

**Logos Science, Inc. Physical Science Suggested Experiment Order for:
A Beka®, Matter and Motion, Grade 8, 1994**

| A Beka Chapter | Page in text book | Suggested Physical Science Lab |
|----------------|--|---|
| 3. | p. 100 p. 102 p. 107 p. 116 p. 122 p. 126 p. 128 | 3. Metric Measurements (Either) 4. Density (Primary) 7. Friction 9. Energy 10. Work and Power 12. Pulleys 11. A Lever: A Simple Machine |
| 4. | p. 153 p. 161 | 13. Weight of a Car (Primary) 14. Buoyancy (Primary) |
| 5. | p. 178 | 15. Thermal Energy and Diffusion (Alternate) |
| 8. | p. 309 | 18. Magnetism (Alternate) |
| 9. | p. 330 p. 356 | 16. Electrostatics (Alternate) 17. Electrical Circuits (Alternate) |

A Beka®, Science of the Physical Creation, Grade 9, 1996

| A Beka Chapter | Page in text book | Suggested Physical Science Lab |
|----------------|--|---|
| 1. | p. 10 p. 19 | 3. Metric Measurements (Either) 1. Scientific Investigation |
| 2. | p. 23 | 26. Percentage of Oxygen in Air |
| 3. | p. 62 | 32. Freezing Point Depression |
| 4. | p. 88 p. 109 | 4. Density (Alternate) 14. Buoyancy (Alternate) |
| 5. | p. 113 p. 118 p. 128 p. 135 | 24. Length of a Molecule and Avogadro's Number 15. Thermal Energy and Diffusion (Primary) 25. Nuclear Decay 27. Qualitative Analysis |
| 6. | p. 138 P. 139 P. 152 | 2. Separating Sand and Salt from a Mixture 30. Parts per Million 13. Weight of a Car (Alternate) |
| 7. | p. 162 p. 164 p. 166 p. 167 p. 181 | 28. Chemical Reactions 33. Acids, Bases, and Indicators 34. Comparing Antacids by Titration 29. Electrolysis of Water 31. Solution Concentrations |
| 12. | p. 308 p. 317 p. 320 | 5. Motion 6. Newton's Second Law 8. Impulse and Momentum |
| 13. | p. 328 p. 338 | 19. Waves 20. Musical Instruments |
| 14. | p. 354 p. 358 p. 359 | 21. Visible Light Spectrum 22. Plane Mirrors and Mirror Applications 23. Convex Lenses |
| 15. | p. 379 p. 392 | 16. Electrostatics (Primary) 18. Magnetism (Primary) |
| 16. | p. 422 | 17. Electrical Circuits (Primary) |