

ECOSYSTEMS & BIOMES

ESCAPE ROOM

Station 1: Multiple Choice

6. Where are Tropical Rainforests located?
A. Near the South Pole
B. Near the Tropic of Cancer
C. Near the equator
D. None of the above

Station 2: Paragraphs

First, number ALL the paragraphs on your reading passage. Then, read each statement below and determine which paragraph NUMBER the statement can be found in. Paragraph numbers MAY be used more than one time or not at all. The directions below to reveal the 4-digit code and letter.

Station 3: True or False

Read each statement below and determine if it is true or false. If the statement is true, color the coin on YOUR answer sheet that corresponds with that question. If the statement is false, cross out that coin value. When you are finished add the TOTAL of ALL TRUE coin values to reveal your letter clue. One digit of the code has been provided for you. If the total is 625, a 6 would go in the first box, the 2 in the second box and so on.

Station 4: Logic Puzzle

The FIRST number of the lock is the number of layers that rainforests have MINUS 2.

The THIRD number of the lock is the percent of the Earth's surface the Tundra biome accounts for MINUS 12.

Once you determine the 4-digit code, decide if the code uses all EVEN #s, all ODD #s or a combination of both.

Station 5: Reading Passage

The Tundra is _____, treeless, and dry. The northernmost portions of land in the Arctic Circle are in the Tundra biome. It accounts for _____ percent of the Earth's surface. Beneath the top layer is frozen ground called permafrost. The Coral Reef aquatic biome is usually located in shallow warm water. It is made of _____ which are organisms that eat plankton and algae to grow. Once they die, new polyps grow on top of them. Coral Reefs make a great home for tropical fish to be protected from predators. Coral reef biomes include fringe, barrier, and atoll reefs. A _____ biome is the ocean where many plants, fish, and even mammals find their home. This biome makes up more than 70% of our Earth.

Once you determine the 4-digit code, decide if the code uses all EVEN #s, all ODD #s or a combination of both.

Station 6: Multiple Choice

7. The Taiga Forest, also known as a boreal or coniferous forest, is the coldest and driest type of forest.
8. The aquatic biomes include Coral Reef, Marine, and Freshwater biomes.
9. The Tundra is cold, treeless, and dry.
10. A Grassland biome is land filled with grass and usually experiences a hot summer and cold winter.

Station 7: True or False

A. The Atacama in South America is the largest hot and dry desert in the world.
B. The Taiga Forest is also known as a boreal or coniferous forest.
C. Tropical Rainforests are located near the equator.
D. Ecosystems are communities of living organisms and their physical environment.

Station 8: Reading Passage

ECOSYSTEMS AND BIOMES

Ecosystems and biomes work together and often get another. What is the difference? An ecosystem is the way other organisms survive together in a specific geographical ecosystem can be as small as a puddle or as large as a hundred square miles. A biome is a large area that is regardless of location. A biome is a large area that is itself. Everything that lives in a biome is part of that ecosystem is the way living organisms interact with the air, soil, and sunlight around them. Ecosystems are all a part of a biome. There are three aquatic biomes on Earth: Coral Reef, Marine, and Freshwater. The Taiga Forest, the Tundra, and the Desert are all terrestrial biomes. The Desert biome is mostly defined by the amount of precipitation it receives per year. The Desert biome is mostly defined by the amount of precipitation it receives per year.

THINK TANK

STATIONS ACTIVITY

WHAT'S INCLUDED?

- ✓ READING PASSAGE
- ✓ 5 STATIONS
- ✓ TEACHER GUIDE
- ✓ ANSWER KEY
- ✓ STUDENT DIRECTIONS
- ✓ TEXT MARKING OPTION
- ✓ PROP SIGNS

STATION 1: FILL IN THE BLANK

Use your reading passage to determine the missing words in the paragraph below. Each missing word has a corresponding NUMBER. The 4-digit code for this station will be the NUMBER for each missing word, in the same order in which they appear in the paragraph. Then, record the clue LETTER on your answer sheet.

STATION 2: PARAGRAPHS

First, number ALL the paragraphs on your reading passage. Then, read each statement below and determine which paragraph NUMBER the statement can be found in. Paragraph numbers MAY be used more than one time or not at all. Follow the directions below to reveal the 4-digit code and letter clue.

STATION 3: TRUE OR FALSE

Read each statement below and determine if it is true or false. If the statement is true, color the coin on YOUR answer sheet that corresponds with that question. If the statement is false, cross out that coin value. When you are finished add the TOTAL of ALL TRUE coin values to reveal your letter clue. One digit of the code has been provided for you. If the total is 625, a 6 would go in the first box, the 2 in the second box and so on.

STATION 4: COMBINATION

Use your reading passage to determine the combination to the 4-digit lock for this station. You're going to have to use your critical thinking skills and do a tiny bit of math. Pay attention because the "clues" below are NOT in order. There is room on your answer sheet to do the math.

STATION 5: MULTIPLE CHOICE

Answer each multiple-choice question below. Then, count the number of times you used each letter answer (ABCD) to reveal your 4-digit code. Letters may be used more than once or not at all. If a letter option is not used, put a zero in that box on your answer sheet.

ANSWER RECORDING SHEET

Record your answers for each station on this sheet. Then, use the directions below to determine final 4-digit ALPHA code. Ex: HBDR

STATION CODES

LETTER CLUE

STATION 1	→	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	CODE
-----------	---	----------------------	----------------------	----------------------	----------------------	------

A	B	C	D	E	F	
---	---	---	---	---	---	--

STATION 2	→	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	CODE
-----------	---	----------------------	----------------------	----------------------	----------------------	------

ENTER

1

2

3

TEACHER DIRECTION

- 1 Print the reading passage found on [pages 5-6](#) for EACH (front and back).
- 2 Print the answer recording sheet on [page 12](#) for each student group of students.

RECAP: Print pages 5, 6, and 12 for students.

STATION

5

BLUE

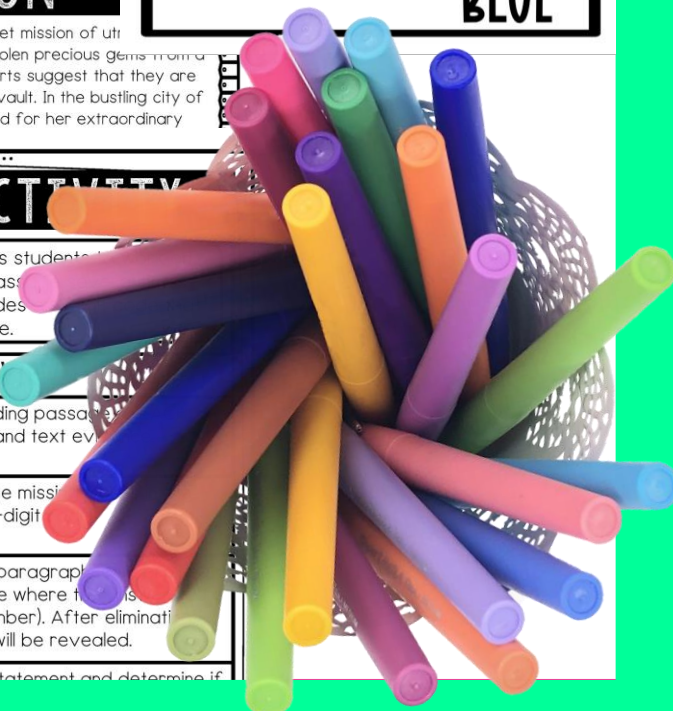
THE MISSION

You have been assigned a top-secret mission of utmost importance. A notorious thief has stolen precious gems from a prominent lady, and intelligence reports suggest that they are hidden in a heavily guarded secret vault. In the bustling city of Oakville, Lady Victoria was renowned for her extraordinary

ABOUT THIS ACTIVITY

The reading passage in this packet allows students to practice their comprehension skills after reading the passage. Students will be searching for evidence. Each station includes a question that will reveal a letter clue.

	OVERVIEW
READING PASSAGE	Students will use the reading passage at each station seeking answers and text evidence.
STATION 1	Students will determine the missing word in the paragraph to reveal a 4-digit code.
STATION 2	Students will number the paragraphs in the reading passage to determine where the missing words can be found (paragraph number). After eliminating the incorrect numbers, a 4-digit code will be revealed.
STATION 3	Students will read each statement and determine if it is true or false.



5 STATIONS

STATION 5: MULTIPLE CHOICE

Answer each multiple-choice question below. Then, count the number of times you used each letter answer (ABCD) to reveal a code. Letters may be used more than once or not at all. An option is not used, put an X in that box on your answer sheet.

1. What is the coldest type of forest?

A. Atoll Forest
B. Taiga Forest
C. Temperate Forest
D. Tropical Rainforest

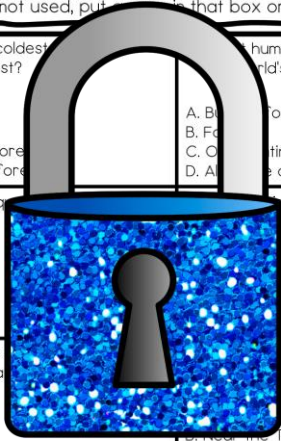
2. How many oceans does Earth have?

A. 1
B. 2
C. 3
D. 4

3. Which of the following is an example of a biome?

A. Fringe
B. Atoll
C. Barrier
D. All of the above

Count how many times you used each letter answer to determine the 4-digit code and record it on your answer sheet.



ANSWER RECORDING SHEET

Record your answers for each station on this sheet. Then, use the directions below to determine final 4-digit ALPHA code. Ex: HBDR

STATION CODES	LETTER CODE
STATION 1: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
STATION 2: A B C D E F	
STATION 3: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
STATION 4: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
STATION 5: 1 2 3 4 5 6	

Do your math in this area:

Once you determine the 4-digit code, decide if it uses all EVEN #s, all ODD #s or a combination of both.

STATION 4: COMBINATION

Use your reading passage to determine the combination to the 4-digit lock for this station. You're going to have to use your critical thinking skills and do a tiny bit of math. Pay attention because the "clues" below are NOT in order. There is room on your answer sheet to do the math.

1. The LAST number of the lock is the number of lakes on Earth.

2. The SECOND number of the lock is the percent of life on Earth.

3. The THIRD number of the lock is the number of continents.

4. The FOURTH number of the lock is the number of oceans.

Once you determine the 4-digit code, decide if the code uses all EVEN #s, all ODD #s or a combination of both.

ALL EVEN ALL ODD COMBO

STATION 1: FILL IN THE BLANKS

Use your reading passage to determine the missing word in each paragraph below. Each missing word has a corresponding NUMBER. The 4-digit code for this station will be the NUMBER of each missing word in the order in which they appear in the paragraph. The code will be recorded on your answer sheet.

1. Marine life includes krill.

2. Taiga is a cold forest.

3. Polyps are small organisms that live in the ocean.

4. The Tundra is a northern biome.

5. The Taiga is a boreal forest.

6. The Coral Reef is a marine biome.

7. The Tundra is a cold, dry biome.

8. A Grassland is a biome with wildflowers.

9. On Earth, there are several biomes.

10. The Temperate Rainforest and Tropical Rainforest contain many different plants, trees, and animals.

Once you determine the 4-digit code, decide if it uses all EVEN #s, all ODD #s or a combination of both.

ALL EVEN ALL ODD COMBO



STATION 3: TRUE OR FALSE

Read each statement below and determine if it is true or false. If the statement is true, color the coin on YOUR answer sheet that matches that question. If the statement is false, cross out that coin. Once you are finished coloring the coins, add up the TRUE coin values to determine the final 4-digit code. One digit of the code will be provided for you.

A. The Amazon rainforest is the largest rainforest in the world. (75)

B. The Taiga Forest is also known as a boreal forest. (25)

C. The Tundra is a cold, dry biome. (50)

D. A Grassland is a biome with wildflowers and usually experiences all four seasons. (100)

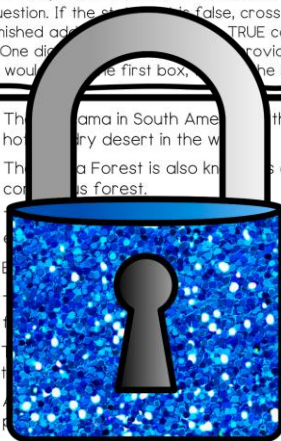
E. On Earth, there are several biomes.

F. The Temperate Rainforest and Tropical Rainforest contain many different plants, trees, and animals.

After shading the coins on your answer sheet, add up the TRUE statements to get the final total.

300 350 400

G D W



STATION 2: PARAGRAPHS

First, number ALL the paragraphs on your reading passage. Then, read each statement below and determine which paragraph NUMBER the statement can be found in. Paragraph numbers MAY be used more than once or not at all. Follow the directions below to determine the 4-digit code and letter clue.

A. The Taiga Forest is also known as a boreal forest. It is a cold and driest type of forest.

B. The aquatic biomes include Coral Reef, Freshwater biomes, and the Ocean.

C. The Tundra is a cold, dry biome.

D. A Grassland is a biome with wildflowers and usually experiences all four seasons.

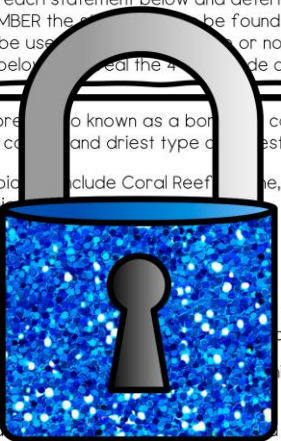
E. On Earth, there are several biomes.

F. The Temperate Rainforest and Tropical Rainforest contain many different plants, trees, and animals.

ELIMINATE the highest and lowest used paragraph numbers and record the remaining 4-digit code on your answer sheet. Decide which paragraph number was NOT used as a CODE answer.

NO 4 NO 9 NO 5

L C W



STATIONS

ABOUT THIS ACTIVITY

The reading passage in this packet allows students to work on comprehension skills after reading the passage several times searching for evidence. Each station includes a 4-digit code that will reveal a letter clue.


OVERVIEW

READING PASSAGE	Students will use the reading passage at EACH station seeking answers and text evidence.
STATION 1	Students will determine the missing words in the paragraph to reveal a 4-digit code.
STATION 2	Students will number the paragraphs and browse the passage to determine where the answers can be found (paragraph number). After eliminating numbers, a 4-digit code will be revealed.
STATION 3	Students will read each statement and determine if it is true or false. They will then ADD all TRUE values to find the 4-digit code.
STATION 4	Students will do some basic math here, read the passage to find the answers and then determine the 4 digit code.
STATION 5	Students will answer 6 multiple choice questions which lead them to a 4 digit code based on the number of times they used each "ABCD" answer.
TEXT MARKING	OPTIONAL: A color code chart is included in case you want students to mark the text, citing evidence of where they found their answers. (This will increase completion time)

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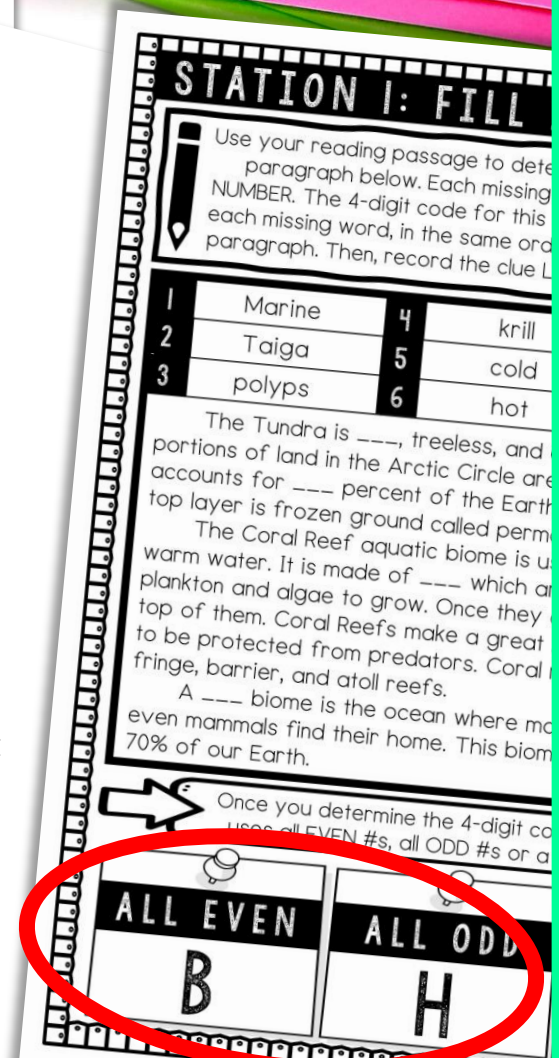
**STUDENTS WILL
USE THE SAME
READING
PASSAGE AT
EACH STATION
SEEKING
ANSWERS AND
TEXT EVIDENCE.**

HOW IT WORKS



ENGAGING READING
COMPREHENSION PRACTICE!

- 1 Students work individually (or in pairs) and visit 5 stations, answer questions, decipher a 4-digit code at each station and grab a "letter" clue for the final alpha code.
- 2 Students will answer the questions (found directly in the passage) on their own recording sheet. Students will have to revisit their reading passage several times at EACH station skimming for answers.



STATION 1: FILL

Use your reading passage to determine the missing word in each paragraph below. Each missing word is represented by a NUMBER. The 4-digit code for this station is _____. Write the missing word in the same order as the numbers. Then, record the clue letter.

1	Marine	4	krill
2	Taiga	5	cold
3	polyps	6	hot

The Tundra is _____, treeless, and _____ portions of land in the Arctic Circle area. _____ accounts for _____ percent of the Earth's surface. The top layer is frozen ground called permafrost.

The Coral Reef aquatic biome is unique to warm water. It is made of _____ which are home to plankton and algae to grow. Once they are on top of them. Coral Reefs make a great barrier to be protected from predators. Coral reefs include fringing, barrier, and atoll reefs.

A _____ biome is the ocean where most marine mammals find their home. This biome covers 70% of our Earth.

Once you determine the 4-digit code for this station, use all EVEN #s, all ODD #s or a combination of both to determine the letter clue.

ALL EVEN	ALL ODD
B	H

BENEFITS

- ✓ STATIONS AND MOVEMENT
- ✓ CLOSE READING
- ✓ COMPREHENSION SKILLS
- ✓ SECRET CODES
- ✓ CITING EVIDENCE
- ✓ CRITICAL THINKING
- ✓ PRINT AND GO
- ✓ ACTIVE LEARNING
- ✓ CROSS-CURRICULAR
- ✓ HIGHLY ENGAGING
- ✓ NO LOCKS NEEDED
- ✓ NO SILLY ENVELOPES TO STUFF
- ✓ NO ODD SHAPES TO CUT OUT



Everything a teacher dreams of wrapped up into one FUN and engaging activity!

USE FOR:



ANTICIPATORY SETS



UNIT REVIEW



EARLY FINISHERS



STATIONS



REWARD ACTIVITY



CENTERS



SUB PLANS



PARTNER WORK



ENRICHMENT

