

DINOSAURS & EXTINCTION

CUBE CODE

Station 1:

the longest tooth (in inches) discovered that belonged to a T-Rex MINUS 10.

The FIRST number of the lock is the weight (in tons) of the Dreadnoughtus MINUS 60.

The THIRD number of the lock is the year Buckland named the animal Megalosaurus MINUS 1820.

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 value. If the statement is false, cross out that coin value. After 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.

DINOSAURS

Did you know that humans today drink the same water that dinosaurs once did? Dinosaurs were lizard-like reptiles that lived on Earth more than 65 million years ago. They were the main animals roaming the planet for 150 million years. The word dinosaur comes from the Greek language and means "terrible lizard." These animals lived during the Mesozoic Era, also known as the Age of Dinosaurs. The era is broken down into three periods known as Triassic, Jurassic and Cretaceous periods. Throughout these periods, many different dinosaurs lived and died, with some becoming extinct and new ones emerging.

There were many different types of dinosaurs of various sizes. Some were the size of a chicken, while others were the size of a truck.

THINK TANK

CUBE CODE:

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.

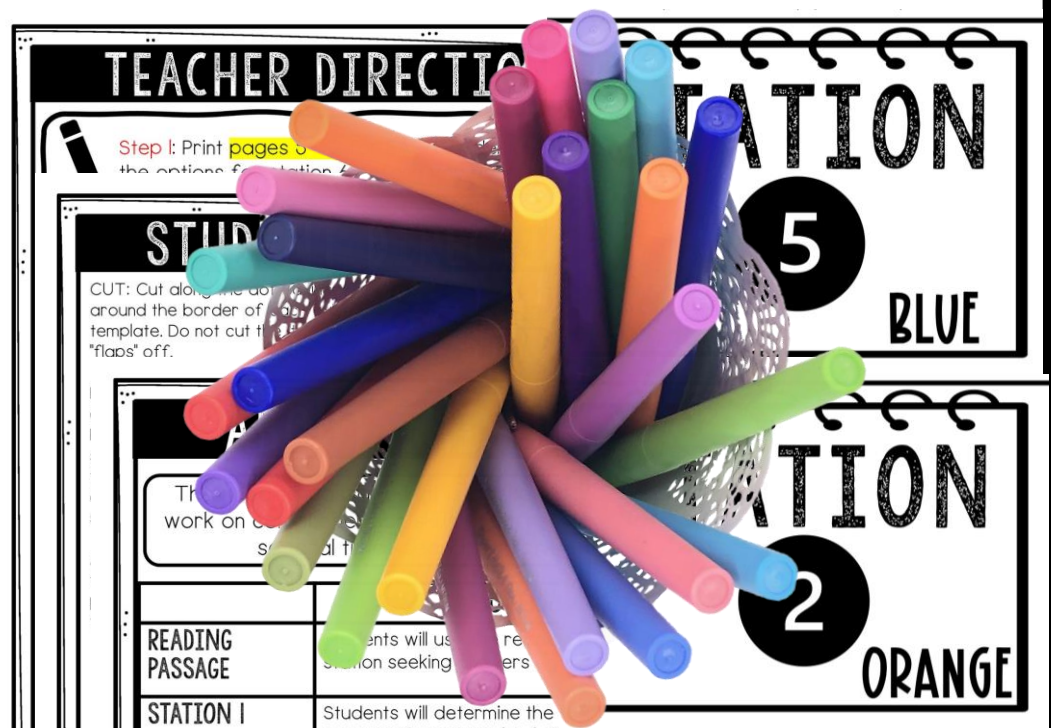
STATION

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	prey	4	carnivore	7	huicule
2	predators	5	herbivore	8	ptero
3	lightest	6	omnivore	9	heavie

Tyrannosaurus Rex was one of the greatest _____ one of the largest _____ 40 feet _____ and allow _____ They had _____ large _____ have strong _____ vision and _____ long and the _____ teeth were _____ inches long. _____ longest to _____ a T-Rex was _____ inches long.

Scientists do not know for sure which was the largest or smallest dinosaur. Some theorize that 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 number of known species of extinct dinosaurs MINUS 692.

The SECOND number of the lock is the _____

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.

What is the oldest known dinosaur?

- A. T-Rex
- B. Eoraptor
- C. Priapulid
- D. Arachnid

What was the longest part of the Drednoughtus?

- A. Neck
- B. Thigh

How many feet long was the front of the Triceratops?

- A. 3
- B. 4
- C. 5
- D. 6

How long is the longest dinosaur in length?

- A. 40 feet
- B. 60 feet
- C. 80 feet
- D. 100 feet

Who was the first dinosaur to be found by who?

- A. Asimov
- B. Edinburgh
- C. Payne
- D. Buckland

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 it. One coin has been colored for you. The 4-digit code has been revealed. The first box is empty.

STATION

3

YELLOW

A 75

B 25

C 50

D 100

- C. Ophthalmologist and scientists who study dinosaurs.
- D. Humans have learned about dinosaurs through the fossils that remain.
- E. The Mesozoic Era was also known as the Age of Dinosaurs.
- F. Humans today think the same way that dinosaurs once did.
- G. The word dinosaur comes from the Roman language and means "scaly lizard".
- H. The Ornithomimus was like one of the fastest dinosaurs.

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 4-digit code is the sum of the paragraph numbers.

STATION

2

ORANGE

A

B

C

D

E

F

G

H

I

J

ELIMINATE ALL EVEN NUMBERS TO DETERMINE THE FINAL CODE.

4 DIGIT CODE

6 STATIONS

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. Scientists do not know for sure what the largest or smallest dinosaur was.

B 25

B. At the end of the Triassic Period, many dinosaurs became extinct.

C 50

C. Ophthalmologists are scientists who study dinosaurs.

D 100

D. Humans have learned about dinosaurs through their fossils or remains.

E

E. The Mesozoic Era was also known as the Age of Dinosaurs.

F

F. Humans today drink the same water as dinosaurs once did.

G

G. The word dinosaur comes from the Greek language and means "scaly lizard."

H

H. The Ornithomimus was likely one of the fastest dinosaurs.

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

