



- religious teachings about the origins of the universe, and different interpretations of these
  - the relationship between scientific views, such as the Big Bang theory, and religious views.
- 
- The value of the world and the duty of human beings to protect it, including religious teaching about stewardship, dominion, responsibility, awe and wonder.
  - The use and abuse of the environment, including the use of natural resources, pollution.
  - The use and abuse of animals, including:
    - animal experimentation
    - the use of animals for food.

“From religion comes a man's purpose; from science, his power to achieve it. Sometimes people ask if religion and science are not opposed to one another. They are: in the sense that the thumb and fingers of my hands are opposed to one another. It is an opposition by means of which anything can be grasped.”

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### NEED TO KNOW

When it comes to scientific and religious truth, it is **not an either/or relationship**. They serve different functions and they are valuable in different ways.

# ORIGINS OF THE UNIVERSE

## THEME B

### NEED TO KNOW

Whilst for a minority of religious believers, the scientific truth claims about the origins of the universe conflict with their religious beliefs, for the majority – the two truths are **compatible**.

You  Tube





# ORIGINS OF THE UNIVERSE

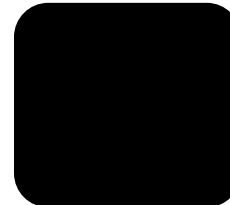
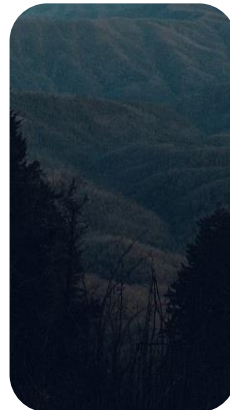
## THEME B

remember?

**Omniscient:** all knowing

**Omnipotent:** all powerful

**Omnipresent:**  
everywhere at all times



# ORIGINS OF THE UNIVERSE

## THEME B

In the beginning God created the Heavens and the Earth.

Time exists in the universe.  
Outside the universe there is no time  
God is outside of time.  
God has no beginning and no end.

God was not created  
– he just *is*.

That is to say:  
In the beginning, God made  
everything.

God's name is JHWH  
(often pronounced Jahweh)  
This means the verb, *to be*.  
God just *is*.

“The Heavens and the Earth” is seen as  
short hand. In the Bible, *the Heavens* refers  
to everything visible above one's head.  
*The Earth* is everything under one's feet.



remember?

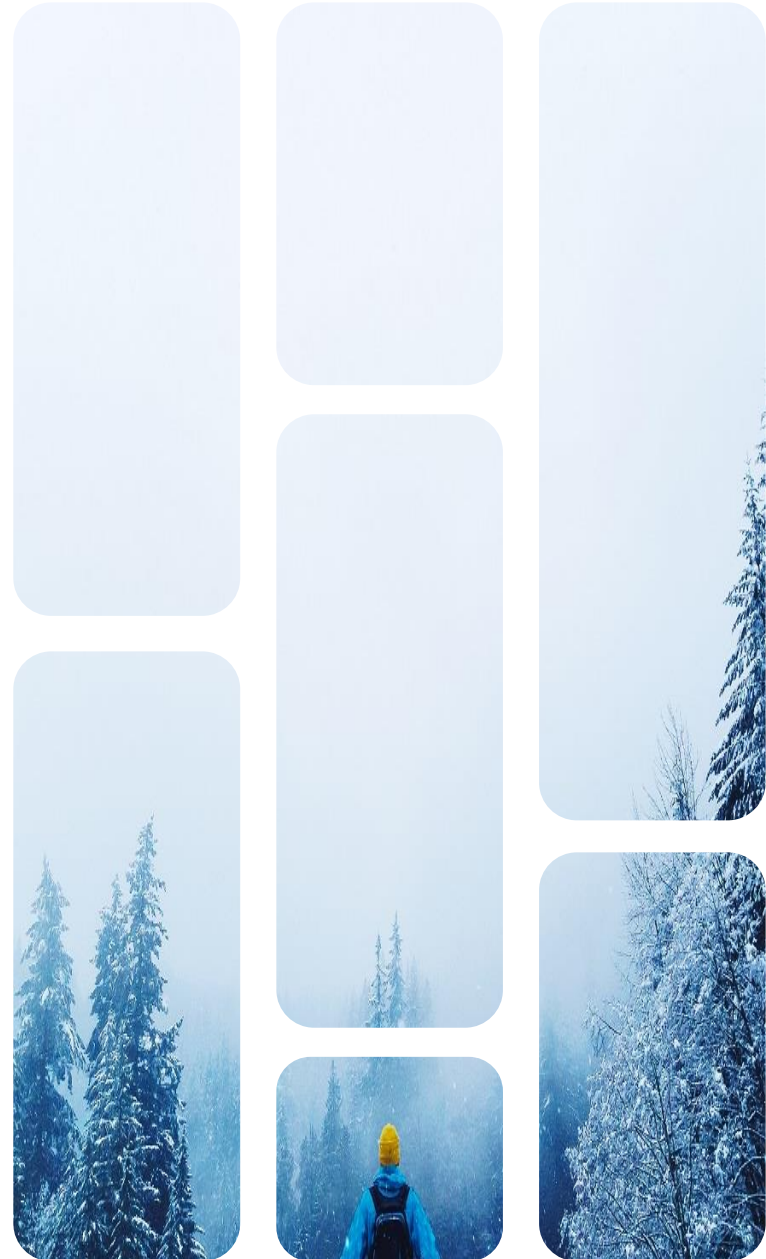
**Everything** comes from God

'I am the LORD and there is none else, I form light and create darkness, I make weal and create woe - I the LORD do all these things.'

*Isaiah 45:6-7*

Another translation:

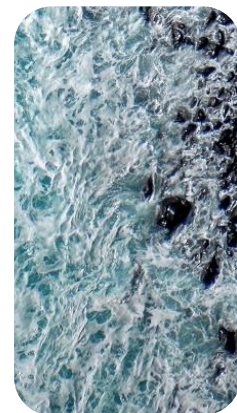
'I am Yahweh, and there is no other. I form light and create darkness, I make success and create disaster; I, Yahweh, do all these things.'



### Genesis 1: Creation

And God said, “Let there be light,” and there was light. God saw that the light was good, and he separated the light from the darkness. God called the light “day,” and the darkness he called “night.” And there was evening, and there was morning - the first day.

And God said, “Let there be a vault between the waters to separate water from water.” So God made the vault and separated the water under the vault from the water above it. And it was so. God called the vault “sky.” And there was evening, and there was morning - the second day.





# ORIGINS OF THE UNIVERSE

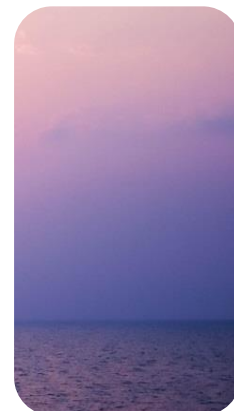
## THEME B

And God said, “Let the water under the sky be gathered to one place, and let dry ground appear.” And it was so. God called the dry ground “land,” and the gathered waters he called “seas.” And God saw that it was good.

Then God said, “Let the land produce vegetation: seed-bearing plants and trees on the land that bear **fruit** with seed in it, according to their various kinds.” And it was so. The land produced vegetation: plants bearing seed according to their kinds and trees bearing fruit with seed in it according to their kinds. And God saw that it was good. And there was evening, and there was morning - the third day.



And God said, “Let there be lights in the vault of the sky to separate the day from the night, and let them serve as signs to mark sacred times, and days and years, and let them be lights in the vault of the sky to give light on the earth.” And it was so. God made two great lights - the greater light to govern the day and the lesser light to govern the night. He also made the stars. God set them in the vault of the sky to give light on the earth, to govern the day and the night, and to separate light from darkness. And God saw that it was good. And there was evening, and there was morning -the fourth day.



And God said, “Let the water teem with living creatures, and let **birds** fly above the earth across the vault of the sky.” So God created the great creatures of the sea and every living thing with which the water teems and that moves about in it, according to their kinds, and every winged bird according to its kind. And God saw that it was good. God blessed them and said, “Be fruitful and increase in number and fill the water in the seas, and let the birds increase on the earth.” And there was evening, and there was morning—the fifth day.



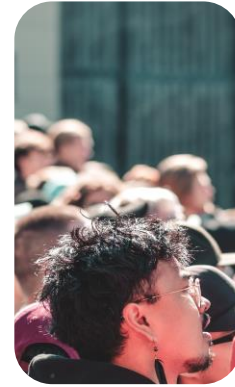


# ORIGINS OF THE UNIVERSE

## THEME B

And God said, “Let the land produce living creatures according to their kinds: the **livestock**, the creatures that move along the ground, and the **wild animals**, each according to its kind.” And it was so. God made the wild animals according to their kinds, the livestock according to their kinds, and all the creatures that move along the ground according to their kinds. And God saw that it was **good**.

So God created mankind in his own image, in the image of God he created them; **male and female** he created them. God saw all that he had made, and it was very **good**. And there was evening, and there was morning - the **sixth day**.



### **Big Bang Theory**

Scientific theory about the origins of the universe; belief that the universe began almost 14 billion years ago with a reaction of particles from a singularity followed by a process of inflation and expansion.







### **Big Bang Theory and Creation Compatible or Conflicting?**



### GENESIS 1 – Three interpretations

Literal

Metaphoric

Something in-between



GENESIS 1 – Three interpretations

**Literal**

Metaphoric

Something in-between

People who take a literal view of the Bible today are often called fundamentalists. They are Christians who believe that the statements in the Bible are literally true and believe that there certain basic beliefs that are essential to the Christian faith. They see the account as six 24 hour periods of time. Orthodox Jews would also take this position.



GENESIS 1 – Three interpretations

Literal

**Metaphoric**

Something in-between

People would see the creation account as more of a metaphorical piece of work, like a poem. For it is the meaning behind the story that is important for them. They believe that God guided the writer but that it is not to be understood as literal.



GENESIS 1 – Three interpretations

Literal

Metaphoric

**Something in-between**

The answer lies somewhere in-between. The word used for 'day' in the Bible is 'Yom'. This is best translated as period of time, rather than a single 24 hour day. The creation account follows the evolutionary pattern for life on earth and many Christians see this as God's way of explaining how he formed the universe.