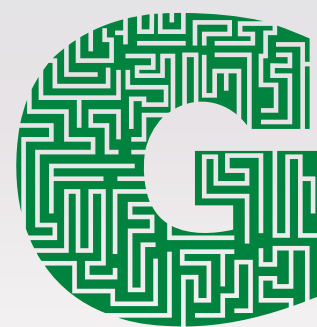


# GMOs: What do you know?

## A breakout game



**GROW**  
**NEXT GEN**



**Ohio Soybean Farmers**  
*Sustaining Life. Respecting Nature.*

# Goals

- Define terms such as transgenic, GMO and recombinant DNA
- Sort GMO from non-GMO products
- Separate GMO misconceptions from facts
- Understand current labeling on GMO food products
- Explain differences between conventional breeding, hybrids, transgenic organisms, and other methods of increasing genetic diversity
- Compare scientific explanations to views expressed in popular media

# Additional goals

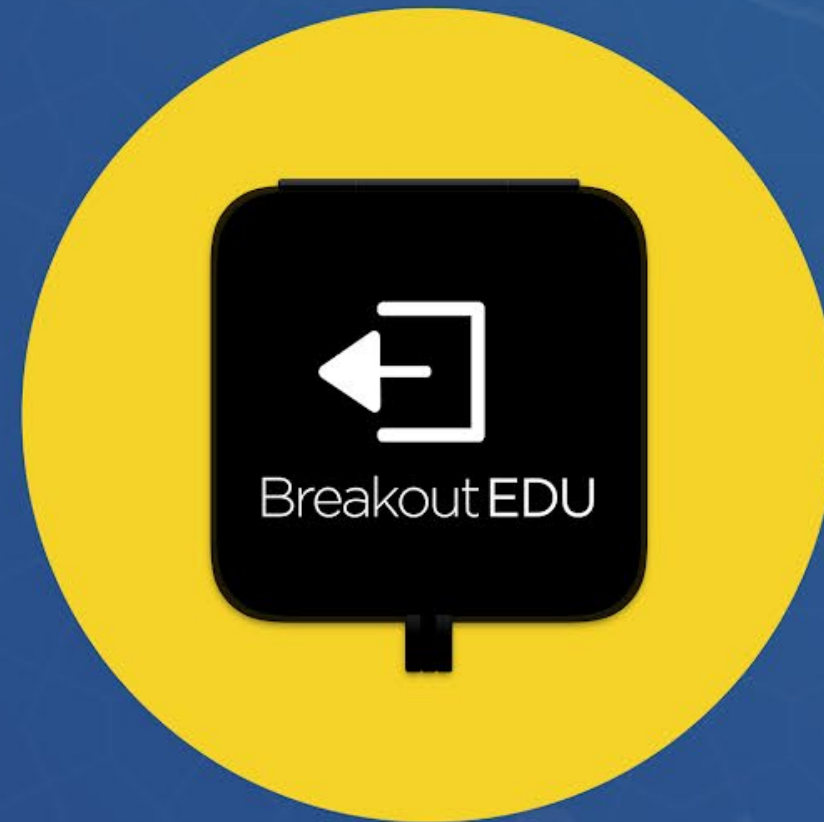
To foster and encourage:

- Critical thinking
- Problem solving
- Scientific dialogue
- Cooperation
- Positive use of cell phone technology
- GRIT!



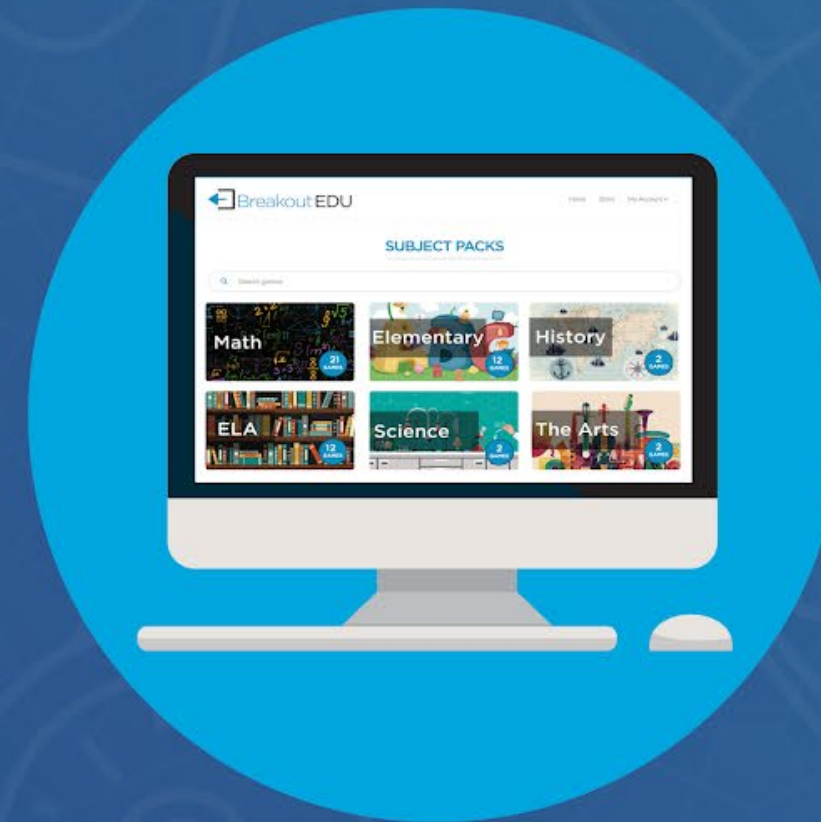
# WHAT IS BREAKOUT EDU?

Breakout EDU is the immersive learning games platform that empowers educators to facilitate content-aligned games in their classrooms. Games cultivate critical thinking, teamwork, and complex problem solving.



## Physical Games

Physical games are great for team building activities or to introduce a new unit of study.



## Digital Games

Digital games are great for quick classroom activities to review content or a fun way to conclude a lesson.

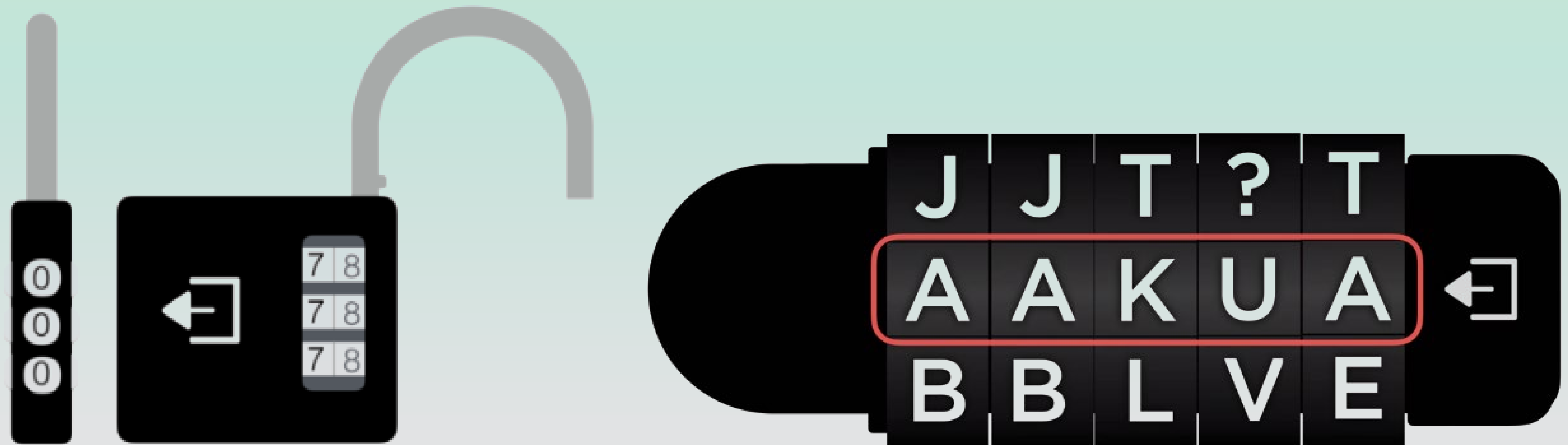


## Digital Game Builder

Students and teachers can build their own content-aligned games for classroom sharing.



# Mechanics of the locks



# TIPS FOR SUCCESS



Work together as a team.



The better you communicate and collaborate the more successful you will be.



If you solve a puzzle, make sure the rest of your team knows.



Come together to review what you know before deciding as a team when to use your hint cards.



# IN ORDER TO BREAKOUT, YOU'LL NEED TO...



Look around for clues and artifacts that will help provide information needed to figure out the combinations to the locks or digital puzzles.



Talk with your group and share what you're thinking about the clues. You might need to think outside the box in order to break into it.



Test out what you think you know! Try the combinations you think will open up the box. If you're wrong, think some more and try again.



Remove all the locks from the Breakout EDU kit or digital locks before the timer runs out to complete the game.



# HINT CARDS



Two hint cards are available when you and your team decide that you are not able to move forward without a little help.

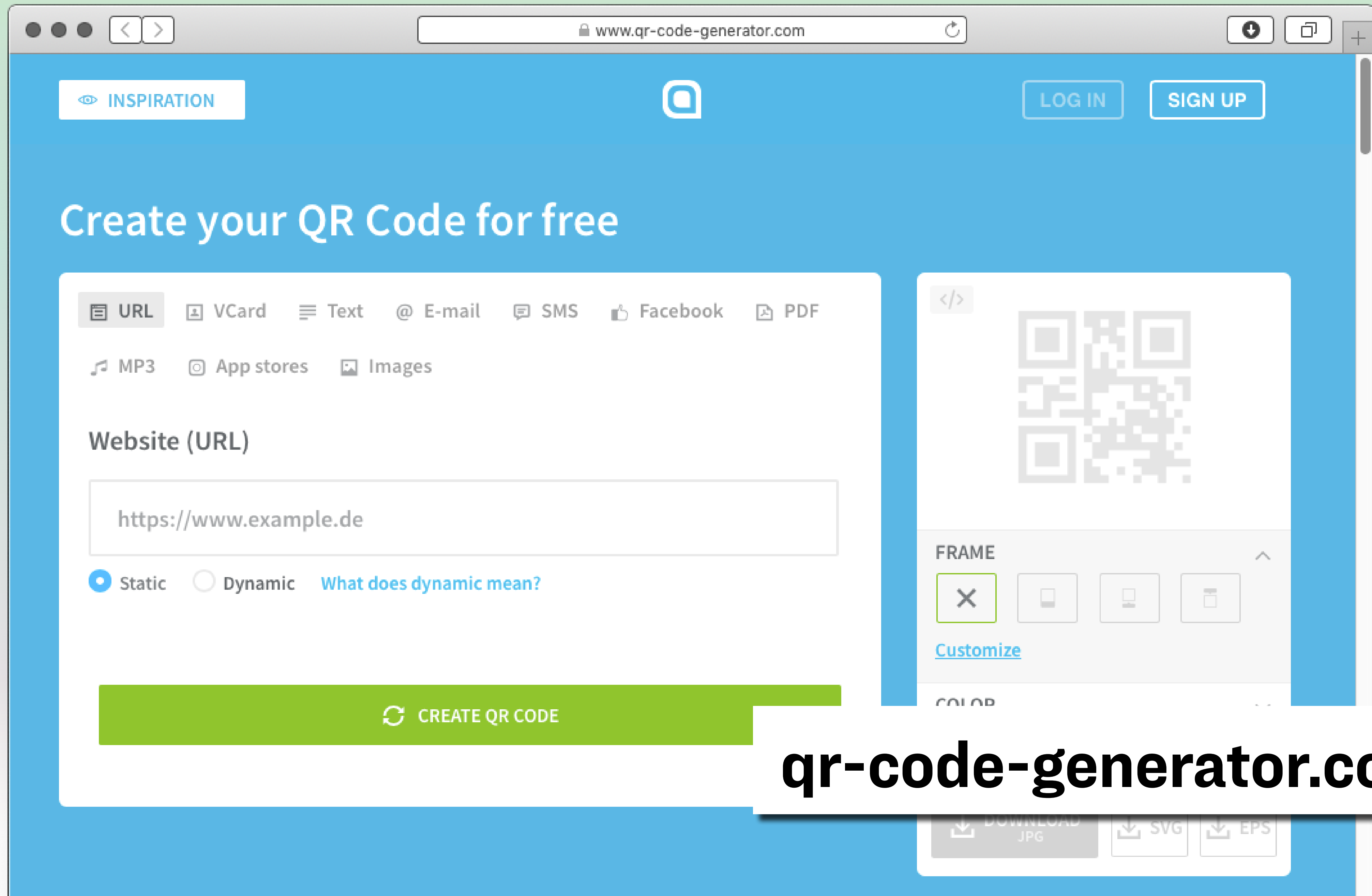
These hints are given to you by the facilitator of the game who is watching and observing the group.

Hints are not answers, just some information to help your group get over a hurdle or see the information in a new way.



# The scenario

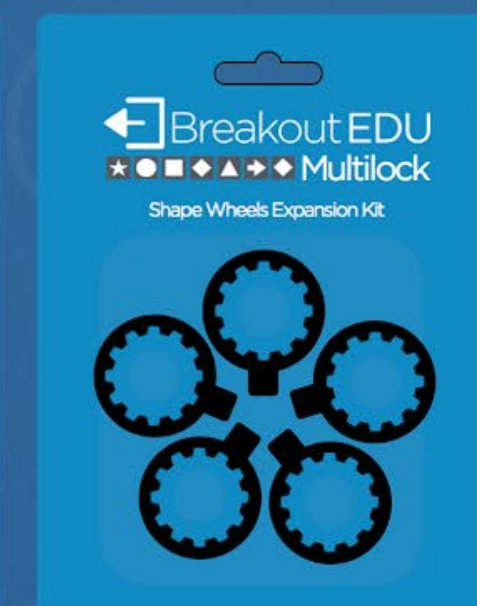
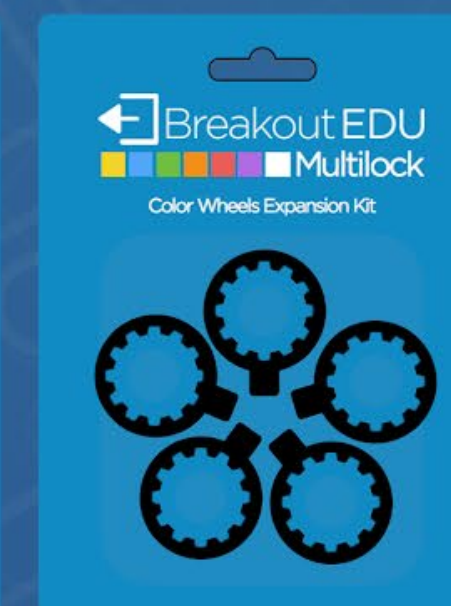
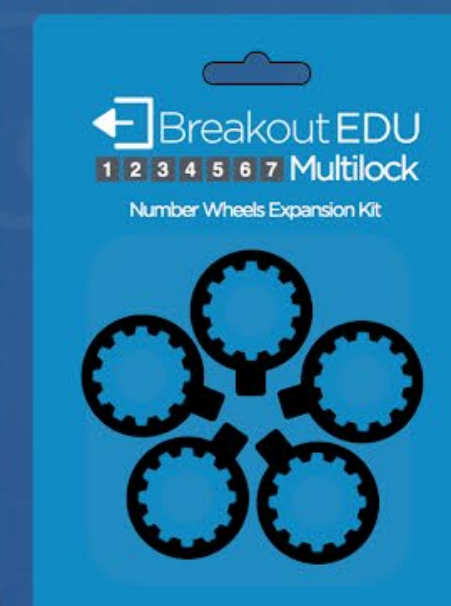
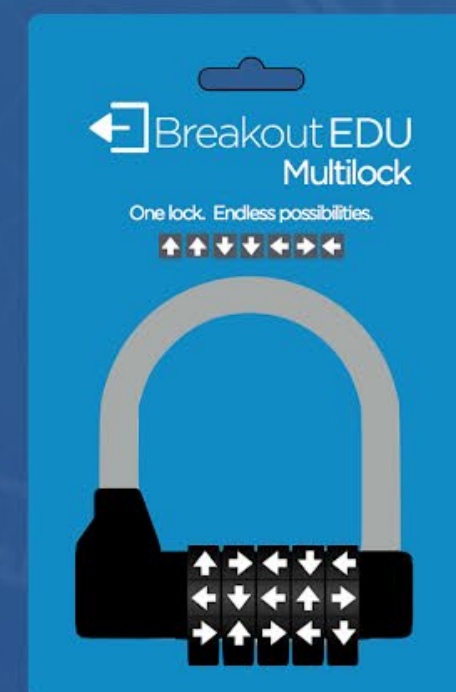
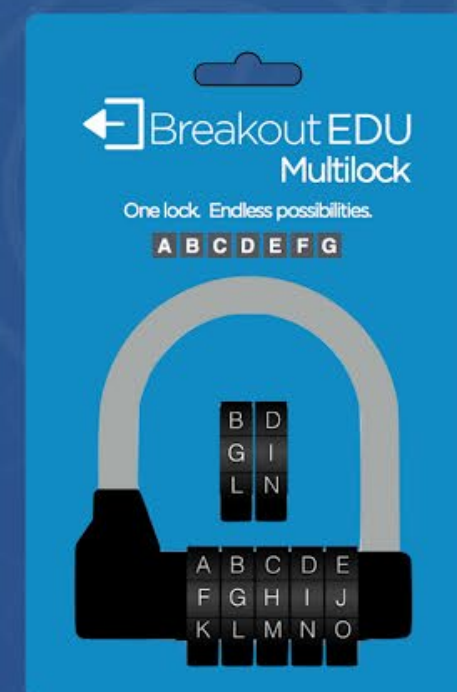
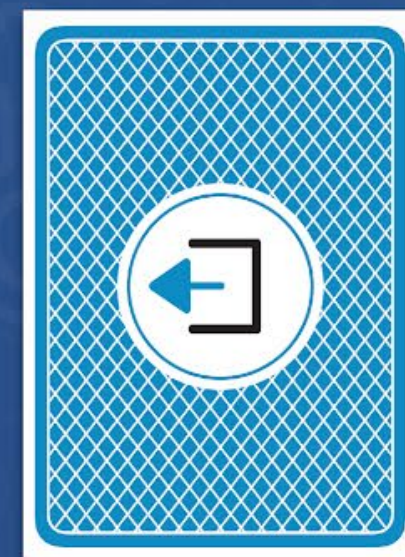
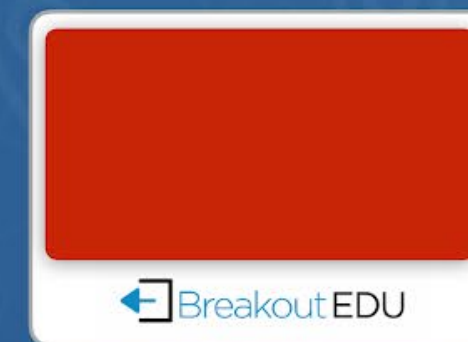
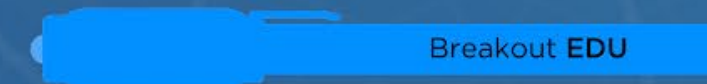
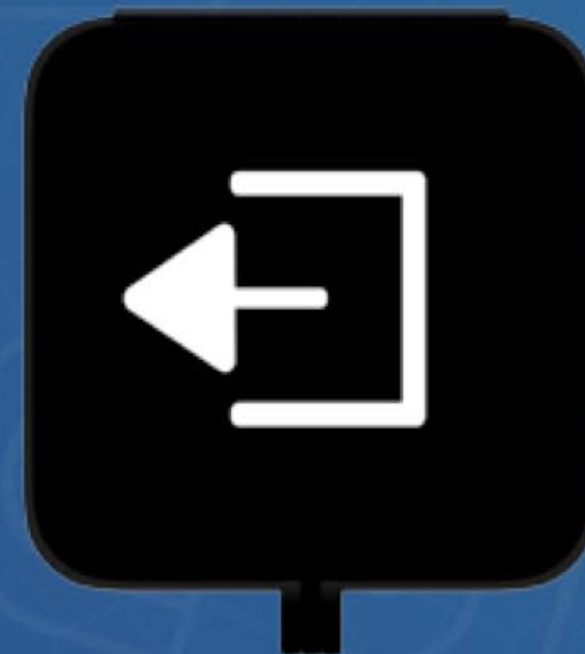
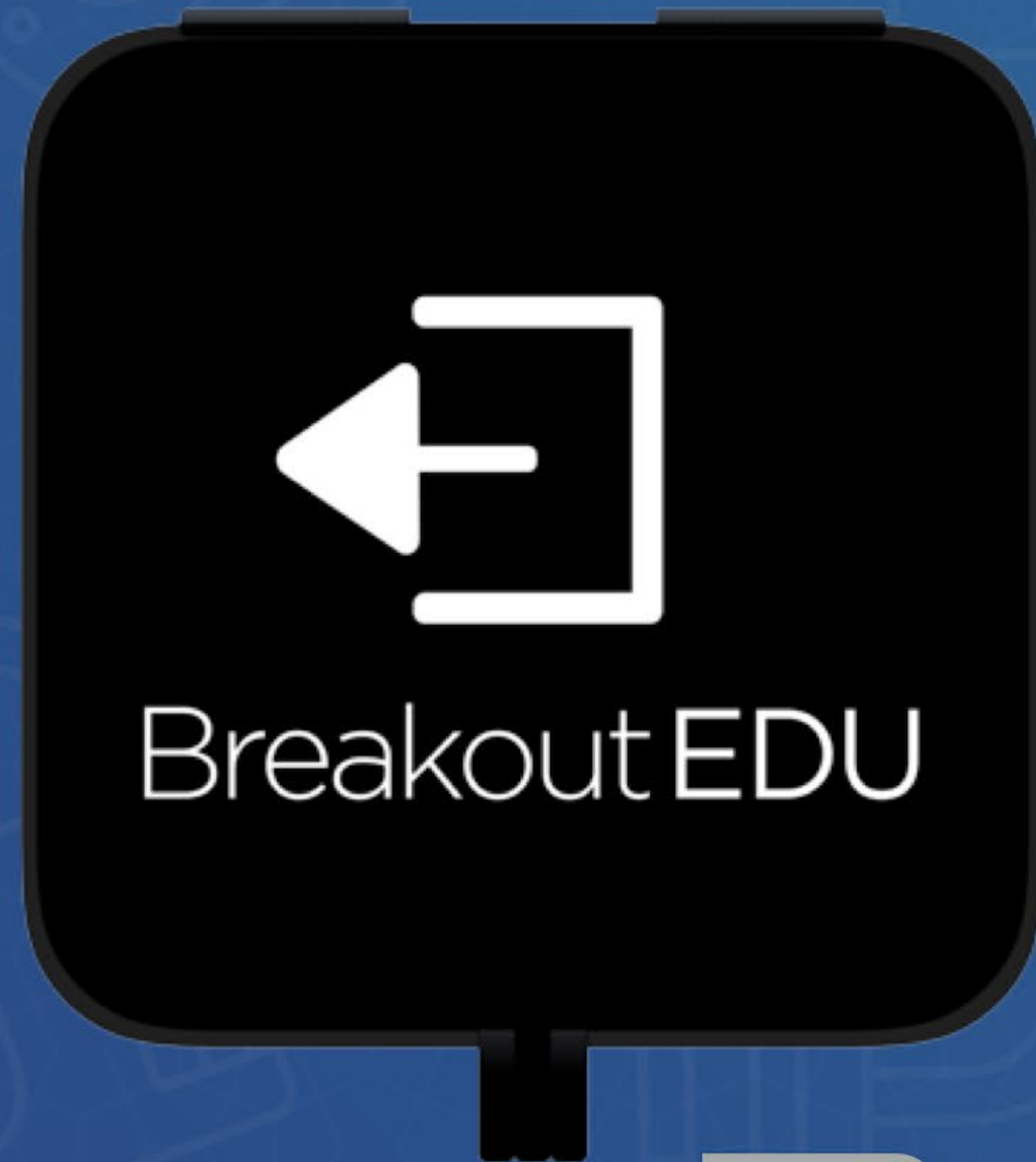
You have recently graduated and are looking for your first “real” job. You know you want to make a difference in the world, be creative, and have something interesting to do. You just got a call from a potential employer. They are interested in someone with some science knowledge as well as problem solving 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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# WHAT COMES IN THE BreakoutEDU KIT





The background of the card features a repeating pattern of blue padlocks, each with a small white icon of a smartphone screen.

## Featured Games

**13**  
GAMES

The background shows a collection of colorful, stylized musical instruments including guitars, a violin, and a trumpet.


## The Arts Games

**20**  
GAMES

The background depicts a workspace with a calculator, a pen, and architectural blueprints.

## Career Technical Education Games

**21**  
GAMES

The background is a close-up of a computer screen displaying lines of code in various colors.


## Computer Science Games

**23**  
GAMES

The background is a dense, colorful collage of various letters and numbers in different fonts and colors.

## Elementary Games

**433**  
GAMES

The background is a grid of twelve small square icons representing different holidays and seasons, such as a spider, a Christmas tree, the White House, a hot air balloon, a sailboat, and a turkey.

## Holiday and Seasonal Games

**94**  
GAMES





## Brady Steel Lockout Hasp With Tab, 1-1/2" Inside Jaw Diameter

by Brady



6 customer reviews

List Price: ~~\$10.89~~

Price: **\$8.10** ✓prime

You Save: **\$2.79 (26%)**

Get \$70 off instantly: Pay \$0.00 upon approval for the Amazon Prime Rewards Visa Card.

Size: **1-1/2" Inside Jaw Diameter**

1" Inside Jaw Diameter

\$8.32

✓prime

**1-1/2" Inside Jaw Diameter**

**\$8.10**

✓prime

Number of Items: **1**

- Price For: Each Standards: OSHA 1910.147 Max. Number of Padlocks: 6 Includes: Tamperproof Interlocking Tabs Item: Lockout Hasp Length: 5" Width: 2-3/8" Material: Steel Color: Red Closed Hasp Hole Size: 1-1/2" Hasp Style: Standard Padlock Shackle Max. Dia.: 3/8" Country of Origin (subject to change): China

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projects

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