

BIODIVERSITY DIGITAL ESCAPE ROOM

EDITABLE & DIGITAL

CHALLENGE #2

Match the everyday products with the diversity of organisms they are derived from to find the 12 letter and number combination (e.g., F5).

| Everyday Product | Organisms Derived From |
|---|----------------------------------|
| A. Traditional pain relievers | 1. Silkworm cocoons |
| B. Deodorants, nutritional supplements, shampoos, and toothpastes | 2. Soybeans |
| C. Silk | 3. Clay |
| D. Tofu | 4. Bark of the white willow tree |
| E. Bricks | 5. Petroleum wax |
| F. Chewing gum | 6. Pollen collected by bees |

RESOURCE INCLUDES

1. Digital Escape Room
2. 10 Challenges “Locks”
3. Teacher Instructions
4. Student Instructions
5. Answer Key
6. Reflection Questions



Your students have gotten lost in a forest!
Will they successfully complete the challenges so they can escape?

THE RULES

ESCAPE ROOM RULES



1. Once you and your team are ready to start, hit the timer button. You are not allowed to pause or change the time. Your teacher will tell you how long to set the timer for.
2. Make sure you look at and read **EVERYTHING** in each section including titles, images, etc.
3. Write answers in **ALL CAPS** with **NO SPACES**.
4. You are allowed **ONE FREE HINT**.
5. You can get two more hints, but they will cost you 3 minutes on the clock per hint!
6. Please do not Google the answers.
7. Please do not share your answers with other students.

**STUDENTS CAN
PLAY:**

- ✓ **INDIVIDUALLY**
- ✓ **PAIRS**
- ✓ **GROUPS**

THE STORYLINE

FOREST ADVENTURE



Your school has a pond and forest nearby. Your class has walked over to the pond area to observe nature. You think you spot a deer and chase after it to try and snap a photo of it. Before long, you realize you ran deeper into the forest than you intended to, and you are lost! Solve the next 10 challenges to see if you can find your way back to the pond.

SAMPLE CHALLENGE

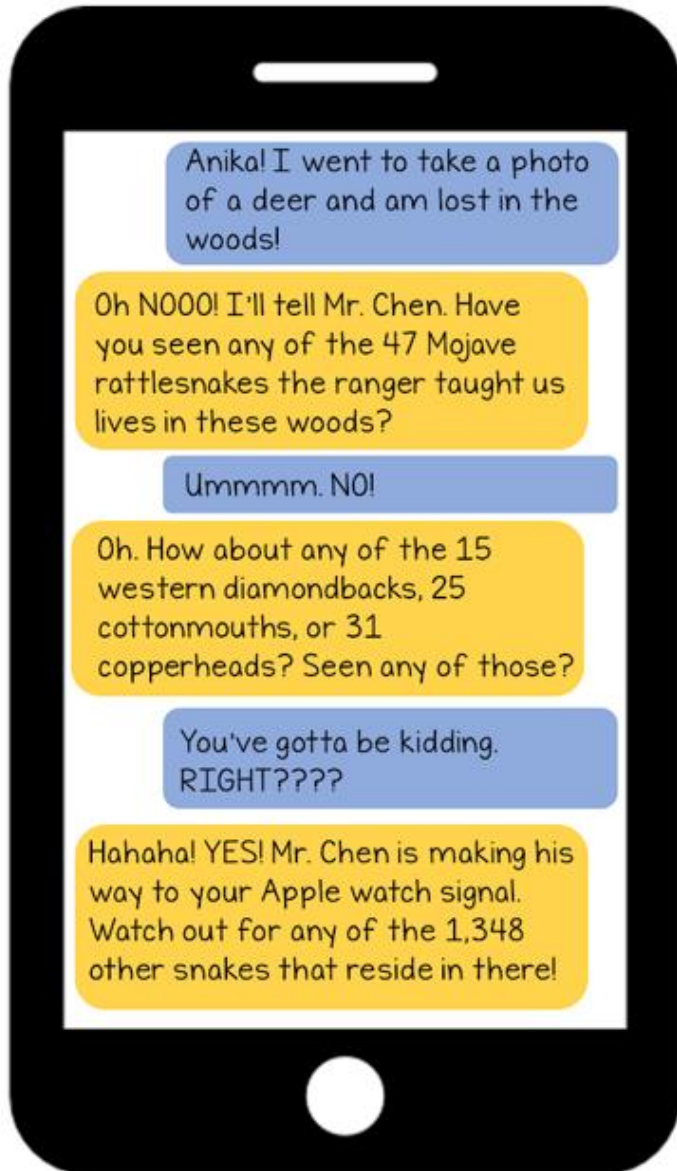
CHALLENGE #6



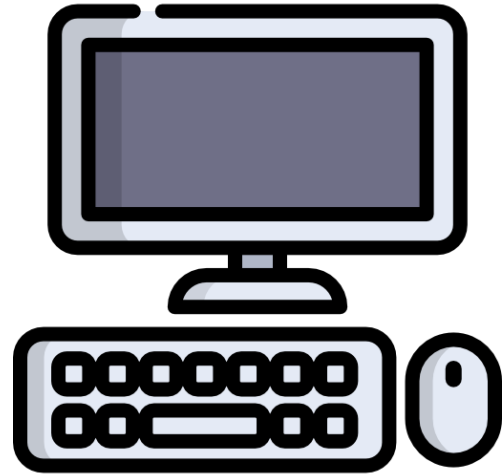
Read through this text message exchange between Anika and Liam to find the code.



**STUDENTS
ANALYZE THE
TEXT
MESSAGE TO
SOLVE THIS
CHALLENGE**



LESSON FORMAT



DIGITAL

✓ Editable Google Form


A screenshot of a digital escape room interface. At the top is a photograph of an orca swimming in blue water. Below the photo is a header bar that says "Section 1 of 15". The main title is "Biodiversity - Digital Escape Room" with a close button (X) and a menu button (three dots). Below the title is a subtitle: "Work through each set of challenges to solve the escape room." The form contains three input fields, each with a red asterisk indicating it is required. The first field is labeled "First Name" and has "Short answer text" below it. The second field is labeled "Last Name" and also has "Short answer text" below it. The third field is labeled "Class Code or Period" and has "Short answer text" below it. Each field has a dotted line indicating where to type.

RESOURCE CAN BE USED IN-PERSON OR ONLINE

LOVE DIGITAL ESCAPE ROOMS?


DIGITAL ESCAPE ROOM MEGA BUNDLE

EDITABLE & DIGITAL

CHALLENGE #1 

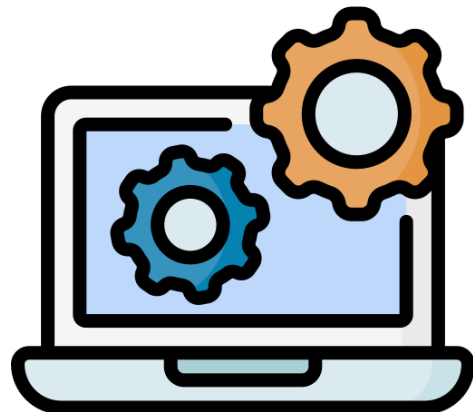
Watch the linked video and answer the questions below.
Use the answers to create the eight-letter code.

| | |
|---|--|
| 1. Who are the experts that design bridges? A. Mechanics B. Engineers C. Teachers D. Financial Analysts | 3. What are strong materials that large, sturdy bridges are often made of? A. Iron and steel B. Plastic and copper C. Steel and plastic D. Copper and iron |
| 2. Which bridge is said to be the world's busiest bridge? A. Golden Gate Bridge B. Sydney Harbor Bridge C. Confederation Bridge D. George Washington Bridge | 4. What is the most basic type of bridge? A. Arch bridge B. Suspension bridge C. Beam bridge D. Truss bridge |



**11 DIGITAL
ESCAPE ROOMS**

2 Peas
and a
Dog



DIGITAL ESCAPE ROOM MEGA BUNDLE

Get 11 exciting digital escape rooms to entertain and educate your middle school students. These digital escape rooms reinforce critical thinking, problem solving and literacy skills.

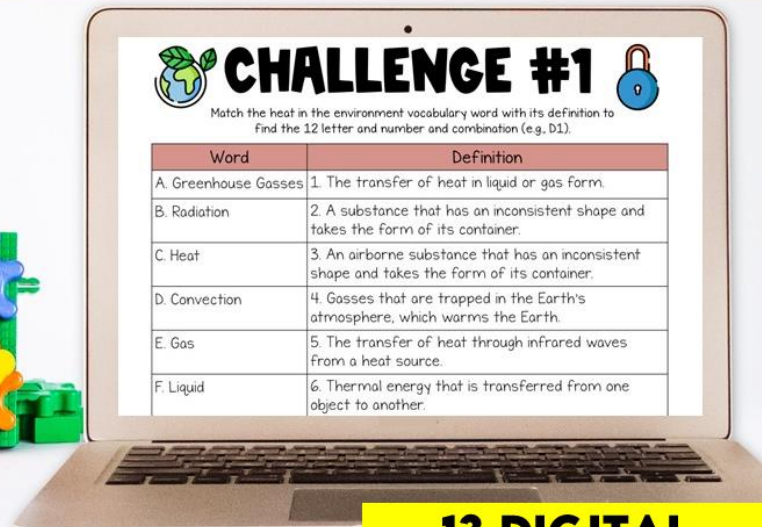
Purchase this bundle by clicking [here](#).

TEACH SCIENCE?



DIGITAL ESCAPE ROOM SCIENCE BUNDLE

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CHALLENGE #1

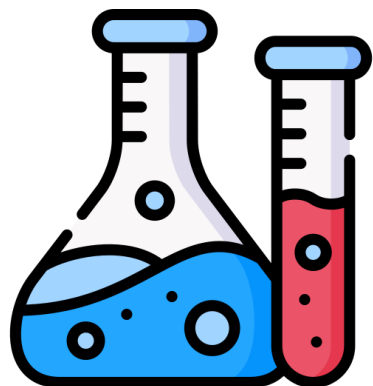
Match the heat in the environment vocabulary word with its definition to find the 12 letter and number combination (e.g. D1).

| Word | Definition |
|----------------------|--|
| A. Greenhouse Gasses | 1. The transfer of heat in liquid or gas form. |
| B. Radiation | 2. A substance that has an inconsistent shape and takes the form of its container. |
| C. Heat | 3. An airborne substance that has an inconsistent shape and takes the form of its container. |
| D. Convection | 4. Gasses that are trapped in the Earth's atmosphere, which warms the Earth. |
| E. Gas | 5. The transfer of heat through infrared waves from a heat source. |
| F. Liquid | 6. Thermal energy that is transferred from one object to another. |

**13 DIGITAL
ESCAPE ROOMS**

SCIENCE DIGITAL ESCAPE ROOM BUNDLE

Get 13 exciting digital escape rooms to entertain and educate your middle school students. These digital escape rooms reinforce critical thinking, problem solving, science and literacy skills.



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