



Space and Earth Science Coordination



Suggested Experiment Orders for

- ***BJU Press[®], Space and Earth Science, 3rd Edition***
- ***BJU Press[®], Space and Earth Science, 4th Edition***
- ***A Beka[®], Earth and Space (2011)***

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**Logos Science, Inc. Earth Science Suggested Experiment Order for:
BJU Press®, Space and Earth Science text, 3rd Edition**

BJU Chapter	Text Page	Suggested Logos Experiment
1.2	3	1. Scientific Investigation
1.27	20	2. Star Viewing 1
1.27	20	3. Star Viewing 2
2.2	29	4. Variation in Sunrise and Sunset Times
2.3	30	5. Retrograde Motion of Mars
3.5	55	6. Telescopes
3.15	63	7. Counting the Visible Stars
4.3	83	8. Diameter of the Sun
4.8	89	9. Sunspot Cycles
5.2	102	10. Planetary Orbits
5.8	106	11. Orbit of Mercury
6.11	134	12. Orbital Speeds
7.1	145	13. Moon Viewing
7.8	151	14. Moon Cycles
7.9	152	15. Rotation of the Moon
9.16	203	16. Greenhouse Effect
10.4	215	17. Water in the Atmosphere
10.4	215	18. Dew Point
11.2	231	19. Air Variables
12.5	260	20. Effects of Air Pressure Differences
12.5	260	21. Observing Pressure Changes
12.15	269	22. Preparing Weather Maps
13.2	337	23. Earth's Density
13.25	354	24. The Science of Determining the Age of an Object
14.7	364	25. Properties of Minerals
14.14	367	26. Determining the Specific Gravity of Minerals
15.17	402	27. Rock Identification
17.2	439	28. Earthquake Locations
17.14	454	29. The Steepness of a Volcano
19.7	490	30. Ocean Water, Salinity and Density
19.15	498	31. Wave Depth, Wave Velocity, and Tsunamis
20.7	523	32. Glacial Dynamics

**Logos Science, Inc. Earth Science Suggested Experiment Order for:
BJU Press®, Earth Science text, 4th Edition**

BJU Chapter	Suggested Logos Experiment
1.6	1. Scientific Investigation
4.7	23. Earth's Density
5.6	24. The Science of Determining the Age of an Object
6.9	28. Earthquake Locations
8.9	29. The Steepness of a Volcano
9.5	25. Properties of Minerals
9.6	26. Determining the Specific Gravity of Minerals
10.13	27. Rock Identification
12.10	32. Glacial Dynamics
13.9	30. Ocean Water, Salinity and Density
14.14	31. Wave Depth, Wave Velocity, and Tsunamis
18.12	16. Greenhouse Effect
19.2	19. Air Variables
19.2	21. Observing Pressure Changes
19.6	17. Water in the Atmosphere
19.6	18. Dew Point
20.3	20. Effects of Air Pressure Differences
20.13	22. Preparing Weather Maps
22.1	8. Diameter of the Sun
22.5	9. Sunspot Cycles
22.6	13. Moon Viewing
22.8	15. Rotation of the Moon
22.9	14. Moon Cycles
22.10	4. Variation in Sunrise and Sunset Times
22.10	2. Star Viewing 1
22.10	3. Star Viewing 2
23.3	10. Planetary Orbits
23.3	11. Orbit of Mercury
23.3	12. Orbital Speeds
23.4	5. Retrograde Motion of Mars
24.2	7. Counting the Visible Stars
25.6	6. Telescopes

**Logos Science, Inc. Earth Science Suggested Experiment Order for:
A Beka®, Earth and Space (2011)**

Chapter	Text Page	Suggested Logos Experiment
1	3	1. Scientific Investigation
2	26 47 52	23. Earth's Density 28. Earthquake Locations 29. The Steepness of a Volcano
3	70 71 94	25. Properties of Minerals 26. Determining the Specific Gravity of Minerals 27. Rock Identification
4	113	32. Glacial Dynamics
5	142	24. The Science of Determining the Age of an Object
6	164 177	30. Ocean Water, Salinity and Density 31. Wave Depth, Wave Velocity, and Tsunamis
8	234 237 254	17. Water in the Atmosphere 18. Dew Point 19. Air Variables
9	261 283 296	20. Effects of Air Pressure Differences 21. Observing Pressure Changes 22. Preparing Weather Maps
10	302 302 302 304 311 314 314 318 319 351 352	2. Star Viewing 1 3. Star Viewing 2 7. Counting the Visible Stars 10. Planetary Orbits 11. Orbit of Mercury 13. Moon Viewing 15. Rotation of the Moon 14. Moon Cycles 5. Retrograde Motion of Mars 8. Diameter of the Sun 9. Sunspot Cycles
11	367 383 392	6. Telescopes 4. Variation in Sunrise and Sunset Times 12. Orbital Speeds
12	414	16. Greenhouse Effect