Activity 4: It's a match!

Directions: Column A are evidences while column B refers to certain timeline. Match them by writing the letter of your answer on the space before the number.

Column A	Column B
_____1. *Homo erectus*	A. 4.3 BYA
_____2. eukaryotes	B. 2.0 BYA
_____3. zircon crystal	C. Mesozoic Era
_____4. dinosaurs	D. 250 thousand years ago
_____5. trilobite fossils	E. Cambrian Period

Activity 5: Name It

Directions: Name the pieces of evidence on the evolution of life. Write your answer on the space provided. Pick your answer from the terms inside the box.

zircon crystal	stromatolites	cyanobacteria
first eukaryotes	multicellular organisms	*Homo erectus*
trilobite fossils		first prokaryotes

Period	***Evidences/Organisms***
4.6 to 3.6 billion years ago	1.
3.5 billion years ago	2.
3.0 billion years ago	3.
2.0 billion years ago	4.
1.2 billion years ago	5.
500 million years ago	6.
250 thousand years ago	7.

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What's More

Activity 7: Time to Reveal

Directions: Arrange the jumbled word to reveal the evidence in the history of life on earth. Write the answer on the space below the grid.

R	I	O	T	L	T	I	E	B

• A marine animal first evolved at the beginning of the Cambrian period, 542 MYA, where they dominated the ocean.

E	E	R	C	T	U	S	M	O	H	O

• Extinct species of the genus Homo from which the modern human has evolved from.

A	K	R	P	O	R	Y	O	T	S	E

• A basic cell type which lacks true nucleus. Bacteria, blue-green algae, archaeans and spirochetes are examples of organisms belonging to this cell type.

R	U	O	S	D	N	I	A	S

• These are giant reptiles that roamed the earth during the Mesozoic era.

A	K	R	U	E	Y	O	T	S	E

• This basic cell type possesses a true nucleus that contains DNA.

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What I Have Learned

Activity 13: Complete me

Directions: Complete the paragraph by filling-up the blanks with the correct word from the box.

stromatolites	ocean
human Beings	zircon crystal
4.6 billion years ago	Mesozoic Era
Cenozoic	3.0 billion years ago
Earth	*Homo erectus*

About (1) _____, the earth was formed as the solar system came into existence with the other planets rotating around the sun. (2) _____ is said to be geologically violent because of the continuous bombardment by meteorites and volcanic eruptions. With this condition, minerals were formed from the elements and compounds contained in the molten material. The oldest material found on earth is the (3) _____ that is estimated to be 4.3 billion years old. Life on earth is believed to begin 3.5 billion years ago with single–celled prokaryotes, as discovered in sedimentary rock formations called (4) _____. As early as (5) _____, the first photosynthetic organism thrived the earth which is blue green algae called cyanobacteria. It was 2.0 billion years ago when the first eukaryotes appeared and the influx of multicellular organisms occurred 1.2 billion years ago. During the Paleozoic Era which lasted 542 to 251 MYA, the Cambrian and Ordovician Period has been known as the age of invertebrates when trilobites and cephalopods became dominant in the (6) _____. The (7) _____ is the age of reptiles that has a span of 251 to 65.5 MYA divided into Triassic, Jurassic, and Cretaneous Period. (8) _____ is the era of recent life and based on paleontological evidence (9) _____ have evolved 250 thousand years ago. (10) _____ are the only surviving species of the genus Homo and one of the living evidences that life have existed on earth.

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