

EARTH SCIENCE IIA
Course Outline: 3301

I. Textbook Assignment Options:

- A. *AGS Earth Science, Part I (5.0 credits)*
- Read: Chapters 1-6.
 - Complete: all “Self-check” or “Lesson Review” questions.
 - Complete: all “Chapter Review” exercises.
 - Complete any one of the Extension Activities listed below.
- B. Science Workshop Series- *Earth Science, Geology (2.5 credits)*
- Read: all sections.
 - Complete: all section activities and exercises except “Reaching Out”.
 - Complete one of the Extension activities listed below.
- C. Science Workshop Series- *Earth Science Oceans and Atmosphere (2.5 credits)*
- Read: all sections
 - Complete: all section activities and exercises except “Reaching Out”.
 - Complete one of the Extension activities listed below.
- D. *Concepts and Challenges in Earth Science, Part I (5.0 credits)*
- Read: Units 1-9.
 - Complete: all “Lesson Summary” activities.
 - Complete: Unit “Challenges” activities (**Omit:** “Reading Critically, “Critical Thinking” and “Finding Out More.”
 - Complete one of the Extension activities listed below.

II. Extension Activity Options: (All writing assignments should meet Writing Rubric S-II standards)

1. Use the Internet to conduct research on one of the most famous comets in the world. After clicking on “search” in the toolbar, type in: “*Iupinfo Halley’s comet and astronomy*” as your search guides. Write a 3-paragraph essay about Comet Halley based upon your research. Be sure to discuss when, how and by whom the comet was discovered.
2. Complete a 5-slide PowerPoint presentation on 5 planets of the solar system. Each slide should contain a photo and a 1-line description.
3. Use the Internet to research one of the following astronomers. Write a 3-paragraph essay based upon your research. Be sure to include the astronomer’s major contribution to science.
 - Galileo
 - Copernicus
 - Thomas Hubble
4. *AGS Textbook* users only: Complete two investigation activities from chapters 1-6.
5. Teacher generated activity, approved by the site administrator.

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III. Evaluation

- See your teacher for a unit test.
- All Writing assignments must meet the proficient level of the rubric provided by the teacher.
- All textbook work must meet 70% accuracy level for a “C” grade.