

Earth & Environmental Science Final Exam Study Guide

Astronomy – 1.1

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EARTH AT THE CENTER OF THE SOLAR SYSTEM
2. 1.1.1 What is the theory that the Solar System developed from a cloud of dust and gas?
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3. 1.1.1 At what point is Earth closest to the sun?
PERHELION
4. 1.1.1 What are the inner planets vs terrestrials?
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Jovian – FURTHEST FROM THE SUN, example: JUPITER, SATURN, URANUS, NEPTUNE**
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IT IS A RESULT OF GRAVITY AND ITS ROTATION
9. 1.1.2 What is fusion?
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10. 1.1.2 What is fission?
Fission is a nuclear process in which a heavy nucleus splits into two smaller nuclei. An example of a fission reaction that was used in the first atomic bomb and is still used in nuclear reactors
11. 1.1.2 What process produces radiant energy in stars?
FUSION
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WATER HEATS UP AND COOLS MORE SLOWLY THEN LAND. 20% OF THE EARTH'S SURFACE IS COVERED BY WATER. THIS CAUSES THE NORTHERN AND SOUTHERN HEMISPHERES TO HAVE DIFFERENT AVERAGE TEMPS.

Lithosphere - Plate Tectonics 2.1

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Courtney Mayer



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web in theory solar energy was used by humans as early as the 7th century b c when history tells us that humans used sunlight to light fires with magnifying glass materials later in the 3rd century b c the greeks and romans were known to harness solar power with mirrors to light torches for religious ceremonies

history of solar energy museum of solar energy - Dec 27 2022

web 1800 s light and electricity in the first chapter of solar history was the discovery that light was related to electricity the first solar cells or photocells did not produce much power and used an element called selenium se

