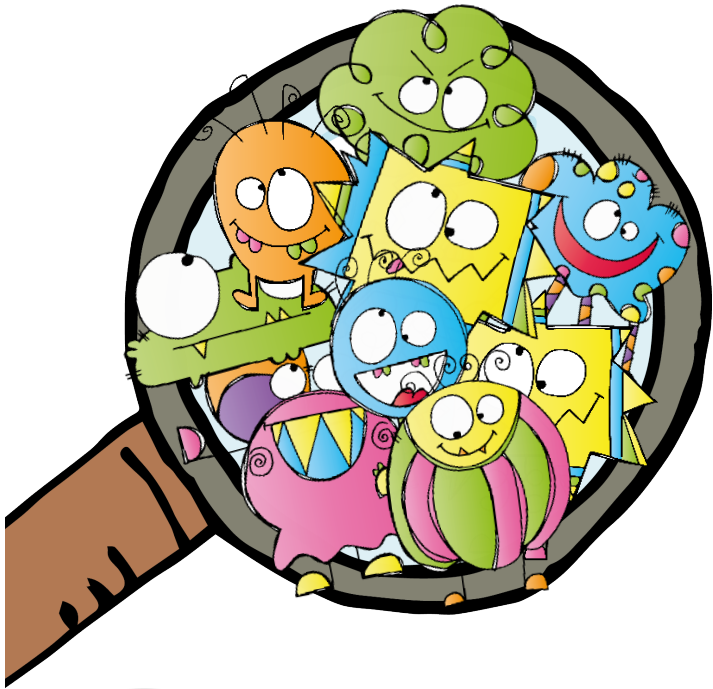


Causation Cards

Micro-organisms

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 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 **green** (or **bold** in the black and white version), the action to be performed in **red** (or *italic* 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. Along the border you will find the prop needed to complete the action, if it applies. Finally, I have provided blank cards for you to write in any additional information you would like.

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!

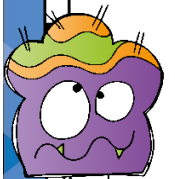


Microbes

...look HUGE!

Stand and say:

Microorganisms are sometimes called microbes for short. (Write microbes on the board.)



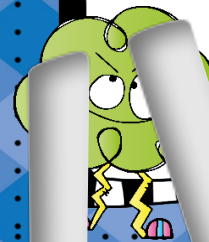
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Microbes

...for short.

Stand and say:

Microbes can either be beneficial or harmful. All the ground around us is covered with them.



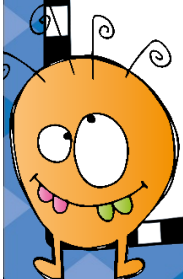
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Microbes

...harmful.

Go over to the previous student and help him or her up. Then say:

In fact, about 95% of microbes are not harmful. I'm guessing you are going to be okay.



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Microbes

...be okay.

Stand and say:

We rely on microbes for helping bread rise, creating yogurt and cheese, and other foods. (Rub your tummy.) All this talk about food is making me hungry! Anyone have a microbe or two I could eat?



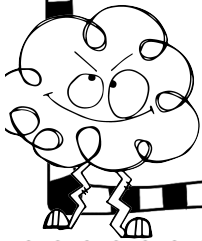
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Microbes

..of microbe.

Stand and say:

Bacteria was the first organism to appear on the Earth, and there are over 4,000 species. *(Go to the board and write down 'bacteria'.)*



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Microbes

..4,000 species.

Stand and say:

Bacteria is a prokaryote. That means it doesn't have a nucleus. The cell is like the rest of the cell. *(Put your hand on your head and guess my head can't see bacteria any day!)*



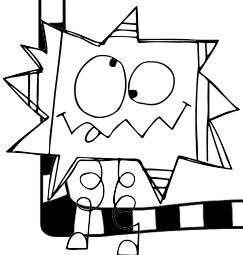
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Microbes

..any day!

Stand and say:

Viruses are another type of microbe. They can't survive on their own without a host. *(Go to the board and write 'virus'.)*



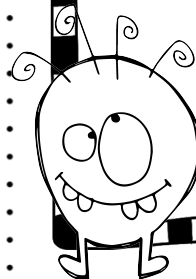
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Microbes

..a host.

Stand and say:

Viruses definitely can't be treated with medicine, like bacteria can. They capture other cells and use them to create more viruses. *(Go over to your teacher and hug him or her.)* I have attached to you!



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