

# YOU MAY ALSO LIKE:

## LANDFORMS

**DECODER #1**

**READING #1**

**QUESTIONS**

**CLUE #1**

**THINK TANK TOO**

ESCAPE ROOM

## LAYERS OF EARTH

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**READING #2**

**QUESTIONS**

**CLUE #2**

**THINK TANK TOO**

ESCAPE ROOM

## PLANET EARTH

**DECODER #1**

**READING #4**

**QUESTIONS**

**CLUE #4**

**THINK TANK TOO**

ESCAPE ROOM

## HURRICANES

**DECODER #1**

**READING #1**

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ESCAPE ROOM

## WATER CYCLE

**DECODER #2**

**READING #2**

**QUESTIONS**

**CLUE #2**

**THINK TANK TOO**

ESCAPE ROOM

**THINK TANK TOO**

# READING #1

**ECOSYSTEMS** - Ecosystems are where living creatures (plants and animals) interact with non-living things in an environment. Basically, it is how living things interact with the sun, soil, water, air, and each other. Living organisms include animals, plants, bacteria, fungi, and insects. Non-living things are rocks, dead trees, and water. All living organisms require other organisms in order to survive. For example, animals need food, water, and shelter.

Ecosystems vary in size. They can be as small as the bacteria on your skin or as large as an ocean.

Living beings rely on food, water, oxygen, nitrogen, and carbon. Balance is lost if new organisms are introduced, or there is disruption or destruction. Such disturbances include pollution, deforestation, land development, and removing natural resources. Adding animals that don't belong in a particular ecosystem can also interfere. Animal populations can't remain constant due to the predator-prey relationships.

# QUESTIONS

- Living beings rely on food, water, oxygen, nitrogen, and \_\_\_\_\_.
  - Potassium
  - Carbon
  - Neon
  - None of the above
- Which of the following is a disturbance?
  - Pollution
  - Deforestation
  - Land development
  - None of the above

# CLUE #1

\_\_\_\_\_ percent of the world's oxygen produced by \_\_\_\_\_ rainforests is...

# READING #3

Savannas are tropical grasslands with scattered trees and shrubs. They have rainy and dry seasons with warm weather. On savannas, you will find herds of animals.

The tundra biome is found in the extreme north. It accounts for 10 percent of the earth's surface. This cold and often frozen biome is dry. Beneath the top layer of ground is a layer called permafrost. Tundras have little nutrients to fuel plant and animal life. Some animals in the tundra change coats to blend in with the seasons. The arctic hare, ermine, and arctic fox are brown in summer and white in winter.

Tropical rainforests, located near the Equator, usually get over 75 inches of rain per year. Temperatures average between 70 and 90 degrees all year. Rainforests have 3 layers: the canopy (top layer of trees), the understory, and the forest floor. The canopy is home to most of the animals and plants. This includes monkeys, toucans and sloths. The understory is where you find snakes and frogs.

# QUESTIONS

## FILL IN THE BLANK

6. Tropical rainforests are located near the \_\_\_\_\_.

7. \_\_\_\_\_ have little nutrients to fuel plant and animal life.

8. On savannas, you will find herds of \_\_\_\_\_.

## CLUE #3

The \_\_\_\_\_ of the Amazon Rainforest that spans South America is.



# FINAL CODE

Use the answers found in the completed puzzles to determine the final code!

The number found in  
Puzzle #1 MINUS 99.

The number found in  
Puzzle #2 MINUS 595.

The number found in  
Puzzle #3 MINUS 38.

The number found in  
Puzzle #4 MINUS 20.

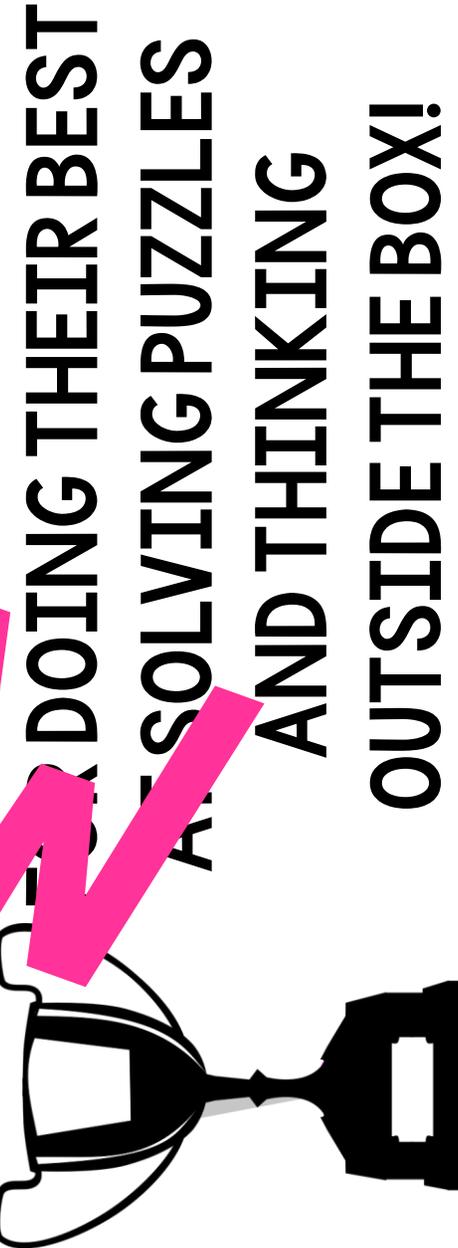
FINAL 4DIGIT CODE:

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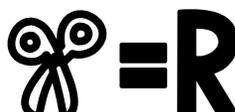
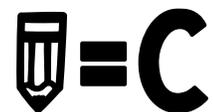
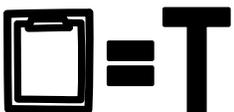
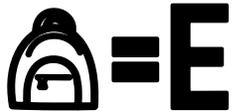
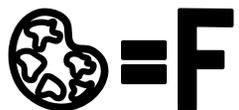
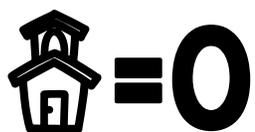
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# CERTIFICATE

THIS CERTIFICATE GOES TO



# DECODER #1



# DECODER #2

