

YOU MAY ALSO LIKE:

SOLAR SYSTEM

DECODER #2

READING #3

QUESTIONS

CLUE #3

THINK TANK

ESCAPE ROOM

LAYERS OF EARTH

DECODER #1

READING #2

QUESTIONS

CLUE #2

THINK TANK

ESCAPE ROOM

PLANET EARTH

DECODER #1

READING #4

QUESTIONS

CLUE #4

THINK TANK

ESCAPE ROOM

HURRICANES

DECODER #1

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QUESTIONS

CLUE #1

THINK TANK

ESCAPE ROOM

WATER CYCLE

DECODER #2

READING #2

QUESTIONS

CLUE #2

THINK TANK

ESCAPE ROOM



READING #3

By studying the geology of the land, scientists can figure out when previous ice ages occurred. Scientists study the chemicals in rocks and soils.

Louis Agassiz, a Swiss scientist, began to study the ice age in the 1800s. He was one of the most famous scientists of his time. He believed that boulders and large rocks were left behind by glaciers. The glaciers could carry the large boulders many miles from one place to the next. Other scientists thought he was foolish.

Agassiz later proved his theory by showing that boulders from the glaciers were made of granite. No other rocks or boulders in the area were made of granite so they had to have been moved there from the glaciers.

Large valleys, mountain tops, sand and gravel piles were additional evidence that were all formed by the movement of the glaciers. Agassiz was one of the first few scientists to study the evidence of the ice ages.

QUESTIONS

FILL IN THE BLANK

6. Agassiz was one of the first few scientists to _____ the evidence of the ice ages.

7. Louis Agassiz, a _____ scientist, began to study the ice age in the 1800s.

8. Scientists study the chemicals in rocks and _____.

CLUE #3

The saber-toothed cat and fossils that were...

V □ / □ □

Γ □ L □ □ V L □ □ □

READING #4

There are two periods within an ice age that scientists call glacial and interglacial. A glacial period is extremely cold temperatures when the glaciers expand or get bigger. An interglacial period is a warm period where the glaciers are melting or getting smaller.

The Earth's climate is constantly changing which can impact the glacial climate. Some glacial changes that can influence an ice age include: Earth's orbit, the atmosphere, volcanoes, the sun and ocean currents.

Changes in the Earth's orbit will move the Earth closer to or further from the sun. Ice ages can occur when the Earth is further from the sun.

Changes in ocean currents can cause ice sheets or glaciers to build up.

Some scientists believe volcanoes released carbon dioxide into the atmosphere. When they stopped erupting, the Earth's climate was thrown off balance, and the ice age began.

QUESTIONS

9. What do scientists believe volcanoes released?
- A. Carbon dioxide
 - B. Carbon monoxide
 - C. Oxygen
 - D. None of the above

10. What is a warm period where the glaciers may be melting or getting smaller?
- A. Glacial period
 - B. Interglacial period
 - C. Ice age
 - D. None of the above

CLUE #4

Aggasiz discovered ice ages in...

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31 42 22 32 14 31 31 33

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14 32 42 24 14 15 54 31 45 31 33

FINAL CODE

Use the answers found in the completed puzzles to determine the final code!

The number found in
Puzzle #1 MINUS 999.

The number found in
Puzzle #2 MINUS 10.

The number found in
Puzzle #3.

The number found in
Puzzle #4 MINUS 1830.

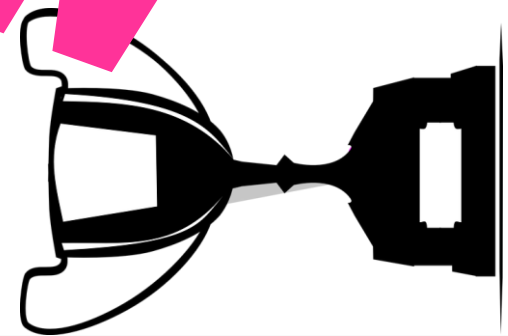
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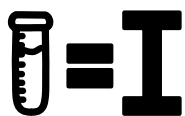
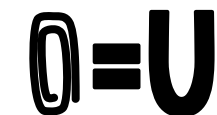
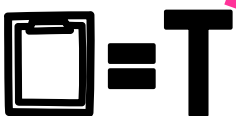
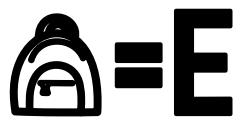
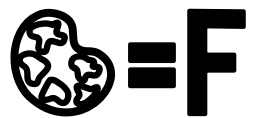
CERTIFICATE

THIS CERTIFICATE GOES TO



FOR DOING THEIR BEST
AT SOLVING PUZZLES
AND THINKING
OUTSIDE THE BOX!

DECODER #1



DECODER #2

