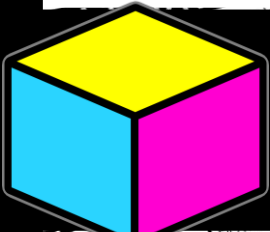


# PLANET EARTH

## CUBE CODE



et is NOT known as  
al planet?

Earth have

A. None  
B. One  
C. Two  
D. Three

How many main layers does  
the Earth's atmosphere  
consists of?

A. 5  
B. 7  
C. 9  
D. 14

How many major oceans  
Earth have?

A. 5  
B. 7  
C. 9  
D. None of the

Which layer of the  
atmosphere is the coldest  
region?

A. Exosphere  
B. Stratosphere  
C. Troposphere  
D. Mesosphere

the number of days a Leap Year  
has MINUS 360.

The FIRST number of the lock is  
the number of continents Earth  
has MINUS 6.

The THIRD number of the lock is  
the number of hours it takes for Earth  
to make one rotation MINUS 19.

Valhalla 7 33%  
Amazon 8  
Nile 9

Utopia 5  
Pangea 6

The surface of the Earth is covered with \_\_\_ water  
and 96.5% of the Earth is up of the oceans. The Earth  
has changed years ago. Billions of years ago, the Earth  
impact on covers the Earth. Billions of years ago, the Earth  
movement event included the Earth. The Earth  
Australia

**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. When you  
are finished add the TOTAL of ALL TRUE coin values. The Earth  
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. Most of the places on Earth experience four seasons.  
B. Earth is the only planet that was named after a god or goddess.  
C. The Earth is commonly referred to as the Red Planet.  
D. The mantle is the middle layer and also the widest.  
E. There are over 4,500 artificial satellites that are currently in orbit around Earth.

**PLANET EARTH**  
There are eight major planets that revolve around the sun. Mercury, Venus, Earth, and Mars are called terrestrial planets or inner planets because they have a rocky surface and few or no moons.  
Earth is the third planet from the sun and the fifth largest planet in the solar system. It is inhabited by humans and living organisms and is the only planet with oxygen, which makes it possible to support life. The sun provides the Earth with energy and heat that humans, plants, and animals need to survive. The Earth has one moon in its orbit. Although the moon looks smooth when viewed from Earth, in reality, it is covered with craters (holes).  
The word "Earth" comes from an Anglo-Saxon word "Erda," which means soil or ground. Of all the planets in the solar system, Earth is the only one that has liquid water on its surface. Earth is the only planet in the solar system that has a large body of water on its surface. Earth is the only planet in the solar system that has a large body of water on its surface.

**THINK TANK**

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.

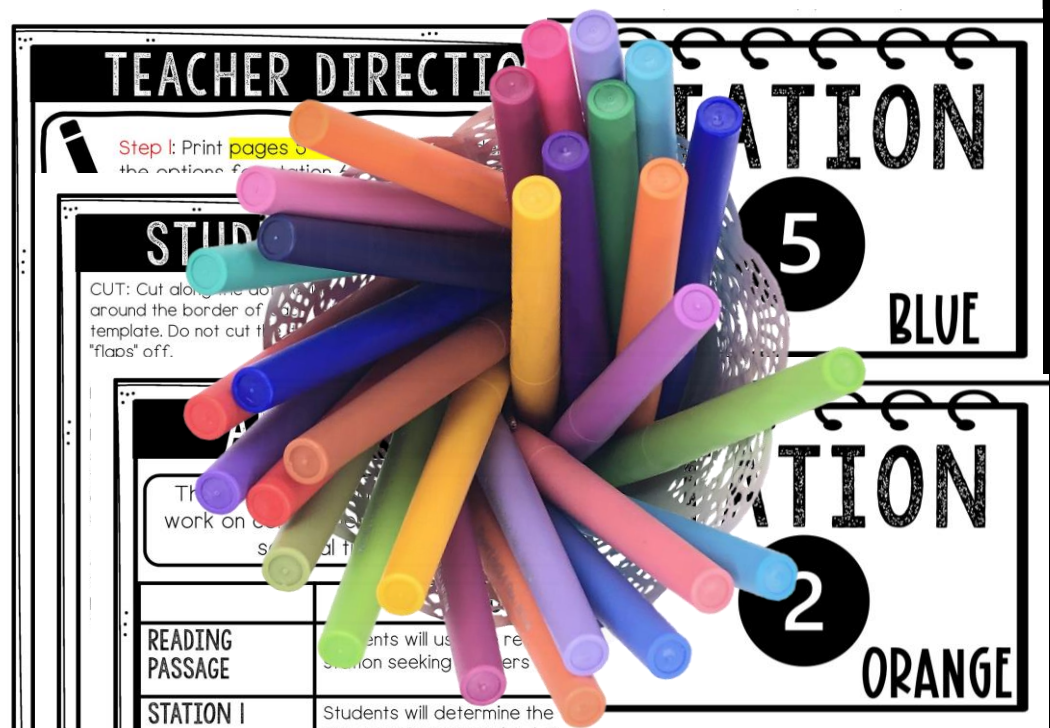
# STATION

# 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	5	4	Valhalla	7	33%
2	Utopia	5	71%	8	Amazon
3	Pangea	6	7	9	Nile

The surface of the Earth is covered with \_\_\_\_\_ water and 96.5% \_\_\_\_\_ land. The Earth has \_\_\_\_\_ billions of years ago. \_\_\_\_\_ have had an impact on the land that \_\_\_\_\_ named \_\_\_\_\_ because of the \_\_\_\_\_ atmosphere. \_\_\_\_\_ continents include \_\_\_\_\_ America, \_\_\_\_\_ Australia, Europe, and Antarctica. Earth has \_\_\_\_\_ major oceans which include the Atlantic, Pacific, Indian, and \_\_\_\_\_.

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 number of main layers the Earth is divided into MINUS 1.

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 (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.

Which planet is NOT known as a terrestrial planet?

- A. Mars
- B. Earth
- C. Mercury
- D. Saturn

How many moons does the Earth have in its orbit?

- A. None
- B. One

Which layer contains 80% of Earth's atmosphere?

- A. Mantle
- B. Crust
- C. Inner Core
- D. Outer Core

Which layer of the atmosphere is closest to the surface of the Earth?

- A. Exosphere
- B. Stratosphere
- C. Troposphere
- D. Mesosphere

A. 5

B. 7

C. 9

D. None of the above

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 digit of the code.

STATION

3

YELLOW

A  
75

B  
25

C  
50

D  
100

C. The Earth is commonly referred to as the Red Planet.

D. The mantle is the middle layer and also the widest.

E. There are over 4,500 artificial satellites that are currently in orbit around Earth.

F. The exosphere is closest to the surface where humans, plants, and animals live.

G. Earth is the largest planet in the solar system.

H. Mount Everest is the highest point above sea level.

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. The final digit of the code is the sum of the remaining numbers.

STATION

2

ORANGE

A

B

C

D

E

F

G

H

I

J

K

L

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 4-digit code has been provided for you. If the total is 75, the code is 7521. If the total is 100, the code is 1002.

**A** 75

A. Most of the places on Earth have four seasons.

**B** 25

B. Earth is the only planet that was named after a god or goddess.

**C** 50

C. The Earth is commonly referred to as the Red Planet.

**D** 100

D. The mantle is the middle layer of the Earth and is the widest.

E. There are over 4,500 artificial satellites that are currently in orbit around Earth.

F. The exosphere is closest to the Earth's surface where humans, plants, and animals live.

G. Earth is the largest planet in the solar system.

H. Mount Everest is the highest point on Earth above sea level.

**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

