

The Privileged Planet

Clicking on Chapter 1 will bring you to a Play List where all the chapters will play continuously. If you want to find one of the starred sections, click on that particular chapter and go to the time in that chapter indicated.

The heavens declare the glory of God!

This presentation is much more stunning, with higher resolution and many excellent bonus features, as a DVD. It is included in **[The Intelligent Design Collection - Darwin's Dilemma, The Privileged Planet, Unlocking the Mystery of Life](#)**. This three-DVD collection has marvelous graphics, animation, and bonus features. I found it on Amazon for under \$25 for the collection of all three videos. This is a very educational and entertaining bargain!

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★ 0:31 Late in the summer of 1976, Voyager 1 and 2 launched into space to explore the outer reaches of our solar system -- Jupiter, Saturn, Uranus, and Neptune

□ 1:15 February 14, 1990, Voyager 1 sends back a photo from the edge of the solar system -- the earth from nearly 4 billion miles away.

□ 1:57 The Privileged Planet The Search for Purpose in the Universe

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★ 0:30 Aristotle and Ptolemy - geocentric view of the universe - foundation of western cosmology for 18 centuries

□ 0:54 1543 - Polish Astronomer Nicholas Copernicus - the helio-centric view that the earth and other planets revolved around the sun.

□ 1:52 The Copernican Principle -

□ 2:15 The principle of mediocrity

□ 2:54 Carl Sagan - The Pale Blue Dot The earth has no special significance. "Our planet is a lonely speck in the great enveloping cosmic dark."

□ 3:49 Mt. Wilson Observatory, Los Angeles - 1921-26 - Edwin Hubble discovers billions of galaxies beyond our own.

□ 5:29 The immense Milky Way with more than 100 billion stars, including our sun, is just a pinpoint of light in the universe --one out of billions of galaxies in

the universe.

□ 5:56 Does science show that the earth is without purpose or significance in the universe?

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★ 0:23 An outgrowth of the Copernican principle is the belief that habitable planets and complex life are abundant.

★ 0:37 SETI - Search for Extraterrestrial Intelligence - since 1960

★ 2:01 The bottom line of current thought: there are so many galaxies out there that, unless the earth is miraculously special, there must be many other instances of intelligent life in the inverse

★ 2:30 Astrobiology

★ 4:20 Two sides of the equation when considering the possibility of extraterrestrial life: 1. The vastness of the universe 2. The magnitude of factors necessary for life

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★ 0:12 Research into the multitude of factors required for life

★ 0:20 Laws of physics and chemistry pertain throughout the universe.

★ 0:47 Liquid Water

★ 1:52 Location, location, location. . . the "Goldilocks Zone"

★ 2:32 The habitable zone in our solar system

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★ 0:10 If a recipe for a planet capable of supporting life did exist, what ingredients might be on it (beyond liquid water)?

★ 0:29 Terrestrial Planet - plate tectonics? Perhaps a better view of plate tectonics shows that plate tectonics is physically impossible. See: Hydroplate Theory Overview (parts 1-6 combined) updated Go to 1:11:19 - Why plate tectonics is physically impossible.

★ 1:06 Magnetic field

★ 1:32 Oxygen/nitrogen atmosphere

★ 2:18 Large moon

★ 2:52 Type of star (the Sun) - spectral type, G-2, main sequence star

★ 3:59 "A lot of things went right on earth"

★ 4:00

★ 5:22 Estimating the probability of finding another planet like earth

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★ 0:08 Rare Earth -- our planet is a rather special place

★ 1:15 The entire universe is highly hostile to life.

★ 1:55 We did win the cosmic lottery

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★ 0:10 On October 24, 1995, a rare total eclipse of the sun triggered thoughts of all the factors necessary for it to happen, and all the information it produced.

★ 3:47 The eclipse is a giant lab opening up access to the physics and chemistry of the universe.

★ 4:45 The flash spectrum

★ 6:07 This precise eclipse phenomenon opened up the science of stellar astrophysics, and allowed us to understand how other stars work.

★ 7:25 The one place that has observers has the best eclipses.

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★ 0:10 Is the most habitable place yet known in the universe also the best place for making scientific observations on the universe?

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★ 0:10 The atmosphere of the earth -- supports life and allows observation of the universe.

1:04 In our solar system, only the earth's atmosphere is transparent.

2:39 The electromagnetic spectrum and the thin band supporting life.

3:42 Less than one trillionth of a trillionth of the wavelengths of electromagnetic radiation produced in the universe is supportive of organic life and observation.

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★ 0:11 The most incomprehensible thing about the universe is that it is comprehensible. - Albert Einstein

1:02 The laws that hold our universe together are finely calibrated for life and observation.

1:56 The fine tuning of the universe

- 4:07 Elegant simplicity
- 4:17 I have deep faith that
- 7:38 Copernicus held the assumption that an orderly artist is behind the creation of the universe.
- 8:23 The founders of modern science, like Copernicus, Galileo, Kepler, and Newton, believed that the universe was the product of a mind -- and therefore it would be intelligible to them as well. They were uncovering God's handiwork.

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★ 0:42 Is there a purpose behind the universe? Are we intended to comprehend this purpose? Does the universe point beyond itself to the Creator who brought it into being?