

Understanding the Universe (DVD)

Name: _____

Date: _____

1. What is wrong with the Universe. Why?
2. What did Galileo discover with his simple telescope? Why were these discoveries important?
3. Describe the Big Bang.
4. What is the major enemy of astronomers? Explain.
5. How does science deal with contradictions such as the age of the universe?

DVD Contents

Understanding the Universe

Good General Review of Astronomy (Total Time: 50:00)

Track 1 - Opening (12:23)

- Where are we - something is wrong with the universe
- Age and Mass problems
- Distances - Light years
- Scale
- Red Shift

Track 2 - Too many candles on the cake (9:17)

- Novas
- Super Novas
- Telescopes
- Atmospheric Problems

Track 3 - The Dark Side of the Universe (14:04)

- Properties of light - Uses in Astronomy
- The Sun in Different Lights
- Background Radiation - Radio Astronomy
- The Big Bang

Track 4 - Strange Attractions (7:06)

- Gravity
- Black Holes

Track 5 - Infinity and Beyond (7:29)

- Science and Science Fiction - Star Trek
- Worm Holes
- Questions without answers
- Science and Philosophy

Track 6 - Credits