

WORLD'S OCEANS

CUBE CODE

deepest place in the world is the
A. Sandwich Trench
B. Mariana Trench
C. Tonga Trench
D. None of the above

Which ocean is the warmest of the five oceans?
A. Atlantic Ocean
B. Southern Ocean
C. Pacific Ocean
D. Indian Ocean

What percent of the Earth's water is freshwater?
A. Around 3%
B. Around 12%
C. Around 16%
D. Around 25%

the year the Great Barrier Reef became a World Heritage Site MINUS 1979.

The FIRST number of the lock is the year Roald Amundsen reached the South Pole MINUS 1910.

The THIRD number of the lock is the percent of the world's volcanoes located in the Pacific Ocean basin MINUS 71.

4	Sandwich	7	smallest
5	Mariana	8	Crawfish
6	Pangaea	9	largest

The Antarctic Ocean is also known as the Southern Ocean. This ocean is located around the continent of Antarctica. It covers about 30% of the world's surface.

STATION 2:

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. Lastly, eliminate ANY answer where the answer was found in an EVEN numbered paragraph, leaving only ODD numbers as your final code (in the order of questions). Paragraph numbers MAY be used more than one time or not at all.

STATION 3:

Read each statement below and determine if it is true or false. If the statement is true, color or shade the coin that corresponds to the value. If the statement is false, cross out that coin value. After you are finished add the TOTAL of ALL TRUE coin values. The code has been provided for you. If the total is 625, a 6 in the first box, the 2 in the second box and so on.

NAME: _____

A	75	A. The Pacific Ocean covers more than 60% of the Earth.	E	100
B	25	B. The Arctic Ocean is the shallowest of all the oceans.	F	75
C	50	C. The Gulf Stream carries warm water from the Gulf of Mexico to the North Atlantic.	G	50
		D. The emperor penguin, the world's largest penguin species, live on the ice of the Southern Ocean.	H	25
		E. The Indian Ocean is found between North America and South America.	I	10

CUBE CODE

What year was the U.S. Constitution signed?
A. 1787
B. 1789
C. 1791
D. 1793

What is the largest body of water in the world?
A. Atlantic
B. Pacific
C. Indian
D. Arctic

What is the largest body of water in the world?
A. Atlantic
B. Pacific
C. Indian
D. Arctic

What is the largest body of water in the world?
A. Atlantic
B. Pacific
C. Indian
D. Arctic

4 DIGIT CODE:

A The Southern Ocean is the second smallest ocean and covers 7.8 million square miles.

B The Mid-Atlantic Ridge is the longest mountain range in the world.

C The largest barrier reef in the world is the Great Barrier Reef.

D There are about 100 million species of life on Earth.

E The deepest trench in the world is the Mariana Trench.

F About 70% of the Earth's surface is covered by water.

ELIMINATE

OCEANS OF THE WORLD

There are five major oceans that cover about 70% of Earth's surface. They are connected into one large body of water, however, they are divided by location and separate the 7 continents. The oceans in order from smallest to largest include the Arctic, Antarctic, Indian, Atlantic and Pacific. The oceans are all made up of saline (salt) water. Less than three percent of the Earth's water is freshwater.

The Pacific Ocean is the largest and deepest ocean in the world with the longest shoreline. It is located between Australia and Asia to the west and the Americas to the east. The ocean is divided into the North Pacific and South Pacific. It covers more than 30% of the Earth and is larger than all the land continents combined. The deepest part of the Pacific Ocean is the Mariana Trench.

the Atlantic Ocean includes whales, walrus, and seals.

largest (but saltiest) of the world's oceans.

THINK TANK

STATION 1:

Use your reading passage or deductive reasoning skills to determine the missing words in the paragraph below. Each missing word has a corresponding NUMBER. The 4-digit code will be the NUMBER of each missing word in the same order in which they appear in the paragraph.

STATION 2:

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. Lastly, eliminate ANY answer where the answer was found in an ODD numbered paragraph, leaving only EVEN numbers as your final code (in the order of questions). Paragraph numbers MAY be used more than one time or not at all.

STATION 3:

Read each statement below and determine if it is true or false. If the statement is true, color or shade the coin 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. 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:

Use your reading passage to determine the combination to the 4-digit lock. 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.

STATION 5:

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

STATION 6:

Reread the passage and write the main idea in your own words. Then, add TWO supporting details that back up your main idea or topic sentence.

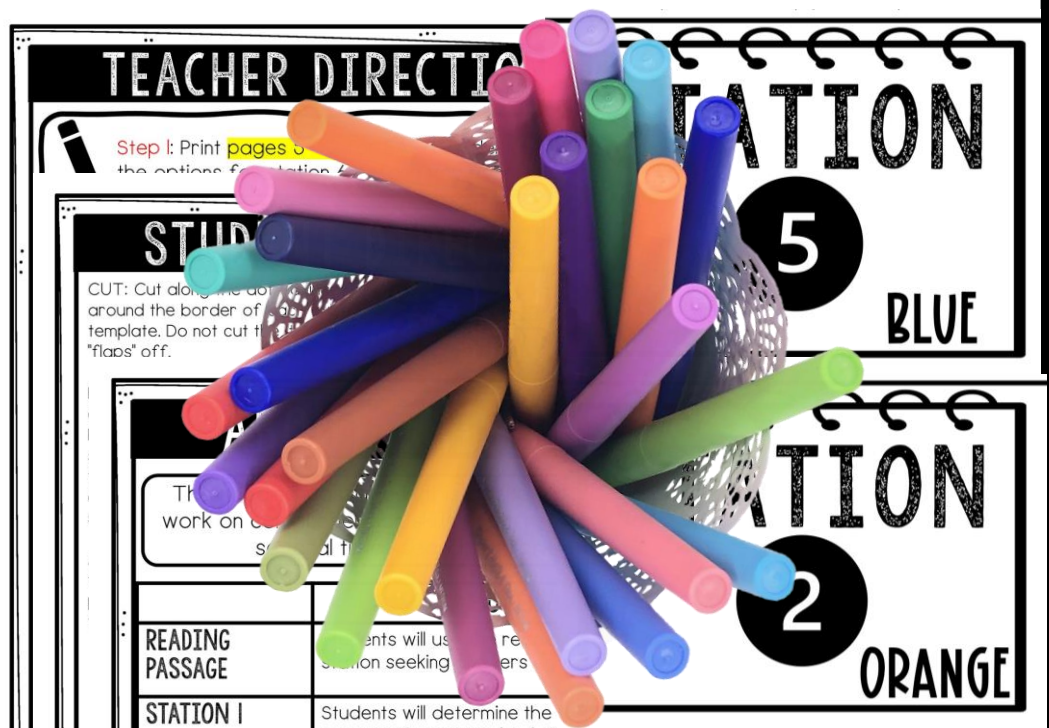
STATION

1

RED

WHAT'S INCLUDED?

- READING PASSAGE
- 6 STATIONS
- TEACHER GUIDE
- STATION CARDS
- ANSWER KEY
- STUDENT DIRECTIONS
- TEXT MARKING OPTION
- ALTERNATE STATION
- ASSEMBLY TIPS



6 STATIONS

STATION 1:

Use your reading passage or deductive reasoning to determine the missing words in the paragraph below. The missing word has a corresponding NUMBER. The 4-digit code will be the NUMBER of each missing word in the same order in which they appear in the paragraph.

1	Krill	4	Sandwich	7	smallest
2	Austral	5	Mariana	8	Crawfish
3	Eurasia	6	Pangaea	9	largest

The Antarctic Ocean is also known as the Southern Ocean. It is located around the continent of Antarctica. The Southern Ocean covers 7 million years of the world's oceans. It is the largest permafrost species, the continent of Antarctica and like creatures that live in the freezing water below the surface of the Antarctic Ocean. The deepest part is the

STATION

1

RED

STATION 6:

Reread the passage and write the main idea in your own words. Then, add TWO supporting details that back up your main idea or topic sentence.

STATION

6

STATION 4:

Use your reading passage to determine the combination to the 4-digit lock. 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.

The LAST number of the lock is the average depth (in feet) of the Arctic Ocean MINUS 3,950.

The SECOND number of the lock is the

STATION

4

GREEN

4 DIGIT CODE

STATION 5:

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

- What is the deepest place in the world?
- South Sandwich Trench
 - Mariana Trench
 - Austral Trench
 - None of the above
- Which ocean is the second smallest ocean?
- Southern Ocean
 - Indian Ocean
 - Atlantic Ocean
 - Arctic Ocean

- Where can the Arctic be found?
- Pacific Ocean
 - Arctic Ocean
 - Indian Ocean
 - Atlantic Ocean
- What percentage of the world's water is salt water?
- Around 3%
 - Around 12%
 - Around 16%
 - Around 25%

- Antarctic Ocean
- Pacific Ocean
- Arctic Ocean
- Indian Ocean

STATION

5

BLUE

A B C D

STATION 3:

Read each statement below and determine if it is true or false. If the statement is true, color or shade the coin that corresponds to the statement. If the statement is false, do not color or shade the coin. One coin has been colored to show the first box of the code.

STATION

3

YELLOW

A
75

B
25

C
50

D
100

- The Gulf Stream carries warm water from the Gulf of Mexico to the North Atlantic.
- The emperor penguin is the world's largest penguin species, living on the ice of the Southern Ocean.
- The Indian Ocean is found between North America and South America.
- The oceans are all made up of salt (salt) water.
- Wildlife in the Arctic includes polar bears, whales, walrus, and seals.
- The second largest (but shallowest) ocean is the Atlantic.

4 DIGIT CODE

STATION 2:

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. Lastly, eliminate ANY answer where the answer was found in an EVEN numbered paragraph, leaving only ODD numbers as your final answer. Paragraph

STATION

2

ORANGE

- The largest coral reef in the world is the Great Barrier Reef, located on the Australian coast in the Pacific.
- There are five major oceans that cover about 70% of Earth's surface.
- The deepest place in the world is the Mariana Trench, which is 35,797 feet under the Pacific.
- About 80% of the world's volcanoes are located on the Pacific Ocean basin, known as the Ring of Fire.

ELIMINATE ALL EVEN NUMBERS TO DETERMINE THE FINAL CODE.

4 DIGIT CODE



SAMPLE CUBE



STATIONS

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 EVEN 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 "answer".
STATION 6	Option 1: Main idea writing activity Option 2: Color and add topic
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.

**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 6 stations, grabbing one side of their cube at each station.

2

Students will answer the questions (found directly in the passage) on their cube sheet before assembly. Students will revisit their reading passage at EACH station!

3

Students will reveal 4-digit codes to move on to the next station. When they finish all stations, they can color and assemble their cube.

STATION

Read each statement below and determine if the statement is true, color or shade the corresponding question. If the statement is false, cross it out. When you are finished add the TOTAL of ALL TRUE statements. A code has been provided for you. If the total is 75, write the 7 in the first box, the 5 in the second box and so on.

A. The Pacific Ocean covers more than 60% of the Earth.

B. The Arctic Ocean is the smallest and shallowest of all the oceans.

C. The Gulf Stream carries warm water from the Gulf of Mexico to the North Atlantic.

D. The emperor penguin, the world's largest penguin species, live on the ice of the Southern Ocean.

E. The Indian Ocean is found between Africa, Australia, America and South America.

F. The oceans are all made up of salt water.

G. Wildlife in the Atlantic Ocean includes bears, whales, walrus, and seals.

H. The second largest (but saltiest) ocean is the Atlantic.

4 DIGIT CODE →

COMBINATION



Each Cube Code is a winning combination of:

- stations and movement
- close reading
- comprehension skills
- coloring and stress relief
- secret codes
- cut and paste
- citing evidence
- critical thinking

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

BENEFITS



THINK OUTSIDE THE BOX!

-  ANTICIPATORY SETS
-  UNIT REVIEW
-  EARLY FINISHERS
-  STATIONS
-  SUB PLANS
-  PARTNER WORK
-  ENRICHMENT

-  HANDS-ON
-  CROSS-CURRICULAR
-  HIGHLY ENGAGING

