

ALEXANDER GRAHAM BELL

CUBE CODE

Alexander Graham Bell first used during war?

A. Vietnam War
B. Korean War
C. World War I
D. World War II

What was Alexander Graham Bell known for?

A. Scientist
B. Inventor
C. Engineer
D. All of the above

Who was the first U.S. president to use the telephone?

A. Garfield
B. Hayes
C. Taft
D. Roosevelt

In honor of Bell, how long was every phone in North America silenced for?

A. One minute
B. Five minutes
C. One hour
D. One day

the day in February that Bell filed his telephone patent MINUS 12.

The FIRST number of the lock is the number of pounds the Cygnet weighed MINUS 191.

The THIRD number of the lock is the year Alexander Graham Bell was born MINUS 1840.

4	World War I	7	Madison
5	17th	8	Garfield
6	World War II	9	Hayes

Bell continued to improve the telephone and in 1877 he formed the Bell Telephone Company, known today as AT&T. By 1886, over 100,000 telephones were in use in the United States. The telephone became a dominant form of communication in the early 20th century. The invention of the telephone was a virtual revolution in communication.

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. A 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 Bell founded a school for the deaf in 1872 which later became part of Boston University.

B In his honor, every telephone in North America was silenced for one minute.

C On March 3, 1847, Alexander Graham Bell was born in Scotland.

D Bell was an engineer and inventor best known for the telephone.

E Bell's first telephone was invented in 1876.

F By 1886, over 100,000 telephones were in use in the United States.

ALEXANDER GRAHAM BELL

Alexander Graham Bell was a scientist, engineer, and inventor best known for the telephone. He was also a teacher for the deaf. Bell was born in Scotland on March 3, 1847. He didn't have Graham for a middle name until he was ten years old. As a boy, he was homeschooled by his father. At the age of 12, this young entrepreneur invented a machine that could clean wheat. His research on hearing and speech later influenced his life work.

Bell's father was a professor of elocution, which is the study of the art of speaking clearly and effectively. Bell's mother was deaf, as well as his wife. Bell and his father both worked with deaf students to teach them how to speak. His father was well known for his writings of Visible Speech, which taught those hard of hearing to speak by watching the lips and throat of the speaker.

A 75

B 25

C 50

D 100

E 100

F 75

G 50

H 25

I 100

J 75

K 50

L 25

M 100

N 75

O 50

P 25

Q 100

R 75

S 50

T 25

U 100

V 75

W 50

X 25

Y 100

Z 75

4 DIGIT CODE

1 2 3 4

5 6 7 8 9



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.

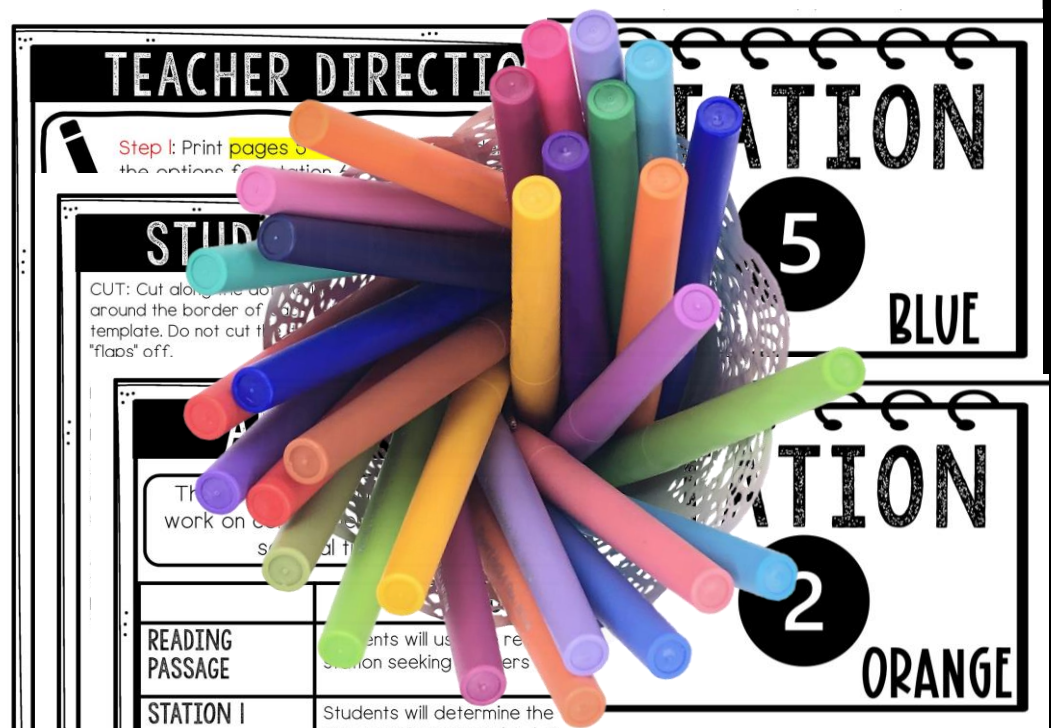
STATION

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	19th	4	World War I	7	Madison
2	Verizon	5	17th	8	Garfield
3	AT&T	6	World War II	9	Hayes

Bell continued to improve the telephone and in 1876 he formed the first telephone company. Today as you know, the telephone is used everywhere in the world (1881). By the early 20th century, the telephone industry was dominant in the United States. Aside from his inventions, the inventor of the metal detector. This device works by creating a sound when near metal. He originally developed 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.

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 age of Bell when he got his middle name MINUS 9.

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.

Where was Alexander Graham Bell born?
 A. United States
 B. Scotland
 C. England
 D. France

When was the metal detector first used to locate mines during war?
 A. Vietnam War
 B. Korean War

What did Bell invent?
 A. Metal detector
 B. Audiometer
 C. Telephone
 D. All of the above

In honor of every phone silenced for
 A. One minute
 B. Five minutes
 C. One hour
 D. One day

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 question. If the statement is false, do not color or shade the coin. One coin has been colored to show the first coin.

A
75

B
25

C
50

D
100

STATION

3

YELLOW

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

A

B

C

D

E

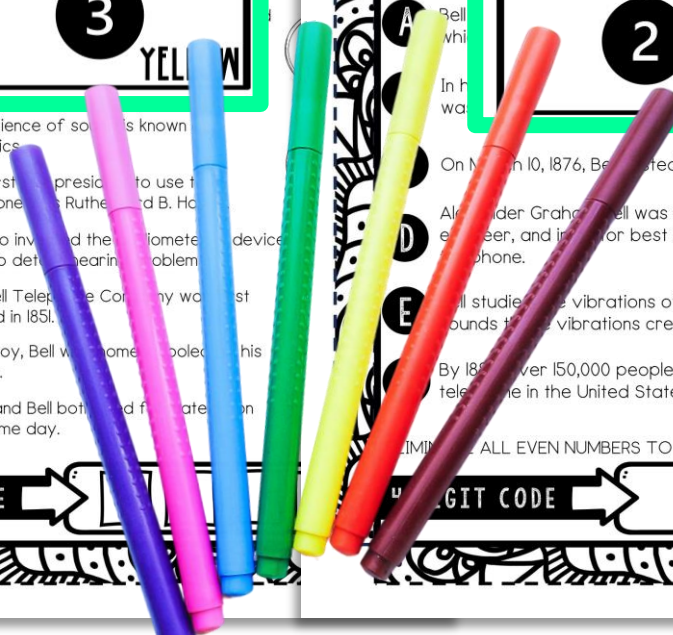
STATION

2

ORANGE

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 75

A. With the money from investment, Bell hired an assistant named Thomas Watson.

B 25

B. Elocution is the study of the art of speaking clearly and effectively.

C 50

C. The science of sound is known as linguistics.

D 100

D. The first U.S. president to use the telephone was Rutherford B. Hayes.

E 50

E. Bell also invented the audiometer, a device used to detect hearing problems.

F 50

F. The Bell Telephone Company was formed in 1851.

G 50

G. As a boy, Bell was homeschooled by his father.

H 50

H. Gray and Bell both filed for patents for the telephone on the same day.

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

