

Remote Learning Lesson

- You need to answer each question. Follow on from the sentence starters.
- Anything you research must be put into your own words **DO NOT COPY AND PASTE FROM THE INTERNET!**
- Once you have completed all the tasks you need to save your work with your name

Friday, 26 February 2021



The Origins of the Universe

FACT



VS

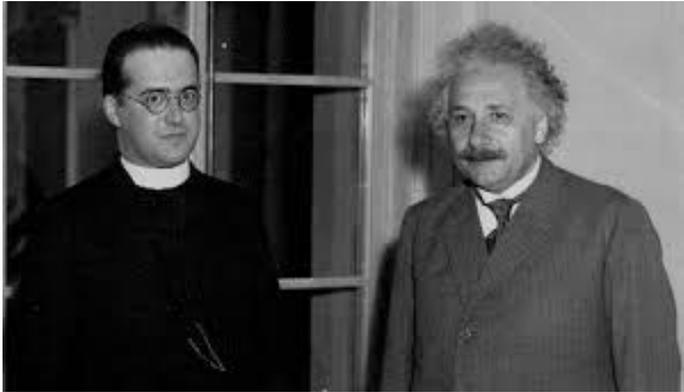


OPINION

A fact is something that is certainly true.

An opinion is what you think of something, a belief or judgement.

Write down one fact about yourself, and one opinion that you have.



Georges Lemaître was a Christian scientist that stated that theories (big bang & evolution) nor proved or disproved the existence of God.

Can you explain this in further detail:

Proved existence	Disproved existence

“As far as I can see such a theory remains entirely outside metaphysical or religious question.” - Georges Lemaître

What does Georges Lemaître mean by this quote? Do you agree why?

Learning Outcomes

- 8-9– evaluate the argument between science and religion with reference to the value of the universe.
- 6-7– explain the argument between science and religion.
- 4-5– describe the scientific explanation for the origin of the universe.

1. God created all of the animals living in the sea
2. God separated the sea from the land
3. God created light
4. God created the sky above the water
5. God rested
6. God created the sun, moon and stars
7. God created all of the animals living on land, including man and woman

Put the Christian story of creation in order. Then find at least two flaws in the story, and fully explain your criticisms.

The Big Bang

In 1927, a Belgian Catholic Priest called Georges Lemaitre posted a scientific theory that would form the basis of what we now call The Big Bang Theory. He said that the universe is expanding, and may have begun at a single, original point. The Big Bang Theory has been developed and tested further by scientists and it is the most widely held theory about the origins of the universe today.

The theory suggests that:

- 13.7 billion years ago, the matter in the universe was concentrated in to one small, dense, high temperature point
- This expanded, and after the initial expansion, it began to cool, allowing for the formation of particles and atoms
- Clouds of these elements went on to form stars and galaxies
- When the earth had cooled, life began to develop

The Big Bang Theory is based on scientific evidence. One of the most important piece of evidence is called "Hubble's Law" - which measures the rate at which objects in deep space are travelling away from the Earth

This theory has been seen by many as proof against the existence of God because it offers explanation of how the universe was created.

Read the information about The Big Bang Theory, then summarise the theory into 4 **developed** bullet points.

Christian response	How convincing do you find these responses?
<p>Some Christians reject the scientific big bang theory.</p> <p>They are called creationists.</p> <p>They believe Genesis to be the word of God and therefore correct. They believe in creationism-that when God created the world he purposely made it look older than it was (i.e. the grand canyon looked 2 billion years old but it was only a second old.) Scientists also once thought that the world was flat, so they can't always be right! They believe this shows that evidence for the big bang and is false.</p>	
<p>Some Christians claim that both the Bible and science are correct. They are called conservatives.</p> <p>They believe that the story in the Bible was used to inform believers before people could read and write etc. They believe that 'one day' for God in the Bible could actually be millions or billions of years as we know it.</p>	
<p>Some Christians believe that science is the true explanation for creation. They are called liberals</p> <p>They say the Bible is just a story.</p> <p>They believe that scientific theories about the Big Bang are correct but the God started everything off in the first place to ensure conditions were just right for humans to evolve.</p>	

Religion is the champion!

- Of course God created the universe, because it is of value to humans...
- **God created the universe and continues to sustain it.** (*all things have been created through him, and for him. He is before all things, and in him all things hold together*).
- **The universe reflects God's love and power.** (*when I consider your heavens, the work of your fingers, what is mankind that you are mindful of them, human beings that you care for them*)
- **The universe has been given to humanity as a gift for them to steward.** (*God blessed them and said to them, be fruitful and increase in number, rule over the fish in the sea and the birds in the sky, and over every living creature*)

AKA – a **commodity** (something useful which satisfies a particular need)

Some Christians believe this is a selfish way to look at the world, as people may use up all the resources. Instead we should be more responsible.

c

Explain two reasons why Christians believe the universe has value. In your answer you must refer to a sources of wisdom and authority (5)

b

Explain two Christian responses to the scientific explanation for the origin of the universe (4)

a

Outline three features of a scientific explanation for the origin of the universe (3)