

EARTH DAY

CUBE 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 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 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.

EARTH DAY
Earth Day is celebrated on April 22nd every year. The first Earth Day celebration was in 1970 and each year the celebrations get bigger and better. As people became more and more dependent on industry, no one realized how much damage the pollution was doing to the planet. In the book, *Silent Spring* by Rachel Carson in 1962, the world learned how bad pollution actually was. People were able to read startling facts about the connections between pollution and living organisms. Not just people were being affected by the pollution that could be seen and smelled in the air, water, and soil, but plants and animals as well. The book is a New York Times Best Seller and quickly sold 500,000 copies in 24 countries. It raised awareness about the dangers of pollution and led to the creation of the Environmental Protection Agency (EPA) and the Clean Air Act.

THE RECYCLING RATE
The recycling rate in 2012 MINUS 30.
The FIRST number of the lock is the recycling rate in 1980 MINUS 2.
The THIRD number of the lock is the number of plastic bags on reusable bag can prevent MINUS 591.

QUESTIONS:
1. The recycling rate in 2012 MINUS 30.
2. The FIRST number of the lock is the recycling rate in 1980 MINUS 2.
3. The THIRD number of the lock is the number of plastic bags on reusable bag can prevent MINUS 591.

ANSWERS:
1. 74%
2. 5
3. 9

COIN VALUES:
A. 75
B. 25
C. 50
D. 100
E. 100
F. 75
G. 50
H. 25

4 DIGIT CODE:

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.

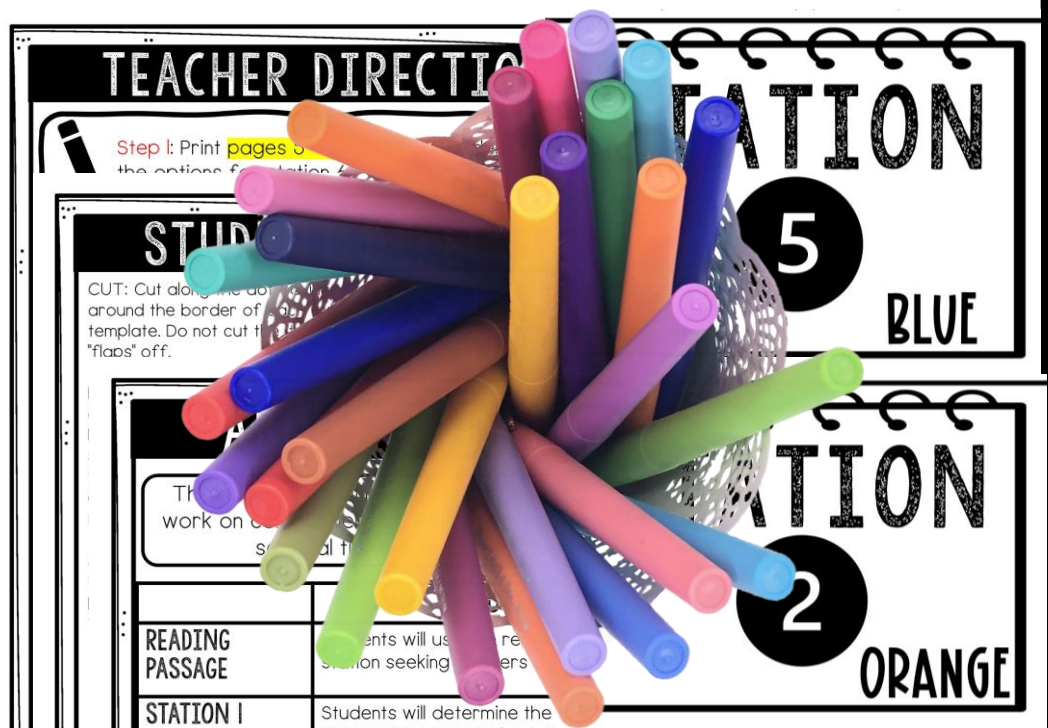
STATION

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 | million | 4 | billion | 7 | 1970 |
| 2 | 74% | 5 | 86% | 8 | 1975 |
| 3 | China | 6 | Chile | 9 | 1980 |

That first Earth Day in _____ also prompted the creation of the National Environmental Protection Agency and the National Clean Air Act, and that were animals, _____ In 20 _____ Earth Day emissions _____ Afghanistan _____ trees are cut down each year. _____ absorb CO2 (carbon dioxide).

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 year Silent Spring was published MINUS 1960.

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.

The first Earth Day prompted the creation of what?

- A. Clean Water Act
- B. Clean Air Act
- C. EPA
- D. All of the above

Gaylord Nelson was a senator from what state?

- A. California
- B. Wisconsin

Using recycled paper to make paper products helps reduce air pollution.

- A. 44%
- B. 54%
- C. 64%
- D. 74%

On April 22nd, 1970, 20 million Americans participated in Earth Day.

- A. 20 million
- B. 30 million
- C. 40 million
- D. Over 50 million

- A. Middle of the week
- B. After Spring Break
- C. Before final exams
- D. All 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 value. 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. On Earth Day, some people planted trees or clean up their neighborhoods.

D. On April 22nd, 1970, 20 million Americans participated in Earth Day.

E. Senator Nelson worked with Congressmen Pete McCloskey and conservative Democrats.

F. Earth Day is celebrated on April 22nd every year.

G. Senator Nelson was inspired by the anti-Vietnam War protests held by students.

H. The first Earth Day celebration was in 1974.

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 code. Paragraph

STATION

2

ORANGE

A

B

C

D

E

F

G

H

I

J

K

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

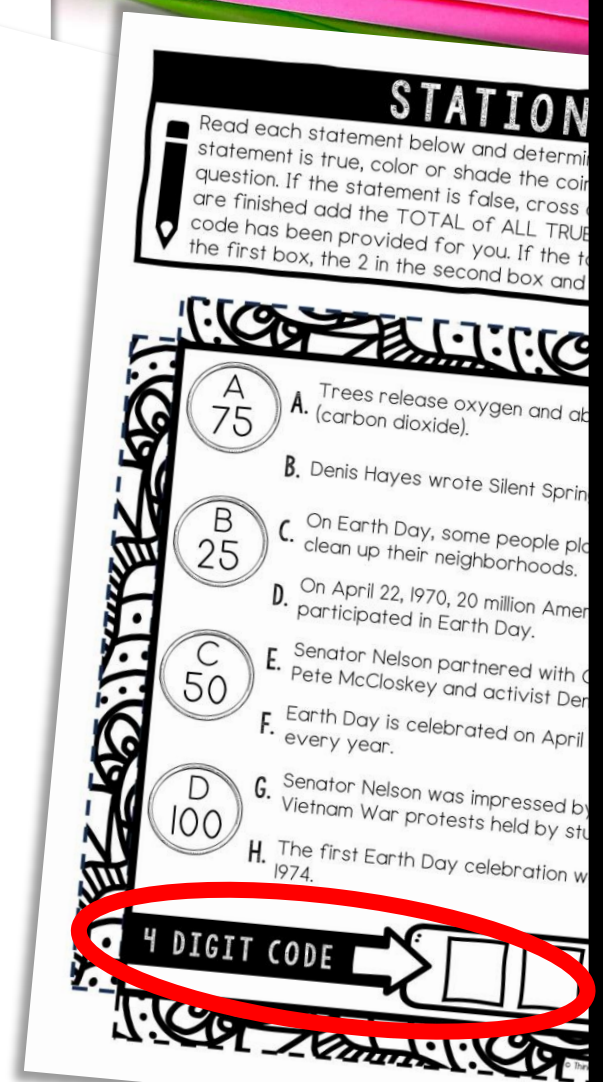
Students work individually (or in pairs) and visit 6 stations, grabbing one side of their cube at each station.

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, the 1 in the first box, the 2 in the second box and so on.

A. Trees release oxygen and absorb carbon dioxide.

B. Denis Hayes wrote Silent Spring.

C. On Earth Day, some people planted trees to clean up their neighborhoods.

D. On April 22, 1970, 20 million Americans participated in Earth Day.

E. Senator Nelson partnered with Governor Pete McCloskey and activist Doreen Firestone.

F. Earth Day is celebrated on April 22 every year.

G. Senator Nelson was impressed by the anti-Vietnam War protests held by students.

H. The first Earth Day celebration was held in 1974.

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

