



COSMOS: A Personal Journey (Hosted by Dr. Carl Sagan)

- I. **The Shores of the Cosmic Ocean**
Sagan pilots the “spaceship of the imagination” to the edge of the universe to show viewers quasars, exploding galaxies, star clusters, supernovas and pulsars. The spaceship then returns to the Earth of 2,000 years ago.

- II. **One Voice in the Cosmic Fugue**
Sagan uses a “cosmic calendar” to show the 15 billion year history of the Universe, as well as the origin of the Earth and the evolution of life.

- III. **The Harmony of the Worlds**
The life of Johannes Kepler, the first modern astronomer, gives insight into humanity’s understanding of the planets.

- IV. **Heaven and Hell**
The spaceship travels to the hellish atmosphere of Venus and beyond to show us cosmic catastrophes throughout our solar system.

- V. **Blues for a Red Planet**
Sagan examines the possibility of life on Mars.

- VI. **Traveler’s Tales**
The 17th Century sailing expeditions of the great Dutch explorers are compared with the Voyager spacecraft journeying to Jupiter and Saturn.

VII. The Backbone of Night

Sagan examines how the ancient Greeks struggled to understand the nature of stars in the Milky Way.

VIII. Travels in Time and Space

The possibilities of space and time travel are explored.

IX. The Lives of the Stars

Sagan examines the lifespan of stars (including our own sun) from birth to death as supernovas or black holes.

X. The Edge of Forever

The spaceship travels to the very edges of space to explain the birth of the Universe.

XI. The Persistence of Memory

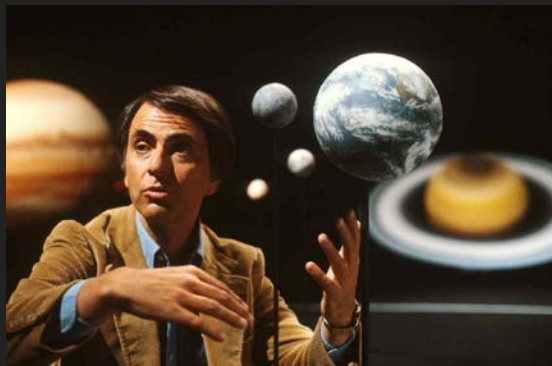
Sagan examines the question of intelligence and the nature of thought in man and in whales.

XII. Encyclopedia Galactica

Sagan asks the question, "Are we alone?" and explores the farthest reaches of space to visit the worlds of hypothetical alien civilizations.

XIII. Who Speaks for Earth?

Sagan retraces the Universe's 15-billion-year struggle to awareness through the development of intelligent life and the challenges of future survival.



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