



Astro-Madness *TEKS Covered*

Sixth Grade Science

- 6.2b: Collect Data
- 6.2c: Analyze and interpret information to construct explanations
- 6.2d: Communicate valid conclusions
- 6.2e: Construct tables to organize, examine, and evaluate data
- 6.3d: Evaluate research on scientific thought and society
- 6.3e: Connect science concepts with scientists

Seventh Grade Science

- 7.2b: Collect Data
- 7.2c: Analyze and interpret information to construct explanations
- 7.2d: Communicate valid conclusions
- 7.2e: Construct tables to organize, examine, and evaluate data
- 7.3d: Evaluate research on scientific thought and society
- 7.3e: Connect science concepts with scientists

Eighth Grade Science

- 8.2b: Collect Data
- 8.2c: Analyze and interpret information to construct explanations
- 8.2d: Communicate valid conclusions
- 8.2e: Construct tables to organize, examine, and evaluate data
- 8.3d: Evaluate research on scientific thought and society
- 8.3e: Connect science concepts with scientists
- 8.5a: Identify design problems and propose solutions

Integrated Physics and Chemistry

- 9.2c: Organize, analyze, evaluate, make inferences, and predict trends from data; and
- 9.2d: Communicate valid conclusions.
- 9.3d: Describe connections between physics and chemistry, and future careers; and
- 9.5c: Identify uses of electromagnetic waves in various technological applications such as fiber optics, optical scanners, and microwaves; and
- 9.7c: Identify constituents of various materials or objects such as metal salts, light sources, fireworks displays, and stars using spectral-analysis techniques;

Astronomy

- 11.2c: Organize, analyze, evaluate, make inferences, and predict trends from data; and
- 11.2d: Communicate valid conclusions.
- 11.3d: Describe connections between physics and chemistry, and future careers; and
- 11.6b: Identify the characteristics of stars such as temperature, age, relative size, composition, and radial velocity using spectral analysis; and
- 11.7e: Analyze the impact of the space program on the collection of data about the Earth and the universe.