Review for Spring Final – EARTH AND SPACE SCIENCE
The final exam will have approximately 33 questions and mostly cover the following topics…

Relative dating:

- Know and be able to apply various stratigraphic principles (original horizontality, cross-cutting, superposition, etc…) to determine the relative age of geologic features in a stratigraphic column.

Absolute Dating:

- Understand half-life, and be able to calculate duration of half life, number of half lives passed, original amount of sample, amount of sample remaining, etc…

Earth's structure:

- Know the basic layers of Earth, and features of each layer.
- Know the different types of plate boundary interactions, and the types of features/effects at each boundary.
- Be able to read and interpret any of the 4 maps used in the understanding plate boundaries activities; be able to identify what type of boundary is occurring based on the information on the map, be able to use the map to identify what effects are seen at the plate boundary based on the map data

(maps for studying will be made available online)

Energy:

- Know the different types of energy (as described in the New Century Energy Game, **http://nce.tietronix.com/energy**). Know the efficiencies of each type, how they are acquired (source), and both the positive and negative aspects of the use of the particular energy type.

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