

" The Initiator of the heavens and the earth: to have anything done, He simply says to it, "Be," and it is." (The Holy Qur'an, Chapter 2, Verse 117)

SCIENCE



10 Scientific Verses in this Section

QUR'AN on universe

 LORD OF THE WORLDS 



Isn't it amazing to know that the very first Qur'anic verse happens to be Scientific?

 *"Praise be to Allah, Lord of the Worlds."* 
(The Holy Qur'an, Chapter 1, Verse 1)

Worlds!!!! Not just one? Yes . . . worlds! There is this physical world.... the celestial world the spiritual world the world of bacteria..... and so forth.

That, obviously, is one sense in which we can understand 'worlds'.



Well that was about 'worlds', what about 'earth'?



"And God is He Who created seven (or several) universes and the same number of earths.

Between them flows His commands (physical laws)...."



(The Holy Qur'an, Chapter 65, Verse 12)

Is it possible that there may be other earths out there? No one expects to find another earth within our solar system. But scientists say it is likely that in our galaxy there are many earths outside the solar system. They say that approximately 50 billion stars in the Milky Way rotate slowly, as does the sun. This characteristic indicates that planets that are their satellites surround those stars.

The Bernard Star, for example, is believed to have at least one planetary companion. All the evidence points to the fact that planetary systems are scattered in profusion all over the universe. The solar system and the earth are not unique. The Qur'an also uses the symbolic plural number 7 to indicate the existence of a plurality of heavens (see Qur'an's Chapter 2, Verse 29, for example). Once again we find that the Qur'an says something and scientists later discover it to be true.

"Verily We have given you the truth, but most of you hate the truth"

(The Holy Qur'an, Chapter 43, Verse 78)

THE BIG BANG THEORY



" The Initiator of the heavens and the earth: to have anything done, He simply says to it, "Be," and it is."

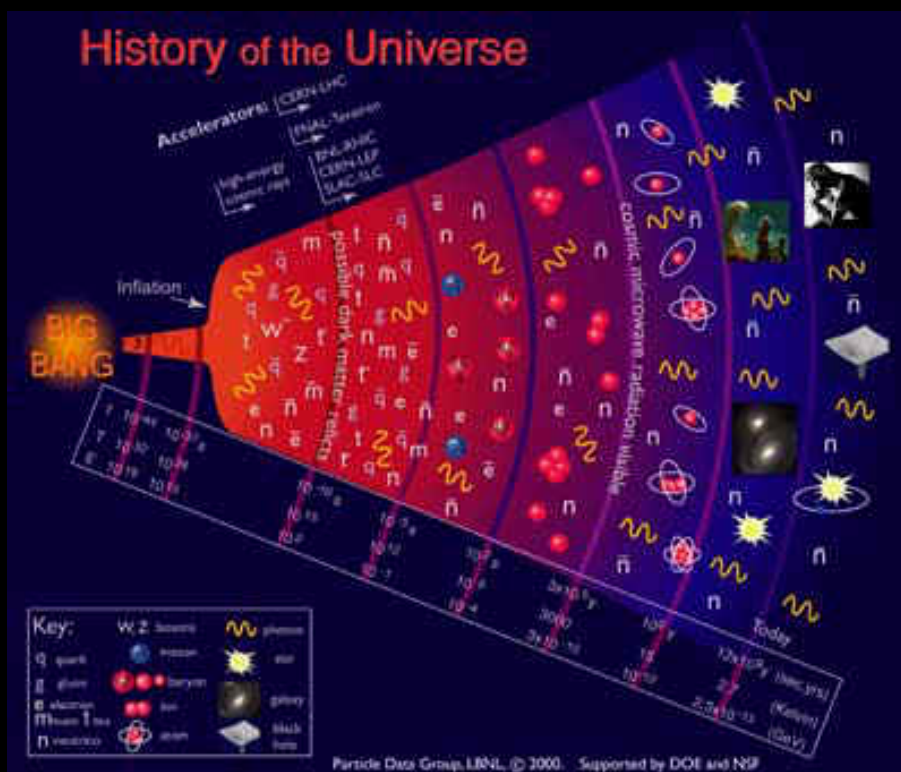
(The Holy Qur'an, Chapter 2, Verse 117)

...and the universe came into existence, some billions of years ago in a tremendous explosion called "The Big Bang." This is mentioned in the Qur'an in the following verses:

“Do not the Unbelievers see that the Heaven and the Earth were joined together, before We EXPLODED (BIG BANG) into existence? Will they not then believe?”
(The Holy Qur'an, Chapter 21, Verse 30)


The discovery of “The Big Bang” and of “The aquatic origin of life” was made by the non-Muslims, (*“do not the Unbelievers see”*). In the beginning all the matter and space (heavens) were at one point (one piece). Then every thing was separated in what the physicists describe as “The big bang.”

The evidence for “The big bang” is so overwhelming that it is now considered a fact and not a theory which was worked out in the 1920's by two scientists quite independently of each other, the Russian meteorologist Alexander Friedmann and the Belgian mathematician Georges Lemaitre.



The Big Bang itself resulted from an extremely dense singularity or NOTHINGNESS.

“Were they created from 'NOTHING'? Are they the Creators? Did they create the heavens

and the earth?..." 
(The Holy Qur'an, Chapter 52, Verse 35 and 36)

The creation of the universe is one of matter, space and time that are intimately linked together. Matter and space were joined as one and then were separated in the explosion.

All the evidence available today suggests an explosive origin to the universe that brought both space and time into existence.

But what was the state of the Universe before its existence ?

 STATE BEFORE UNIVERSE'S BIRTH 



The science of modern cosmology, observational and theoretical, clearly indicates that, at one point in time, the whole universe was nothing but a cloud of 'smoke' (i.e. an opaque highly dense and hot gaseous composition). This is one of the undisputed principles of standard modern cosmology. Scientists now can observe new stars forming out of the remnants of that 'smoke'.



A new star forming out of a cloud of gas and dust (nebula), which is one of the remnants of the 'smoke' that was the origin of the whole universe. (The Space Atlas, Heather and Henbest, p. 50.)

The illuminating stars we see at night were, just as was the whole universe, in that 'smoke' material. God

has said in the Qur'an:

"Then He turned (His attention) to the heaven when it was SMOKE..."

(The Holy Qur'an, Chapter 41, Verse 11)



The Lagoon nebula is a cloud of gas and dust, about 60 light years in diameter. It is excited by the ultraviolet radiation of the hot stars that have recently formed within its bulk. (Horizons, Exploring the Universe, Seeds, plate 9, from Association of Universities for Research in Astronomy, Inc.)

Because the earth and the heavens above (the sun, the moon, stars, planets, galaxies, etc.) have been formed from this same 'smoke', we conclude that the earth and the heavens were one connected entity. Then out of this homogeneous 'smoke,' they formed and separated from each other. God has said in the Qur'an:

"Have not those who disbelieved known that the heavens and the earth were one connected entity, then We separated them?..."

(The Holy Qur'an, Chapter 21, Verse 30)

"The word of your Lord is complete in truth and justice..."

(The Holy Qur'an, Chapter 6, Verse 115)

BIRTH OF THE UNIVERSE



Where as the Holy Bible interprets it, the word `day' means the interval of time between two successive sunrises or sunsets for an inhabitant of the Earth. While the Holy Qur'an say it as `Periods' (Heavenly periods or span).

Scientists says that it was impossible for the Earth and the Heavens to form in just 6 days or 144 hours. The gases took thousands of years to form the heavenly bodies. They thus have no problem in accepting the Qur'anic verse saying that to be formed in six days or six stages. Which can be a long long time then.

CREATION TOOK PLACE IN TOTAL SIX SPACE-PERIODS



Lo! your Lord is Allah Who created the heavens and the earth in six periods (space elapses), then mounted He the Throne. He covereth the night with the day, which is in haste to follow it..

(The Holy Qur'an, Chapter 7, verses 54-56)

There are many such verses stating the same thing.

While its described that out of those 6 periods, the period assigned to form the earth were two.

.. Him Who created the earth in two periods (space elapses), and ascribe ye unto Him rivals? He (and

none else) is the Lord of the Worlds. 

(The Holy Qur'an, Chapter 41, verses 9-12)

Dr. Alfred Kroner is one of the world's renowned geologists. He is Professor of Geology and the Chairman of the Dept. of Geology at the Institute of Geosciences, Johannes Gutenberg University, Mainz, Germany. He said:

"Thinking where Muhammad came from . . . I think it is almost impossible that he could have known about things like the common origin of the universe, because scientists have only found out within the last few years, with very complicated and advanced technological methods, that this is the case."

Also he said:

"Somebody who did not know something about nuclear physics fourteen hundred years ago could not, I think, be in a position to find out from his own mind, for instance, that the earth and the heavens had the same origin."

"If they say, 'He fabricated (the Qur'an), tell them, 'Then produce then verses like these and invite whomever you can other than God if they are truthful'"

(The Holy Qur'an, Chapter 11, Verse 13)

 **EXPANDING UNIVERSE** 



In 1924, Edwin Hubble started to calculate the length between Earth and other stars.. He passed the star lights through a spectrum. He saw that every star has different colors. Then he calculated the length by using the red tones. **And he found that the stars were going away from us!!!.** Really, Science is accepting that if a star has red tones in the spectrum light, it is going away from us.. Today, all Scientists are accepting that proved truth..

Look what Stephen W. Hawking says: "Founding that the universe's expanding is the biggest idea revolution in 20th century. It is not able to think why none had thought this when we look from now to past.. Newton could find this when he found the static universe's gravity effect."

Yes, none thought about this in past too in spite of its writing in somewhere:



"We created the universe with our force and we are EXPANDING it"

(The Holy Qur'an, Chapter 51, Verse: 47)

DESIGNING THE SEVEN UNIVERSES



The description of designing the Universe's balance, physical laws, gravity and construction is given below...

*Thus, He completed the **SEVEN UNIVERSES** in two periods (space elapses which can be millions of earthly years) , and set up the laws for every universe. And We adorned the lowest universe with lamps (allegory used for other planets & stars), and placed guards (gravity etc) around it . Such is the design of the*

Almighty, the Omniscient.



'Heavenly periods' are different than that of ours thus further confirms the cooling of the gases in the Universe before formation of other planets.

REVOLVING UNIVERSE



Today, everyone know that Earth and other planets are revolving around the Sun, and following an orbit. But when we look at the past, we could see people who think everything turning around Earth or Earth is on a turtle. But the truth found by Nicholas Copernicus in 16th Century. He rediscovered the heliocentric theory of planetary motion, which is the belief that the planets revolve around the sun.

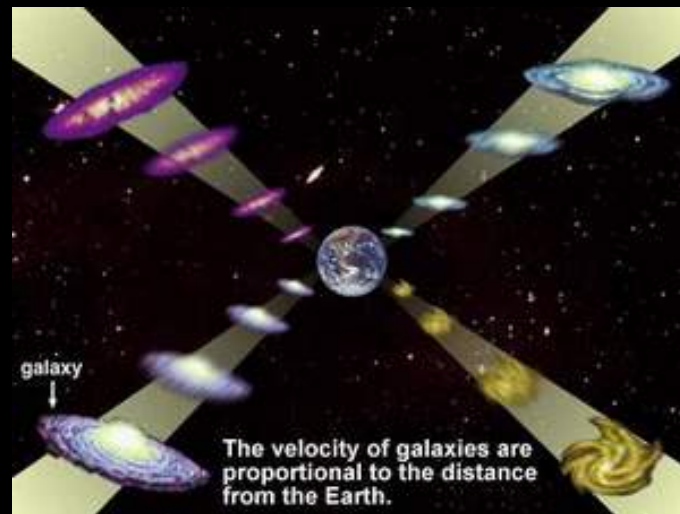
When we look to the Holy book which comes 14 centuries ago, we find surprising things in it. Things such as even galaxies revolve.



Now we know that all of stars, planets, and others have orbits. Here is the words in Qur'an:

"Consider the universe (all things in it) which has ways and ORBITS."

(The Holy Qur'an, Chapter 51, Verse 7)



We know that from atoms to the galaxies, everything in the universe are revolving. In addition, they are never deviating from their orbits.

After all, it is difficult to ignore the glorious Qur'an. Universe's all secrets were written and preserved since 14 centuries.

"Indeed it is a glorious Qur'an. Preserved in a Master Tablet"

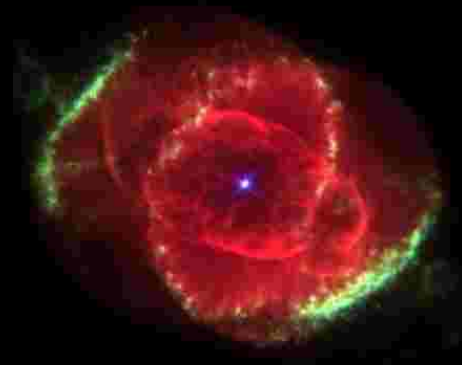
(The Holy Qur'an, Chapter 85, Verse 21)

UNIVERSE : THOUGH EXPANDING BUT STILL CLOSE



Universe was expanding for a long time, and it is expanding now, too. But, will it always go like this? Will it always expand? This question divided scientists into two groups since 5 years ago. Some of them thought that the universe will always expand, some didn't. Two of them had some proves for their ideas. But now, scientist found lots of proves about the universe's expand will stop sometime. It is the "Closed Universe Model".

You can find a few scientists that think the universe is "open". But last calculations given this result: The Universe is 92% Closed! Scientists don't know when it stops expanding, but they know some important things. Like a balloon, when it stops expanding, it will become narrow. And at this point, all the regularity will gone and the dark space starts to become red! Yes, in a short time, all the space will become red like a rose.



"What will you do when the Universe become RED like a ROSE?"

(The Holy Qur'an, Chapter 55, Verse 37)

Above picture is taken by the NASA Hubble Space Telescope of the "Cat's Eye Nebula." It is an exploding star 3,000 light years away. They should have called it the "Red Rose Nebula." the image was published by NASA on Oct 31, 1999

How could Muhammad (p.b.u.h.) have possibly known all this 1400 years ago, when scientists have only recently discovered this using Modern Technology and advanced equipment which did not exist at that time !

*Those who disbelieved said, *"This is a fabrication that he (Muhammad) produced, with the help of some other people..."* (1)

No !!! *"These are the revelations that We recite to you (O Muhammad), providing a message full of wisdom."* (2)

"...We did not leave anything out of this book.." (3)

"It is preserved with us in the original master (tablet)...." (4)

"...in it are SIGNS for those who possess intelligence" (5)

--- References from the Holy Qur'an ---

(1) Chapter 25, Verse 4,

(2) Chapter 3, Verse 58, (3) Chapter 6, Verse 38,

(4) Chapter 43, Verse 4,

(5) Chapter 3, Verse 190)

Dr. Yoshihide Kozai is Professor Emeritus at Tokyo University, Hongo, Tokyo, Japan, and was the Director of the National Astronomical Observatory, Mitaka, Tokyo, Japan. He said:

“I am very much impressed by finding true astronomical facts in [the] Quran, and for us the modern astronomers have been studying very small pieces of the universe. We’ve concentrated our efforts for understanding of [a] very small part. Because by using telescopes, we can see only very few parts [of] the sky without thinking [about the] whole universe. So, by reading [the] Qur'an and by answering to the questions, I think I can find my future way for investigation of the universe.”



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