

# GREAT LAKES

## CUBE CODE

Great Lakes, what is the largest?

lake is home named Bessie?

A. Ontario  
B. Erie  
C. Michigan  
D. Superior

The Great Lakes are interconnected, with water flowing into what ocean?

A. Atlantic  
B. Indian  
C. Pacific  
D. Southern

Which of the Great Lakes does the Goderich Mine run under?

A. Ontario  
B. Huron  
C. Michigan  
D. Superior

Of the 5 Great Lakes, what is the shallowest lake?

A. Ontario  
B. Erie  
C. Michigan  
D. Superior

the percent of average annual ice coverage on Lake Superior MINUS 59.

The FIRST number of the lock is the percent of the Earth's surface freshwater the Great Lakes provide MINUS 18.

The THIRD number of the lock is the deepest point of Lake Erie (in feet) MINUS 202.

4	Lawrence	7	thousand
5	Augustine	8	Canada
6	million	9	Michigan

Lake \_\_\_\_\_ is the smallest of the five lakes, covering \_\_\_\_\_ means "lake of shining water" called Wyandot. Most of \_\_\_\_\_ through Niagara Falls. It is the only \_\_\_\_\_ day, it is

7,340 square \_\_\_\_\_ named from \_\_\_\_\_ its water \_\_\_\_\_ borders \_\_\_\_\_ lake that \_\_\_\_\_ the most \_\_\_\_\_ Babe R \_\_\_\_\_ Ontario

### 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 question. If the statement is false, cross out that coin value. After you are finished add the TOTAL of ALL TRUE coin values. 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.

- A** The Goderich Mine, the largest salt mine in the world, runs partially under Lake Huron.
- B** Lake Michigan connects to Lake Huron at the Straits of Mackinac.
- C** According to the Constitution, Ontario is a province.
- D** Most of the Great Lakes are in the United States.
- E** Lake Erie is the shallowest of the five lakes.
- F** Lake Erie is the only lake that does not border Canada.

### GREAT LAKES

The Great Lakes are five large lakes located in North America. The lakes include Superior, Michigan, Huron, Erie, and Ontario. Collectively, the Great Lakes contain 21% of the Earth's surface freshwater, covering over 95,000 square miles. Most of the lakes border Canada and 8 states in the United States. Scientists have concluded that the Great Lakes were formed about 14,000 years ago from a large glacier that melted. Although the Great Lakes are an important part of the economy (trade and transportation), they are also used for recreational activities such as fishing and sailing.

The Great Lakes are interconnected, and the water flows from Lake Superior to Lake Huron, then to Lake Michigan, and then to Lake Erie. From Lake Erie, the water flows into the Niagara River.

A	75
B	25
C	50
E	100
F	75
G	50

A. Lake Erie is the shallowest of the lakes, only reaching 210 feet deep.

B. Lake Huron is the coldest and the deepest of the Great Lakes.

C. Ontario means "lake of shining water" named from an Indigenous group called Wyandot.

D. Lake Michigan is the second largest of the Great Lakes, covering 234,000 square miles.

E. Lake Michigan is the only lake that does not border Canada.

F. Lake Erie is the only lake that does not border Canada.

G. Lake Erie is the smallest of the five lakes, covering 7,340 square miles.

H. Lake Erie is the only lake that does not border Canada.

### 4 DIGIT CODE

A. The Constitution is organized into seven different parts called Articles. (E 100)

B. The Constitutional Convention was held in Boston, Massachusetts. (F 75)

C. The 3 branches include the Legislative, Executive and Parliament Branch. (G 50)

D. The first ten amendments came in 1791 and are called the Bill of Rights. (H 25)

E. Before the Constitution, a strong federal government held the states together. (I 100)

F. The opening part of the Constitution is called the Preamble. (J 25)

G. George Washington was known as the "Father of the Constitution." (K 50)

H. The U.S. Constitution is the oldest government document still in use today. (L 100)

4 DIGIT CODE:



### 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.

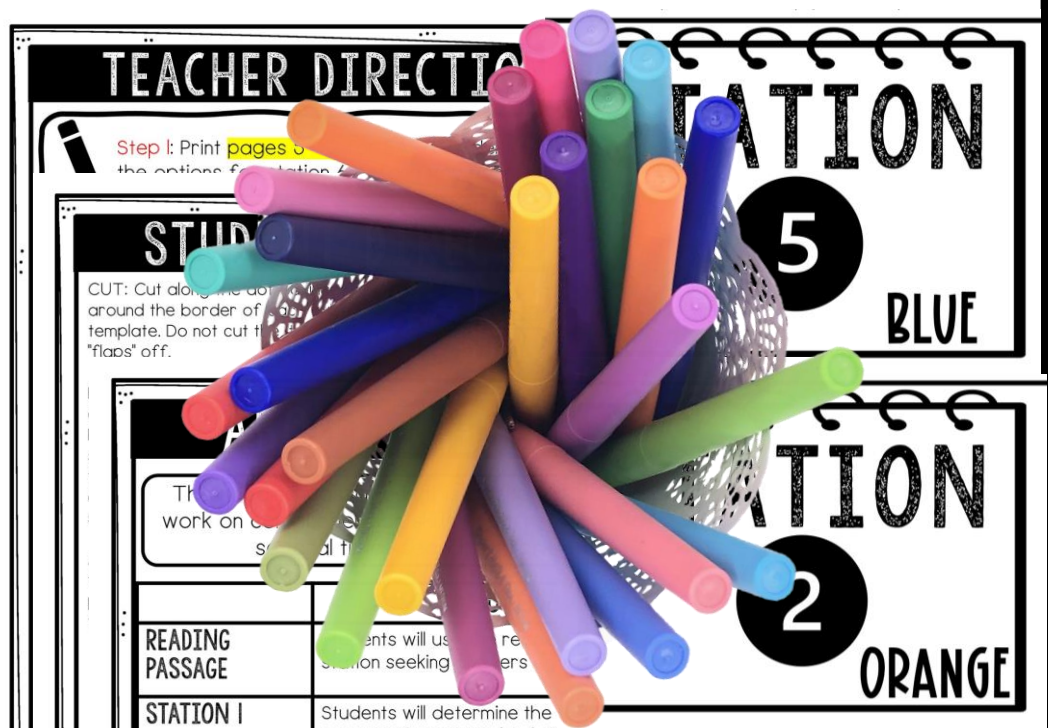
# STATION

# 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	Erie	4	Lawrence	7	thousa
2	Ontario	5	Augustine	8	Canad
3	Hudson	6	million	9	Michig

Lake \_\_\_\_\_ is the smallest of the five lakes, covering 7,340 square miles. It is named for the first European to discover its waters. \_\_\_\_\_ borders \_\_\_\_\_ and \_\_\_\_\_ lake that \_\_\_\_\_ the most \_\_\_\_\_ Babe Ruth \_\_\_\_\_ Ontario b \_\_\_\_\_ The \_\_\_\_\_ Great Lakes \_\_\_\_\_ the Atlantic Ocean. It allows ships to reach the industrial and farming regions that surround the Lakes. Thousa

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.

MAIN IDEA

STATION

6



SUPPORTING DETAIL #2

## 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 deepest point of Lake Michigan (in feet) MINUS 920.

The SECOND number of the lock is

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 (A B C D) 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.

Of the 5 Great Lakes, what is the third largest?

- A. Huron
- B. Michigan
- C. Erie
- D. Ontario

According to legends, which lake is home to a sea monster named Bessie?

- A. Ontario
- B. Erie

What state borders Michigan?

- A. Illinois
- B. Indiana
- C. Wisconsin
- D. All of the above

Of the 5 Great Lakes, which is the shallowest?

- A. Ontario
- B. Erie
- C. Michigan
- D. Superior

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 value. If the statement is false, do not color or shade the coin. Once you are finished, add up the values of the coins to reveal your 4 digit code. The first box is already filled in for you.

STATION

3

YELLOW

A  
75

B  
25

C  
50

D  
100

- C. Ontario means "lake of the shining waters" named after an Indigenous group called the Huron.
- D. Lake Michigan is the second largest of the Great Lakes, covering 234,000 square miles.
- E. Lake Michigan is the only lake that does not border Canada.
- F. Lake Ontario is the smallest of the five lakes, covering 7,340 square miles.
- G. On the American side, Lake Superior borders the states of Ohio, Indiana, and Michigan.
- H. The Great Lakes are five large lakes located in North America.

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 possible answers. The final code is the sum of the Paragraph numbers.

STATION

2

ORANGE

A

B

C

D

E

F

G

H

- The \_\_\_\_\_ was the first European to discover the waters of the Great Lakes.
- Lake \_\_\_\_\_ is the second largest of the Great Lakes, covering 234,000 square miles.
- According to legends, \_\_\_\_\_'s first professional home was found in Lake Ontario, but has never been found.
- Most of the lakes border Canada and 8 states in the United States.
- Lake Erie is the fourth largest lake as well as the shallowest.
- Lake Superior is the largest of the five lakes, covering 31,700 square miles.

ELIMINATE ALL EVEN NUMBERS TO DETERMINE THE FINAL CODE.

4 DIGIT CODE

A  B  C  D

# 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, the 7 in the first box, the 5 in the second box and so on.

**A**  
75

**B**  
25

**C**  
50

**D**  
100

**A.** Lake Erie is the shallowest of the Great Lakes, only reaching 210 feet deep.

**B.** Lake Huron is the coldest and deepest of the Great Lakes.

**C.** Ontario means "lake of shining waters" from an Indigenous group called the Huron.

**D.** Lake Michigan is the second largest of the Great Lakes, covering 234,000 square miles.

**E.** Lake Michigan is the only lake that does not border Canada.

**F.** Lake Ontario is the smallest of the Great Lakes, covering 7,340 square miles.

**G.** On the American side, Lake Superior borders the states of Ohio, Iowa, and Michigan.

**H.** The Great Lakes are five large lakes located in North America.

**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

