

RESPIRATORY SYSTEM

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. A total 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.

RESPIRATORY SYSTEM
The human body has many important systems with specific functions, or jobs. These systems work with different organs to help keep the body alive. The respiratory system is necessary because it is how humans breathe. It works to take in oxygen and get rid of carbon dioxide, with the help of the lungs. The respiratory system includes the nose, mouth, larynx, trachea, bronchial tubes, lungs, and diaphragm.
Each time a person breathes in, different kinds of gas enter the body. Oxygen is a gas that is found in the air that every living thing needs to survive. Oxygen is also needed to help turn the food we eat into energy for our bodies to use. In addition to breathing, respiration enables us to talk, hiccup, cough, and sneeze.

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.

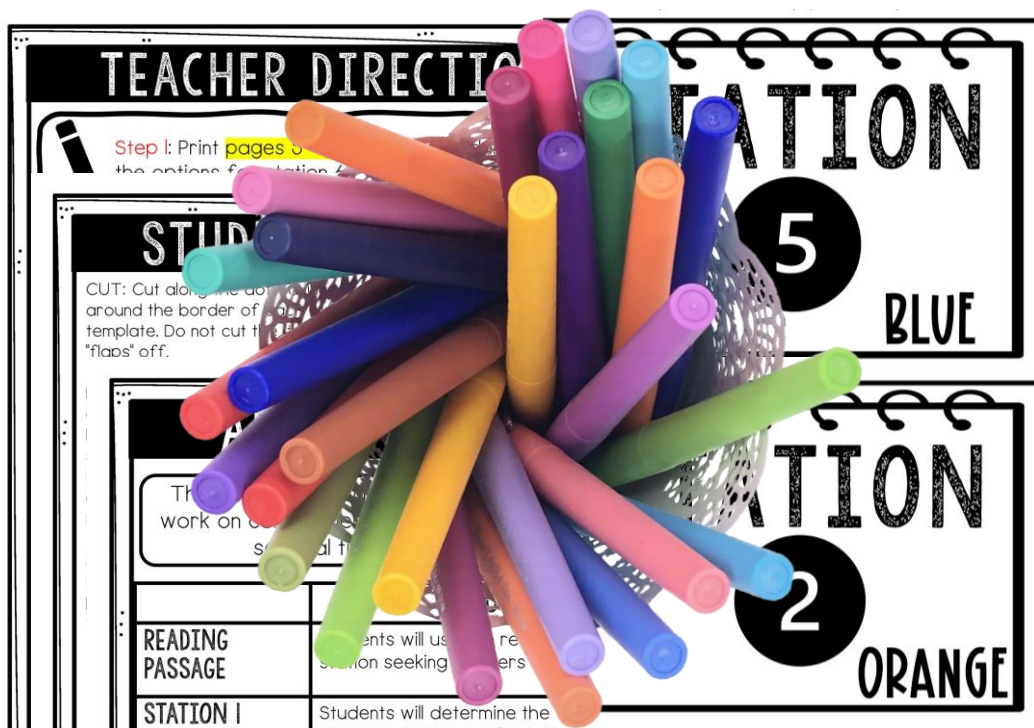
STATION

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.

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

SUPPORTING DETAIL #1



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 number of sets of ribs the lungs have.

STATION

4

GREEN

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.

STATION

5

BLUE

At the end of the trachea are two main tubes called what?

- A. Jejunum
- B. Bronchi
- C. Cilia
- D. Retina

How many ways does air enter the body?

A. 2

Oxygen gets picked up by blood.

- A. Plasma
- B. Platelets
- C. Alveoli
- D. Hemoglobin

What filter out dust and germs from the air?

- A. Alveoli
- B. Cilia
- C. Enzymes
- D. Bronchi

Lung problems called asthma.

- A. Orthodontists
- B. Cardiologists
- C. Podiatrists
- D. Pulmonologists

A B C D

STATION 3:

Read each statement below and determine if it is true or false. Write the number of the statement in the box. If the statement is false, write the number of the question it is false for. If the statement is true, write the number of the first letter of the word that is true.

STATION

3

YELLOW

A 75

B 25

C 50

D 100

C. The pharynx is located at the top of the lungs.

D. Every time a person breathes in, the diaphragm contracts.

E. Experts who diagnose breathing issues and lung problems are called pulmonologists.

F. The right lung is divided into five lobes, while the left lung is divided into two lobes.

G. In the nose, tiny hairs called cilia catch out mucus or dirt in the air.

H. In addition to breathing, respiration enables us to talk, cough, laugh, and sneeze.

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 not found in the passage. Only ONE number should be left. Write the number in the box.

STATION

2

ORANGE

A. An airway is a tube that carries air to and from the lungs.

B. From the trachea, the airway branches out into smaller and smaller tubes called bronchioles.

C. The respiratory system is necessary because it allows humans to breathe.

D. The blood in the capillaries takes up oxygen from the air in the alveoli.

E. Each time a person breathes in, different kinds of air enter the body.

F. The respiratory system is necessary because it allows humans to breathe.

G. The blood in the capillaries takes up oxygen from the air in the alveoli.

H. Each time a person breathes in, different kinds of air enter the body.

I. The respiratory system is necessary because it allows humans to breathe.

J. The respiratory system is necessary because it allows humans to breathe.

K. The respiratory system is necessary because it allows humans to breathe.

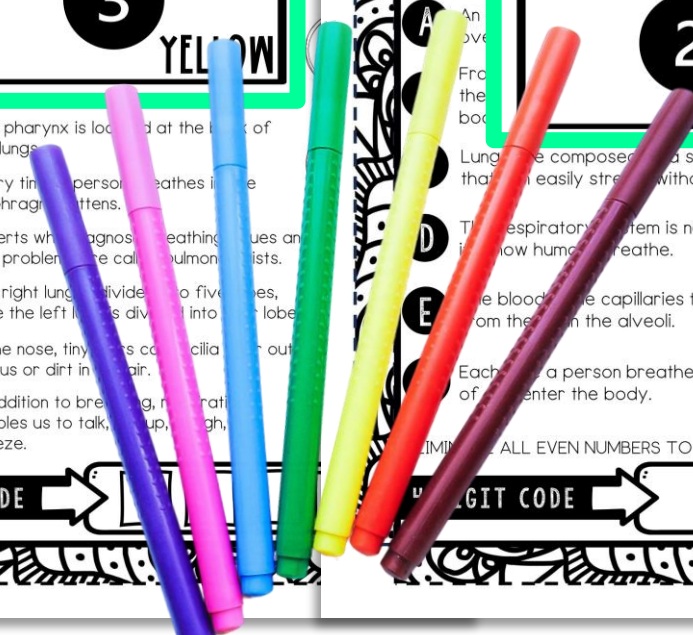
L. The respiratory system is necessary because it allows humans to breathe.

M. The respiratory system is necessary because it allows humans to breathe.

N. The respiratory system is necessary because it allows humans to breathe.

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

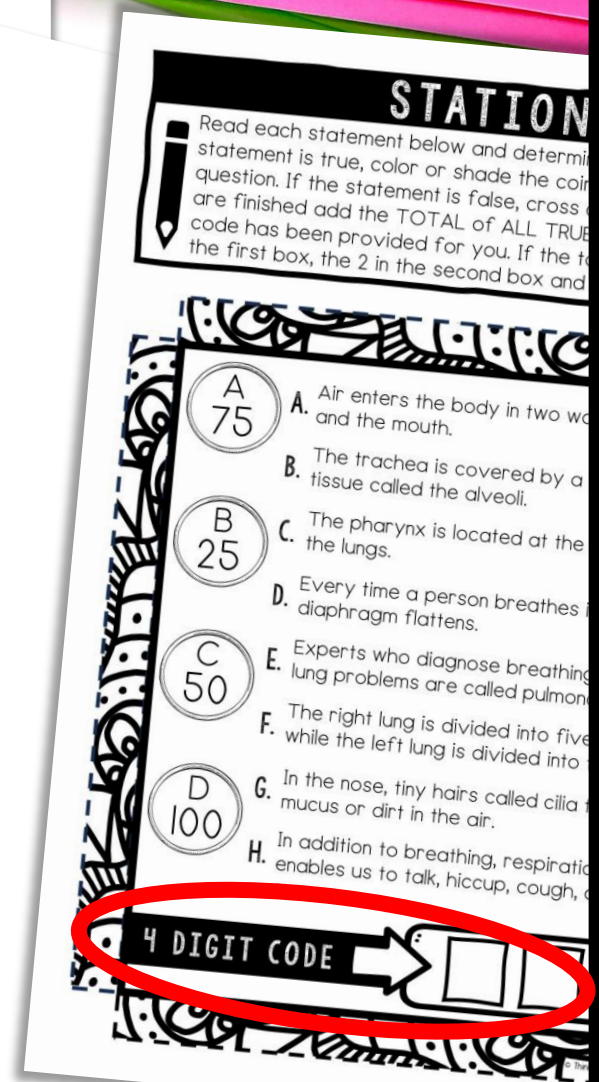
Students work individually (or in pairs) and visit 6 stations, grabbing one side of their cube at each station.

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.



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

