

**Cosmic Chemistry: Cosmogony**

**Cosmology Anticipation Guide**

This Anticipation Guide is intended for use PRIOR to reading Appendix A, "Cosmology."

In the first column place a check next to any statement which you agree. After reading the text, compare your opinions on those statements with information contained in the text.

Cosmology:

Before    After

- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | According to Einstein's general relativity theory, the path of light is bent by strong gravitational fields.     |
| <input type="checkbox"/> | <input type="checkbox"/> | The universe began in a state of incredibly high density and then expanded and thinned out over time and cooled. |
| <input type="checkbox"/> | <input type="checkbox"/> | Hubble's Law states that galaxies move away from the Earth at a constant rate.                                   |
| <input type="checkbox"/> | <input type="checkbox"/> | The fate of the universe depends on the actual average mass density of the universe.                             |
| <input type="checkbox"/> | <input type="checkbox"/> | When we look at distant galaxies, we are seeing things as they appear right now.                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | The universe is homogeneous.   |