one object to another when moving. For instance, when I go bowling, the ball's energy transfers to the pins, knocking them down. (Pretend to bowl.) STRIKE!!

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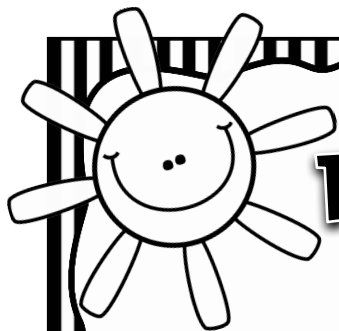
## Types of Energy

...STRIKE!!

Stand and Say:

Energy can also change from one form to another. Right now I'm just sitting here. I have potential. (Get up and run to board.) Now it has changed to kinetic.

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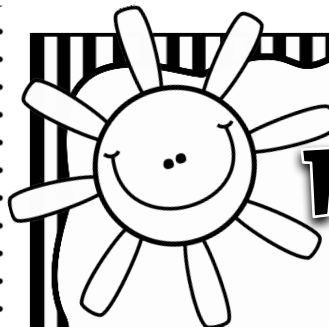
## Types of Energy

...these neat plugs.

*Stand and Say:*

Electrical energy can create motion, light, or heat. Did you ever notice that when you plug in something it gets hot? (*Touch something plugged in, then yank your hand back like you got burned.*) Ouch!

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## Types of Energy

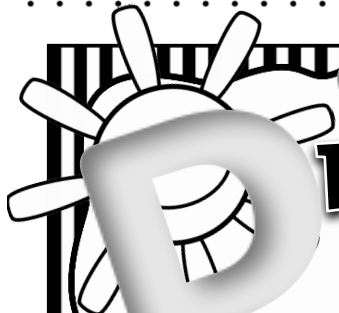
...gets hot? Ouch!

*Stand and Say:*

Energy can be created and not destroyed. It can change forms. Just like how a ball can change shape or form if you throw it.

clay or Play-doh

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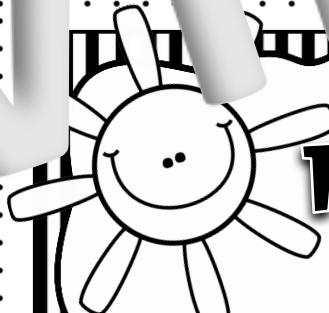
## Types of Energy

...this clay.

*Stand and Say:*

Let's imagine a popcorn maker. You use mechanical energy to turn the popper on. Electrical energy heats it up. (*Go to the board and draw a circle with a line running to an outlet.*)

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## Types of Energy

...heats it up.

*Stand and Say:*

When the corn kernels start to warm up from the heat energy, the kernels change to popcorn. (*Go to the board and draw lines popping out of the circle- like fireworks.*)

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