

# Causation Cards

## Earth Changes

Engaging & Interactive  
Builds Fluency



# Earth Changes

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 do 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 **blue (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 applicable.

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!



# Earth Changes

...create mountains.

Stand and say:

Earthquakes are also caused by the plates moving. It can destroy cities and create a lot of damage.

5 Carefully knock over a chair and act like an earthquake occurred.



chair

# Earth Changes

...lot of damage.

Stand and say:

Some earthquakes can cause huge waves of water called tsunamis. One tsunami had waves as high as 131 feet! (The waves were like at a game.) Wow! That's a lot of water!



# Earth Changes

...lot of water.

Stand and say:

Sometimes the plates in the Earth's crust have openings that let ash, gas, and hot magma escape. This is called a volcano.

7 Go to the board and erase the top of the mountain. Change the top to a volcano opening.



# Earth Changes

...called a volcano.

Jump and say:

Up comes the magma! KABOOM!





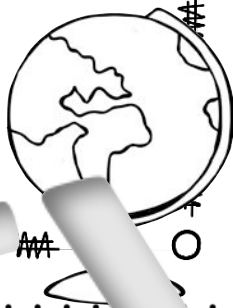
# Earth Changes

..the Earth's surface.

*Stand and Say:*

Water, ice, wind, and temperature can hammer the Earth's surface, breaking it down.

*Slam your fist into your other hand.*

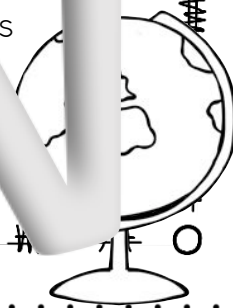


# Earth Changes

..breaking it down.

*Stand and say:*

Plants and animals can also weather the Earth's surface. Humans have also helped by chopping down trees and building houses. (Extend your arm and chop down a tree.) THUNDER!!



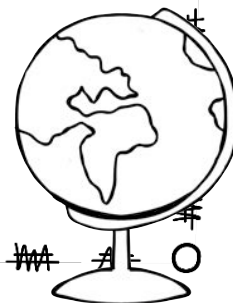
# Earth Changes

THUNDER!!

*Stand and say:*

Weathering doesn't work alone. It needs its sidekick, erosion, to come and carry sediment away.

*Go over to the pile of paper on the student's desk and pick it up. Carry it to your desk.*

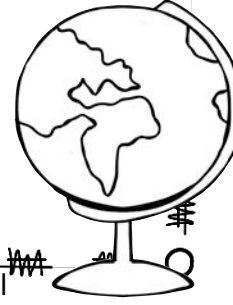


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..carry it away.

*Stand and Say:*

Like weathering, erosion can happen by ice, water, wind, or gravity. (Drop a pencil then point to it.) Look... Gravity!



pencil