

Name: _____ Pd: _____

GEOLOGIC CHANGE OVER TIME SCIENCE STARTERS

1/22-1/26/2024

*ALL UNIT SCIENCE STARTERS MUST BE TURNED IN BY THE UNIT TEST TO RECEIVE
CREDIT*

Points:	Question:	Answer:
Monday /2	The statement "The present is the key to the past" relates to: A. Principle of Catastrophism B. Principle of Uniformitarianism C. Aristotle's Hypothesis D. Tarbuck's Theory	
Tuesday /2	Which claim describes the law of superposition? A. Igneous rock is older than nearby sedimentary rock, which is older than nearby metamorphic rock. B. A sedimentary rock layer in its original position is older than the layers above it and younger than the layers below it. C. Metamorphic rock is older than nearby sedimentary rock because sedimentary rock is deposited before metamorphic rock forms. D. The exact age of a sedimentary rock layer can be found using the layers above and below it, even if the layers are not in their original positions.	
Wednesday /2	The absolute age of a rock is the approximate number of years ago that the rock formed. The absolute age of an igneous rock can best be determined by which of the following? A. examining the rock's relative position in a rock outcrop B. comparing the sizes of the crystals found in the upper and lower parts of the rock C. examining the environment where the rock is found D. comparing the amount of decayed and undecayed radioactive isotopes in the rock	

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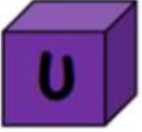
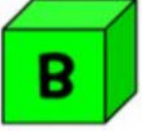
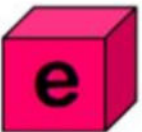
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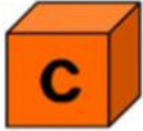

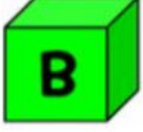
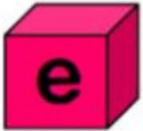
Thursday /2	<p>What happens during radioactive decay?</p> <ul style="list-style-type: none"> A. A stable isotope of an element changes into an unstable isotope B. A stable isotope of an element changes into another stable isotope C. An unstable isotope of an element changes into another unstable isotope D. An unstable isotope of an element changes into a stable isotope
Friday /2	<p>Which of the following materials might be dated with Carbon-14?</p> <ul style="list-style-type: none"> A. sandstone B. wood C. iron ore D. granite

CUBE Test-Taking Strategy

	<u>C</u> ircle your vocabulary words
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