



EARTH SCIENCE IIIB  
Course Outline: 3352

**I. Textbook Assignment Options:**

A. *Globe Earth Science*, Part II (5.0 credits )

- Read: Units 6-10
- Complete: all “Lesson Review” activities.
- Complete: all “Unit Review” activities in Sections a, b, and c.
- Complete two of the Extension Activities listed below.

B. *Science Explorer: Earth Science*, Part II ( 5.0 credits )

- Read: Units 4-6.
- Complete: all “Section review questions.
- Complete: all Chapter Assessments (**Omit:** “Thinking Critically” and “Applying Skills.”
- Complete any one of the Extension activities listed below.

C. *Science Explorer Series: Earth Science* (2.5 credits: each book) *Astronomy*  
*Inside Earth*  
*Earth’s Waters*

- Read: all chapters.
- Complete: all “Section Review” questions.
- Complete: “Chapter Assessment” exercises (**Omit:** “Thinking Critically” and “Applying Skills”.
- Complete one of the Extension Activities listed below for **each** book **assigned**.

D. *Holt Science and Technology: Earth Science* (1.0-5.0 credits: direct instruction or course contract).

E. *Exploring Earth Science* (5.0 credits)

- Read: Chapters 13 –24
- Complete: all Section Reviews (**omit** Critical Thinking/Connection)
- Complete: all Chapter Reviews – Multiple Choice and True or False
- Complete one the following Extension Activities.

**II. Extension Activity Options:** (All writing assignments should meet Writing Rubric Exp. III standards).

1. Use at least 2 sources to conduct research on the Solar System. These may include the Internet, a library book, or another media resource. If using the Internet, the search term: “solar system exploration NASA” will give you some information. Write a four-paragraph essay, or prepare an 8-slide PowerPoint presentation based upon your research. Your project should include information about each of the major planets in our solar system, and if completing the PowerPoint, each slide should contain a photo and at least a 1-line description.

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2. Complete a PowerPoint presentation on Weather and Climate that includes at least 8 slides. This presentation should include information from at least 2 sources covering most of the following information:
  - \* How water enters and leaves the atmosphere
  - \* A description of humidity
  - \* Weather Fronts and Storms
  - \* Air Masses
  - \* Cloud Formations
3. Use the Internet to research violent weather. You may select one of the following topics:
  - Thunder storms
  - Tornadoes
  - Hurricanes

Write a 4-paragraph essay, or create an 8-slide PowerPoint presentation based upon your research. Be sure to include information related to the instruments and methods used to gather data for forecasting purposes. You may find the following search terms useful:

“National Weather Service – Twister Project”

“ NASA Hurricane Education”

“Education World Weather”

“CNN or USA Today Weather”

4. Using the Internet, your textbook, or any resources of your choice, research pollution in the San Joaquin Valley. Write three paragraphs explaining what is causing the pollution and how it affects Bakersfield.
5. Teacher generated activity, approved by the site administrator.

### 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.