

GMOs: What do you know? breakout

Card sort

Clue: Look carefully at the pictures here.
Are these organisms genetically modified?



Alfalfa



Rainbow papaya



Canola



Frankenfood



White russet potatoes



Belgian blue cattle



Dent (field) corn



Soybeans



Cheese



Sugar beets



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Misleading label



While the labeling on this product is legal and true, what could be potentially misleading about labeling this salt as “Non GMO?”

Send a team member to explain your thinking to the instructor to obtain the key for your lock. All members must sign the form to indicate their agreement with the answer.

Team member signatures

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Puzzle #1



GMO is an abbreviation for a **g** _____ ! _____
modified organism. This is an organism that has had
genetic material transferred from one organism to
another **b** _____ ! _____ , yeast, plant or animal.

However, scientists are more likely to use the term
t _____ ! _____ to describe organisms that
have had their genomes modified with genetic material
from another species. Additionally, DNA that has been
“cut and pasted” is called **r** _____ ! _____
DNA, which can be abbreviated as rDNA.



Scenario

You have recently graduated and are looking for your first “real” job. You know you want to make a difference in the world, be creative, and have something interesting to do. You just got a call from a potential employer. They are interested in someone with science knowledge as well as problem solving abilities and strong teamwork skills. Instead of a traditional interview, they are asking you to find the solutions to this breakout game on GMOs. Your future depends on your ability to break out!



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