

THE QURAN AND SCIENCE: A NEW PERSPECTIVE IN THE AGE OF THE INTERNET

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OUTLINE

- ❑ Show the relationship between the Quran and science.
- ❑ Reflections on science, knowledge and the human brain.
- ❑ Examining some Scientific-Signs of Allah.
- ❑ Understanding Allah's power in human terms.
- ❑ Recent scientific discoveries explained with the Signs given in the Quran.
- ❑ What lessons we can learn from the Quran in the age of the Internet.

SOME REALITIES

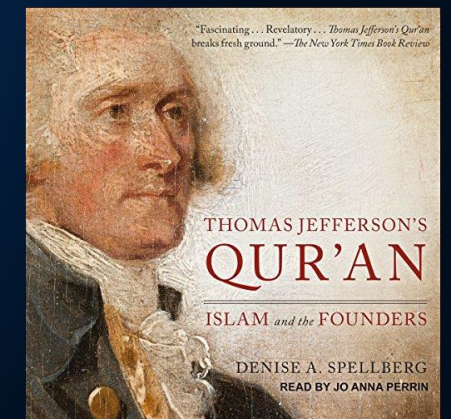
“Do not mix truth with falsehood, or hide the truth when you know it.” (Quran, The Calf, 2:42)

- ▶ We must not twist the meaning of something knowingly.
- ▶ We must not make opinions without knowledge.
- ▶ We must not judge any book without reading it.
- ▶ We must respect other faiths.
- ▶ No one can be forced to believe anything.
- ▶ Be careful in linking the Quran with science because some scientific theories will change.
- ▶ It is essential to listen to Christians and Atheists and be tolerant.
- ▶ The purpose is to show the scientific aspect of the Quran, not prove the existence of God.

THE QURAN

- ▶ Word of God, revealed 1,400 years ago, to Prophet Muhammad (PBUH) over a period of about 23 years, verse by verse or groups of verses.
- ▶ The Arabic Quran is unedited, unmodified, unaltered, and is not subject to changes.
- ▶ A unique book with style and content unmatched.
- ▶ The Quran is the only religious book that has references to Physics, Chemistry, Biology, Mathematics, Astronomy, Economics, Zoology, Ecology, Medicine, Biology, Oceanography, Geology, and Computing, and all correctly.
- ▶ When you read the Quran, it reads as if it was written for today's age.

“Or do they say: ‘He (Muhammad) has forged it?’ Say: ‘Bring then a chapter like unto it, and take assistance from whomsoever you can, besides Allah, if you are truthful!’” (Quran, Jonah, 10:38).



UNDERSTANDING THE QURAN

“It is He who has sent down to you, [O Muhammad], the Book; in it are verses that are precise - they are the foundation of the Book - and others Allegorical.” (Quran, The Family of Imran, 3:7).

- ▶ **Not twisting or stretching the Quran’s meanings to our purpose.**
- ▶ **Recognize that:**
 - ❑ The Quran has 918 euphemistic expressions in 703 verses.
 - ❑ Metaphorical language and textual coherence of the Quran.
 - ❑ Countless mentions of signs of Allah, many of which refer to computing.
 - ❑ The verses of the Quran directly confirm the science of different eras, including today’s knowledge.
 - ❑ Over 150 verses urging us to think, reason, analyze, compare, understand, observe, and use logic.
 - ❑ Don’t forget that scientific theories change.

SOME QUALITIES OF THE QURAN

- ▶ **Consistency**
- ▶ **Coherency**
- ▶ **Reads as if it was descended for today's age**
- ▶ **Difficult but also easy**
- ▶ **Unique style, no start, no end**
- ▶ **Read again and find something new**
- ▶ **Unsurpassed eloquence**

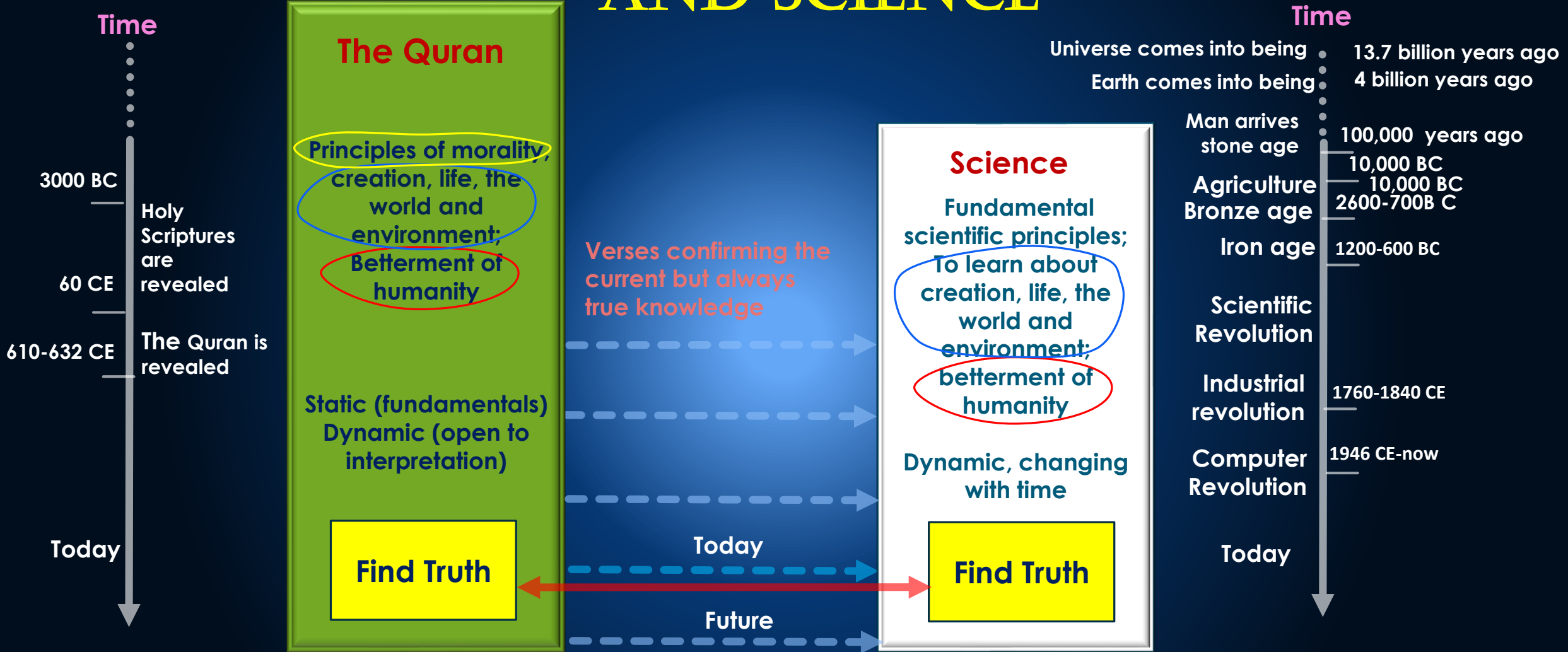
World Population and the Fastest Growing Islam

Religious Population and Projected Growth (in millions)

Item	Annual Percentage Growth (1910-2020)	←———— Years ———→			
		1910	2010	2021	2060
Christians	1.25%	612	2,260	2,400	3,945
Muslims	1.97%	222	1,553	1,900	4,142
Jews	0.12%	13	15	15	16
Hindus	1.55%	223	949	1,200	2,240
Buddhists	1.19%	138	494	506	813
Sikhs	1.92%	3.2	24	26	55
Confucianists	1.90%	0.7	6	6	13
World	1.10%**	1,758	6,650	7,800	13,479

***Current rate: 1.1% is used in the projection, 49 Muslim Majority countries, 10million Muslims in USA, the largest after Christians

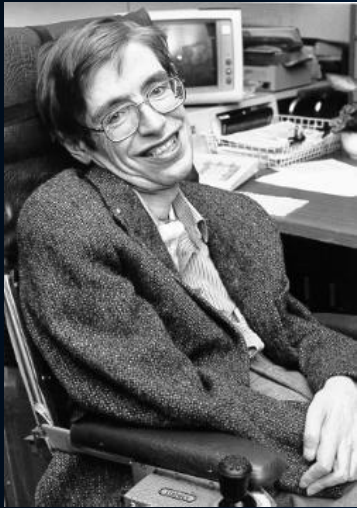
THE RELATIONSHIP BETWEEN THE QURAN AND SCIENCE



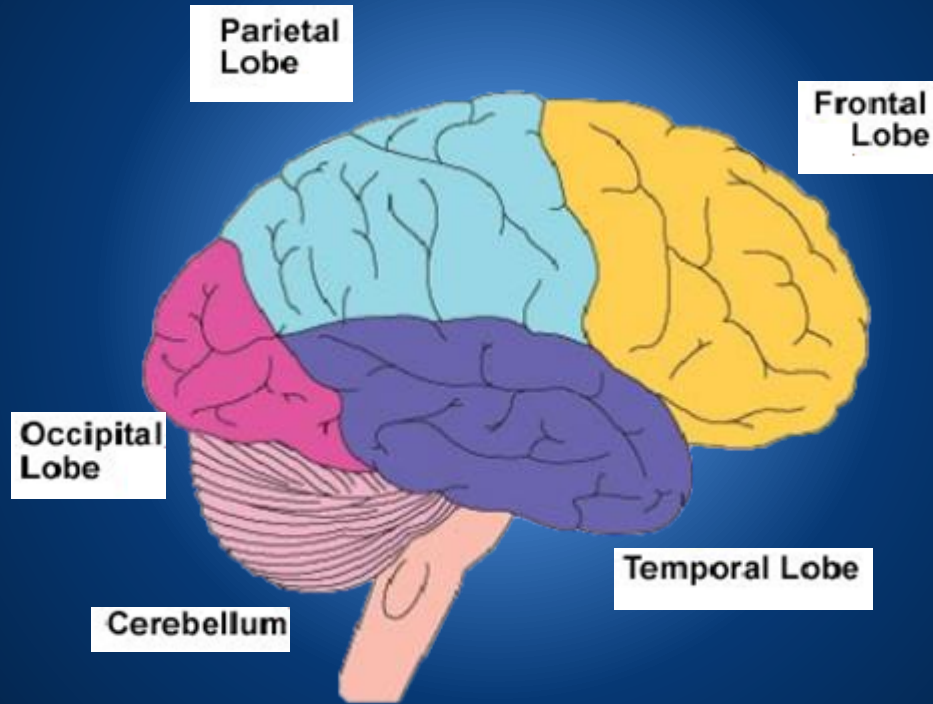
Science is also the study of the knowledge (Physics, Chemistry, Biology, etc.) created by Allah to understand the nature, universe and social world around us.

HUMAN BRAIN

Weighing about 3 pounds, the human brain is three percent of the body's weight and uses over 20 percent of the body's energy. The majority of the energy consumed in the rapid firing of millions of neurons communicating with each other.



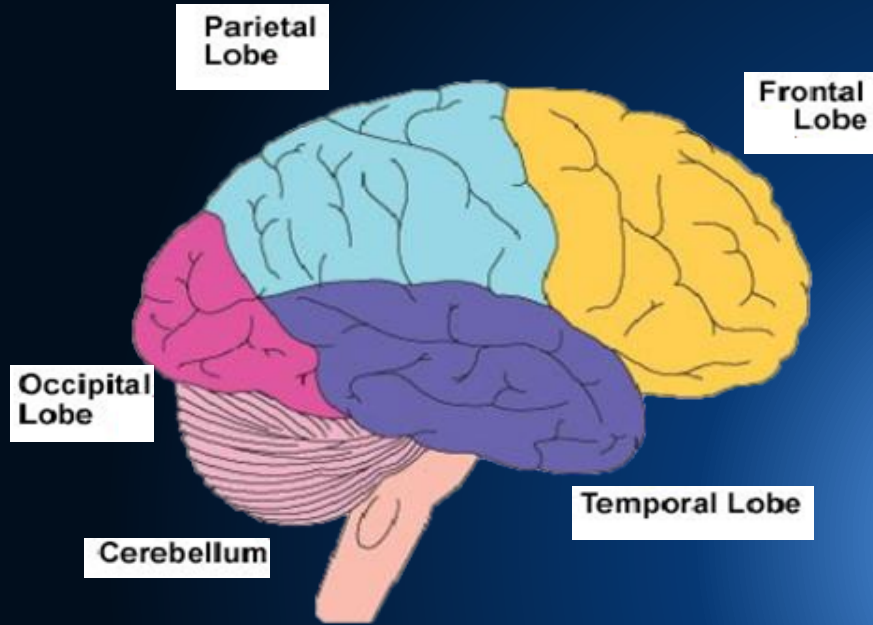
Typical
Scientists
and Atheists



Typical Religious leaders



PROSTRATION



“So you fall down in prostration to Allah and worship Him alone.” (Quran, The Star, 53:62).

“And Moses made haste, and bowed his head toward the earth, and worshipped.” (Exodus, 34:8).

“And he went a little farther, and fell on his face, and prayed.” (Matthew, 26:39)

“Abram fell facedown, and God said to him.” (Genesis, 17:3).

UNDERSTANDING THE UNIVERSE

إِنَّ فِي خَلْقِ السَّمَوَاتِ وَالْأَرْضِ وَأَخْتِلَافِ اللَّيْلِ وَالنَّهَارِ لَآيَاتٍ لِأُولِي الْأَلْبَابِ ۙ
الَّذِينَ يَذْكُرُونَ اللَّهَ قِيَامًا وَقُعُودًا وَعَلَىٰ جُنُوبِهِمْ وَيَتَفَكَّرُونَ فِي خَلْقِ السَّمَوَاتِ
وَالْأَرْضِ رَبَّنَا مَا خَلَقْتَ هَذَا بَطِيلًا سُبْحَانَكَ فَقِنَا عَذَابَ النَّارِ ۙ

“Indeed, in the creation of the heavens and the earth and the alternation of the day and night there are signs for people of reason. They are those who remember Allah while standing, sitting, and lying on their sides, and reflect on the creation of the heavens and the earth and pray, ‘Our Lord! You have not created all of this without purpose. Glory be to You! Protect us from the torment of the Fire.’” (Quran, The Family of Imran, 3:190-191)

1. THE QURANIC LAW OF THE COMPLEXITY OF THE UNIVERSITY

“The creation of the heavens and earth is greater than the creation of humankind, and many people do not know.” (Quran, The Forgiver, 40:57)



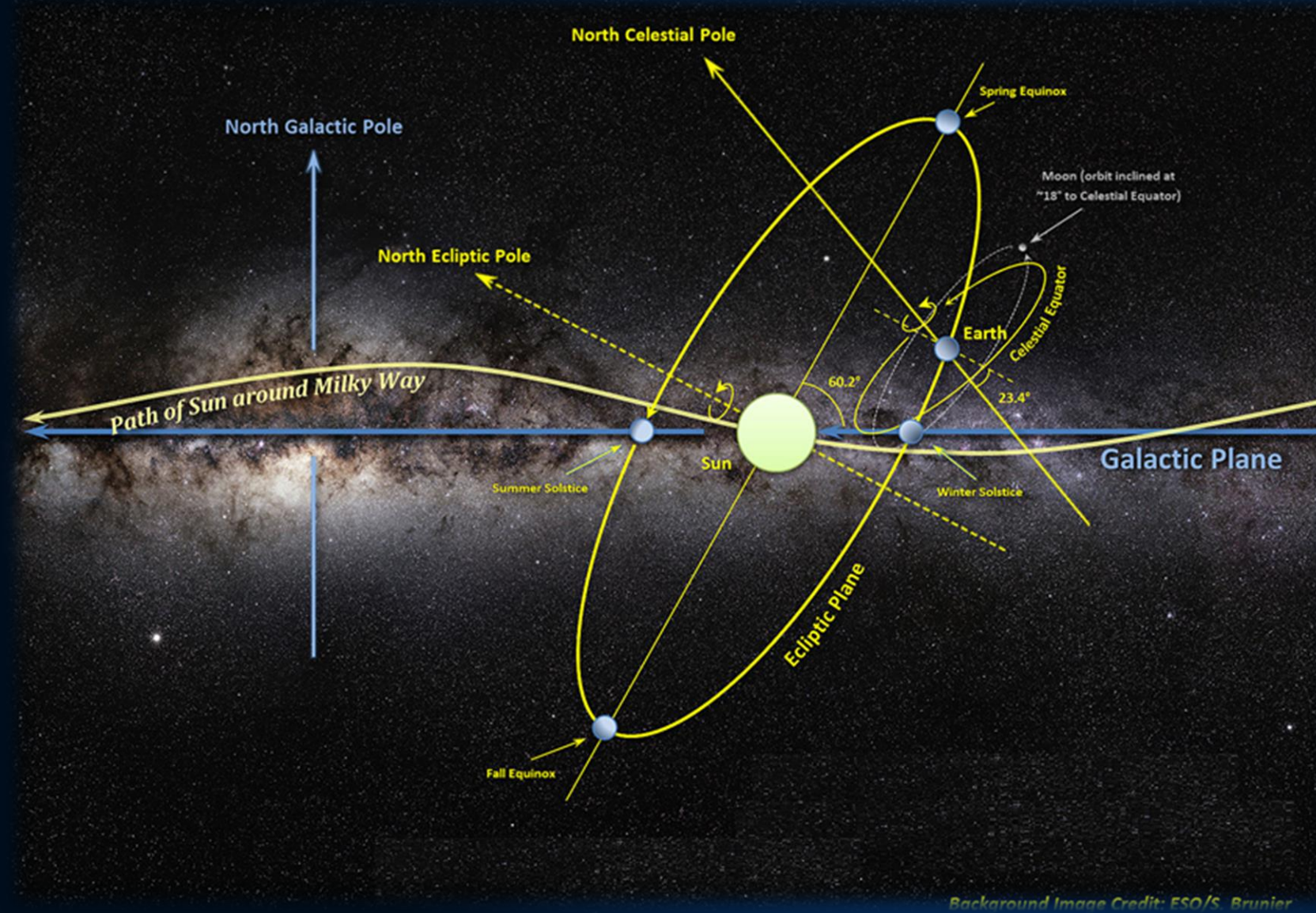
Big Bang

“Have the unbelievers not ever considered that the heavens and the earth were one piece and that We tore them apart from one another?” (Quran, The Prophets, 21:30).

2. THE QURANIC LAW OF COSMIC MOVEMENTS

“By the sky full of orbits.” (Quran, The Winds That Scatter, 51:7).

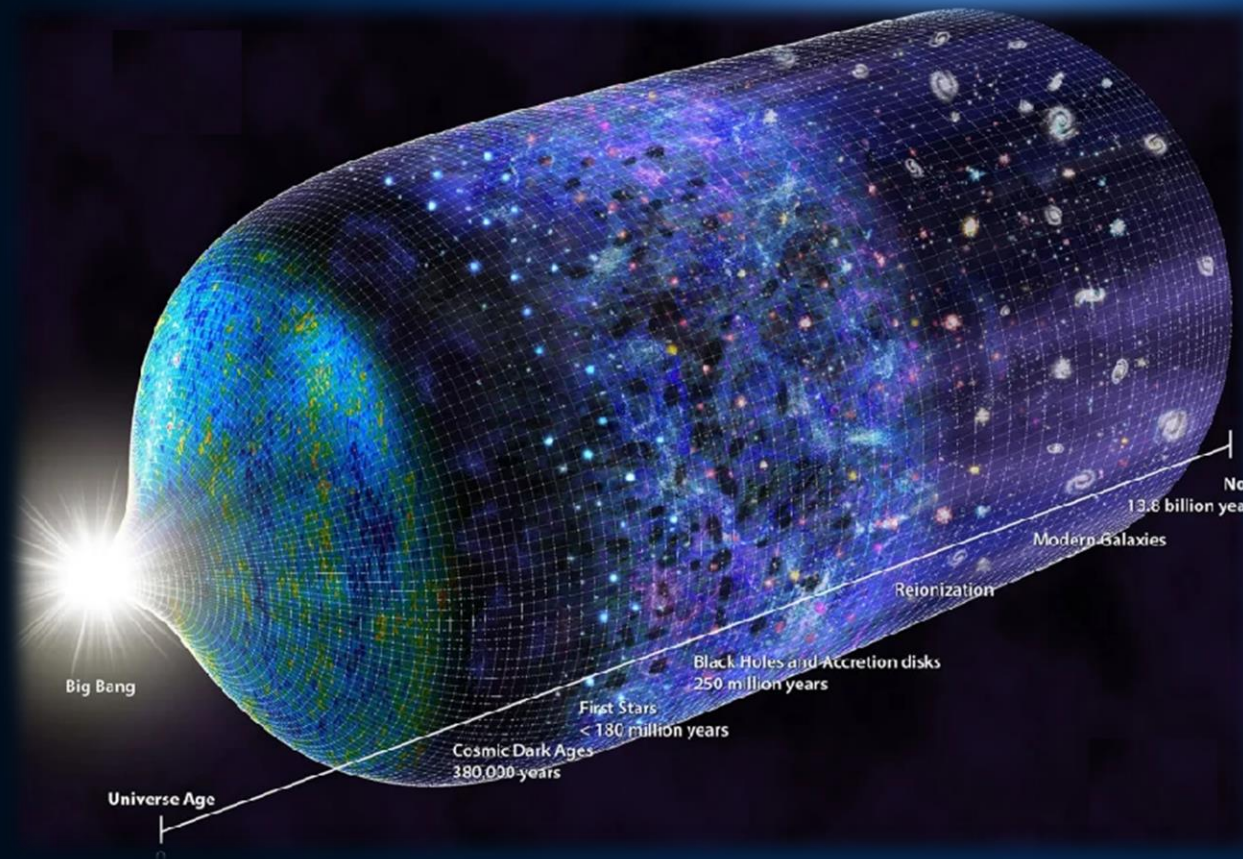
“And it is He who created the night and the day and the sun and the moon; All heavenly bodies swim in an orbit.” (Quran, The Prophets, 21:33).



Object	Speed	Orbit
Milky Way	240,000 mph	
Sun	514,000 mph	200 million years
Earth	67,000 mph	One year
Moon	2,288 mph	27.5 days

3. THE QURANIC LAW OF EXPANSION

“And it is We Who have built the Universe, and behold, We are steadily expanding it,” (Quran, The Winds That Scatter, 51:47)



The Universe's Steady Expansion

4. THE QURANIC LAW OF BALANCE IN THE UNIVERSE

“And the heaven He raised, and He set up the balance,” (Quran, The Most Merciful, 55:7-9)

Many kinds of Balance

Balance of stars and galaxies:

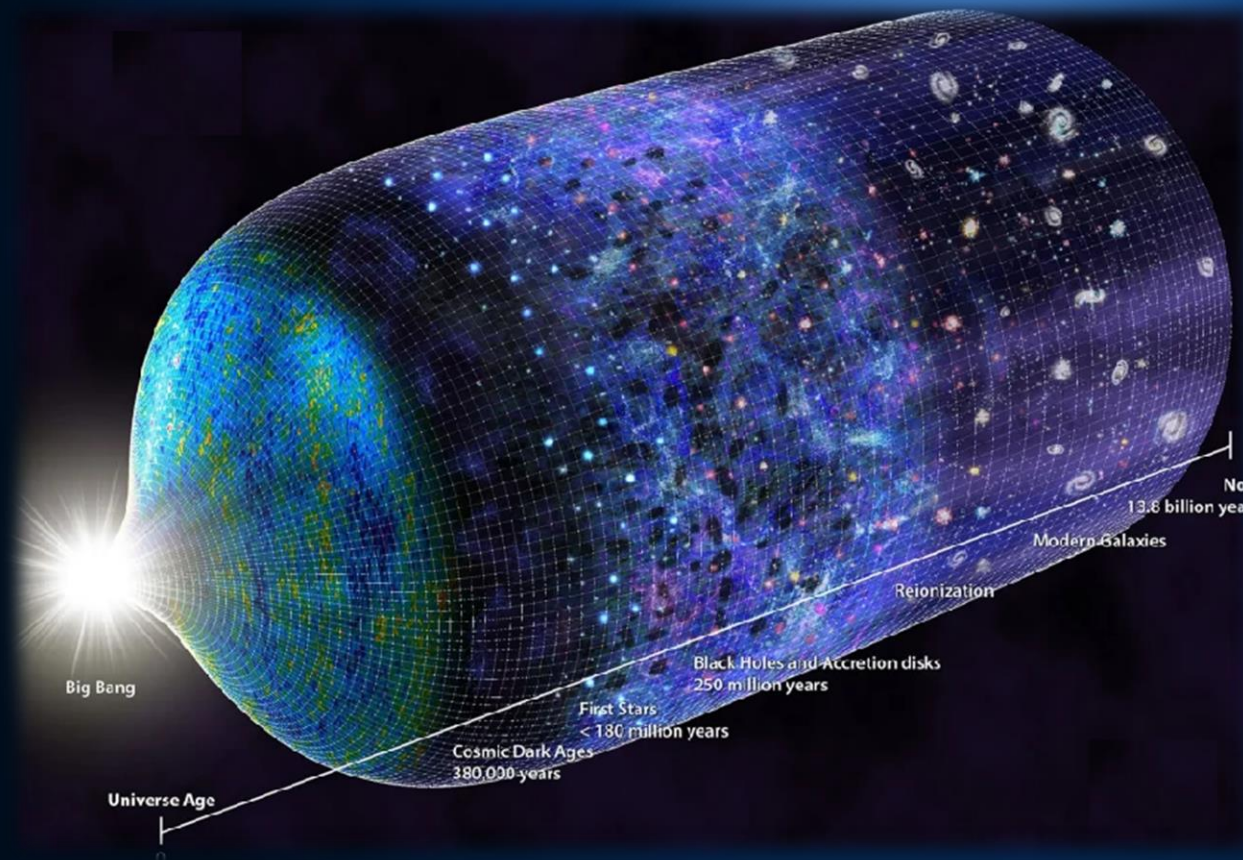
1. Matter
2. Dark Matter
3. Dark Energy

Balance of the 4 essential forces:

1. Gravity force
2. Electromagnetic force
4. Strong Nuclear Force
4. Weak Nuclear Force

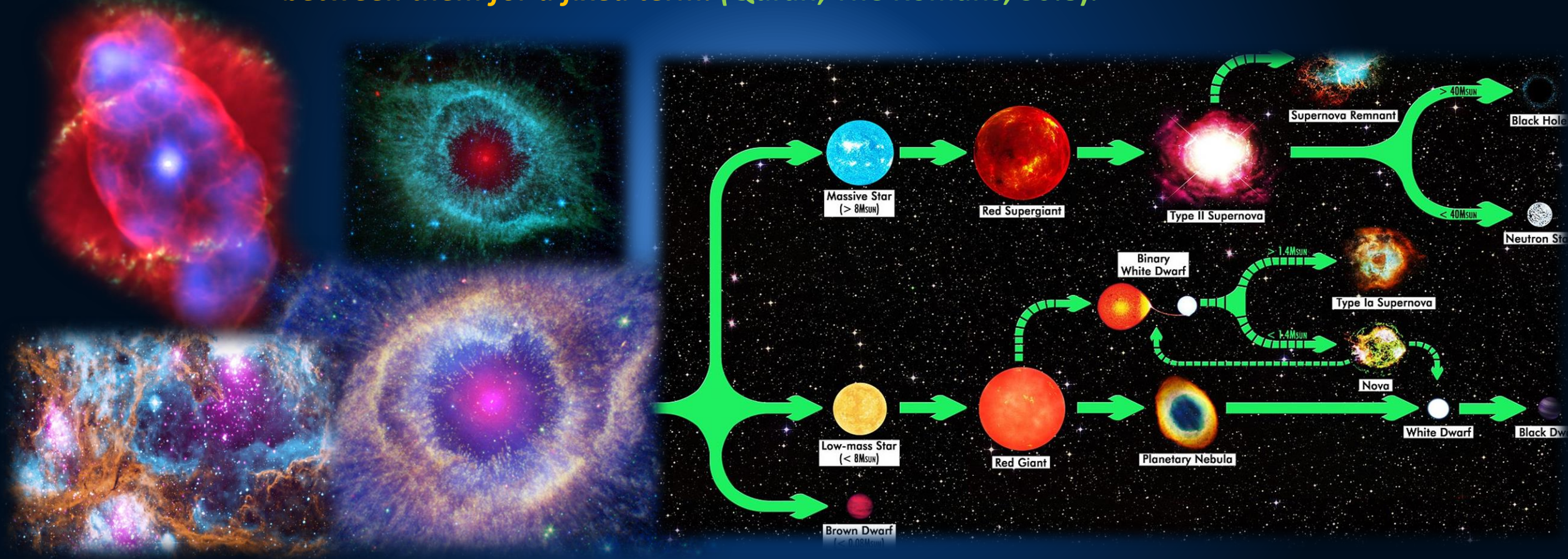
Balance of a star:

1. Gravity force
2. Inner core's heat



5. THE QURANIC LAW OF THE BIRTH AND DEATH OF STARS

“Allah created the heaven and the earth in truth, and each entity between them for a fixed term. (Quran, The Romans, 30:8).



“And when the heaven is split open and becomes rose-colored like oil.” (Quran, The Most Merciful, 55:37).

6. THE QURANIC LAW OF THE UNKNOWN

“None in the heavens and earth knows the unseen except Allah,” (Quran, The Ant, 27:65)

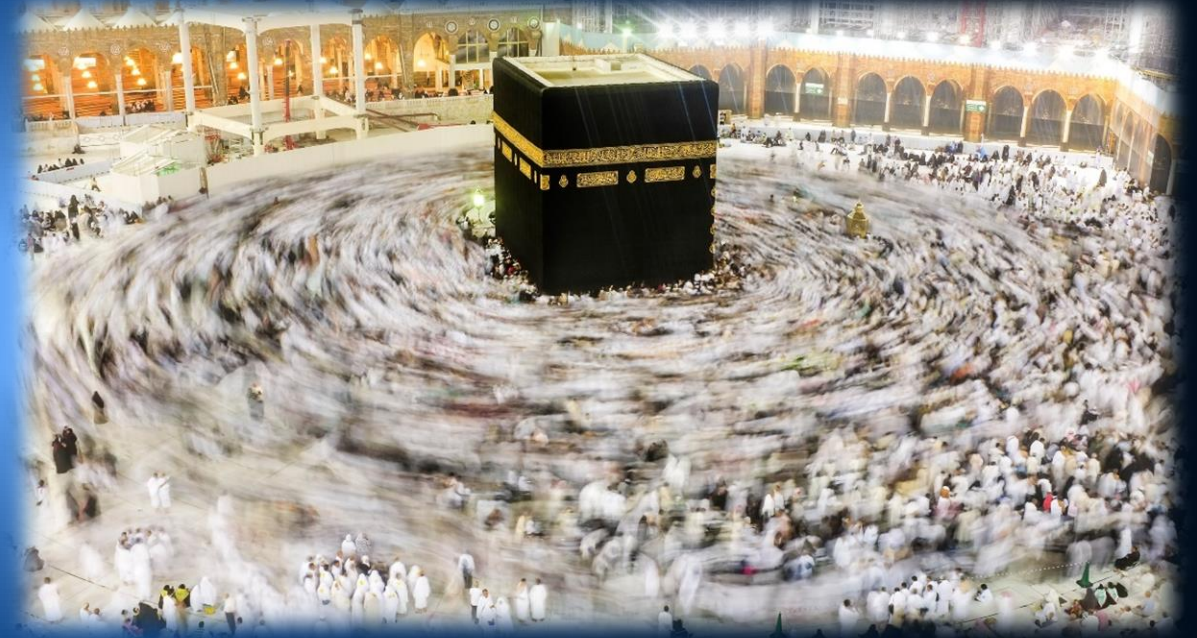
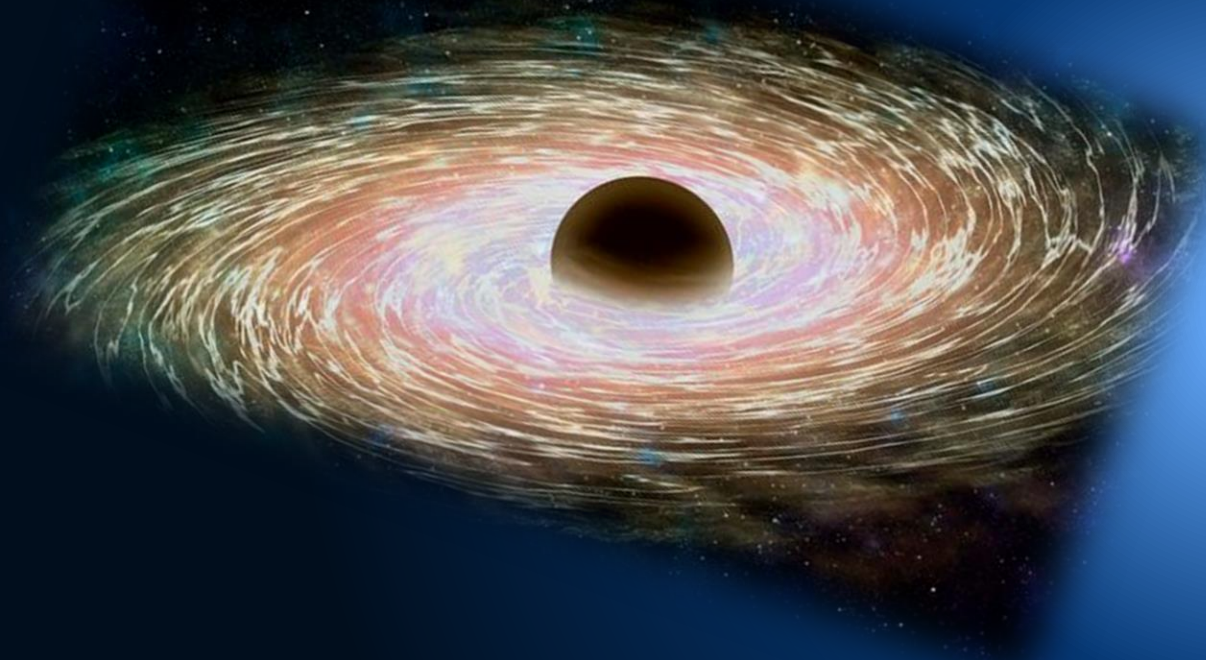
Only 5% of the universe is visible
Science is clueless about
Dark Matter (over 80% is unseen)
Dark Energy
Many aspects of Black Holes
Multiple Universes (7 heavens)

“Is not He who created the heavens and the earth Able to create the likes of them? Yes, it is so; and He is the Knowing Creator.” (Quran, Yasin, 36:81).

“It is Allah who has created seven heavens and of the earth, the like of them.” (Quran, Divorce 65:12).

A GALAXY OF STARS AND A GALAXY OF PILGRIMS

“The stars and trees prostrate.” (Quran, The Most Merciful, 55:1-6).



“Purify My House for those who compass it round, or use it as a retreat, or bow, or prostrate themselves .” (Quran, The Calf, 2:125).

SOME LATEST SCIENTIFIC DISCOVERIES ABOUT THE EARTH AND UNIVERSE

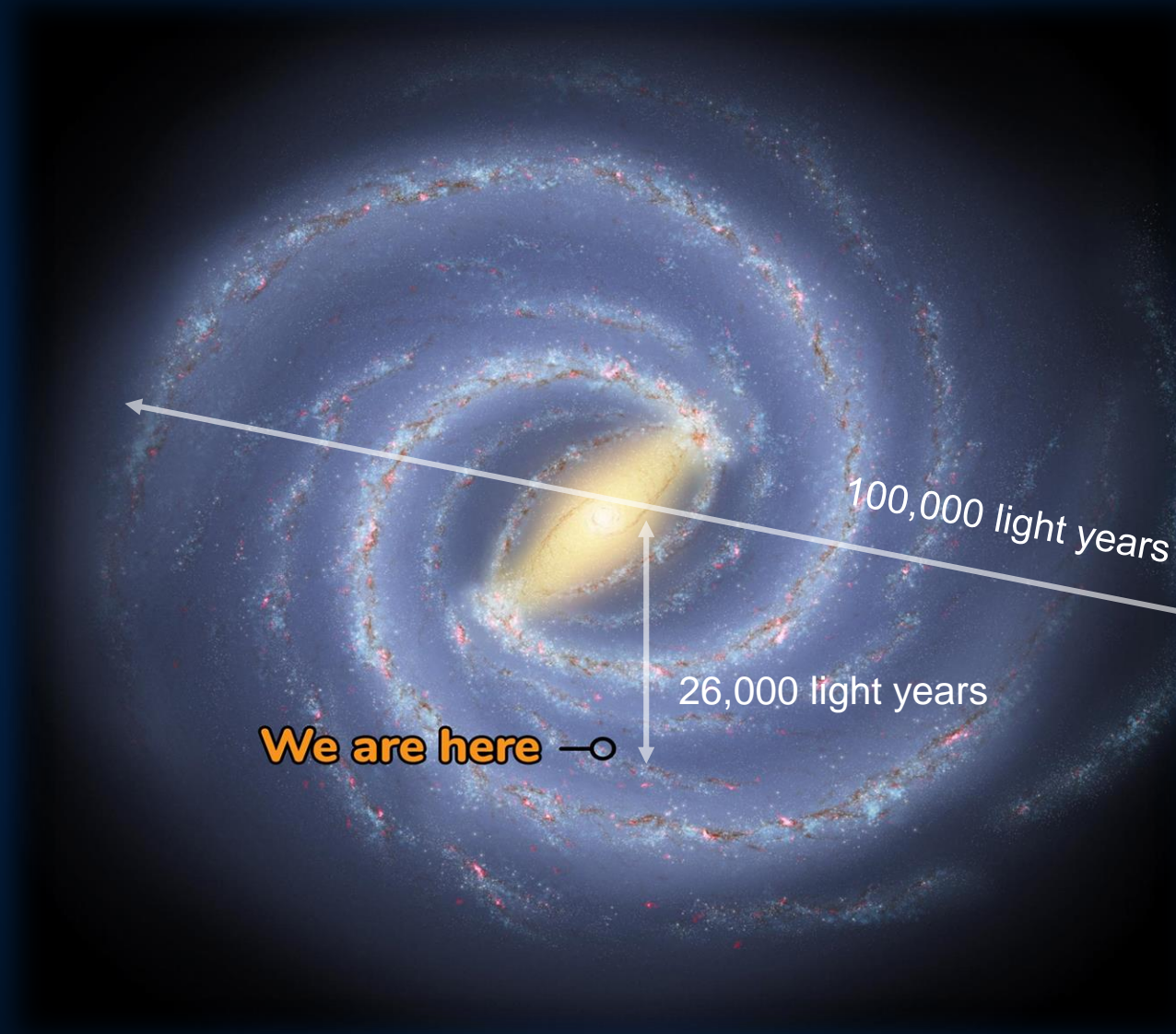
Scientists: The life on Earth is a creation of “6 lucky breaks”



The probability of 6 sixes = $1/6 \times 1/6 \times 1/6 \times 1/6 \times 1/6 \times 1/6 = 1/46,656$

The probability of 6 events = $1/\text{million} \times 1/\text{million} \times 1/\text{million} \times 1/\text{million} \times 1/\text{million} \times 1/\text{million} = 1/10 \text{ power } 36$

FIRST LUCKY BREAK: EARTH'S IDEAL POSITION

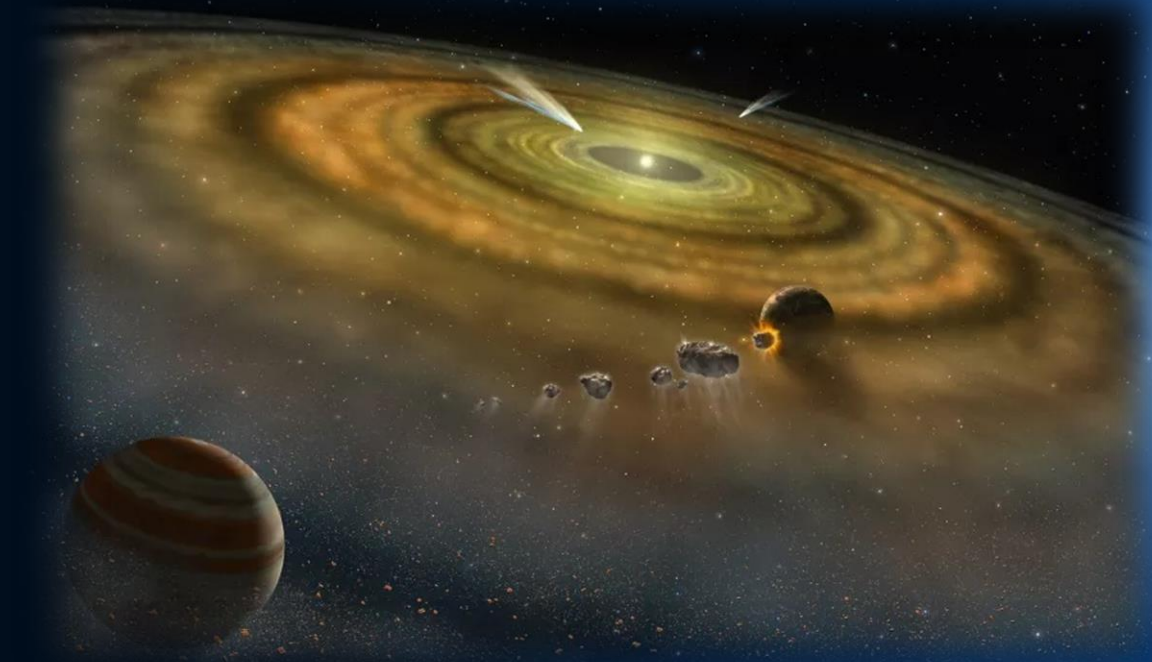


**Milky Way,
our galaxy**

FIRST LUCKY BREAK: EARTH'S IDEAL POSITION

Five billion years ago: There is a cloud and smoke of interstellar gas and dust

Then 99% of the cosmic smoke moves to the center to create the Sun and the 1% of the dust makes the planets of our solar system including the Earth. But why and how this way? Anyone knows?

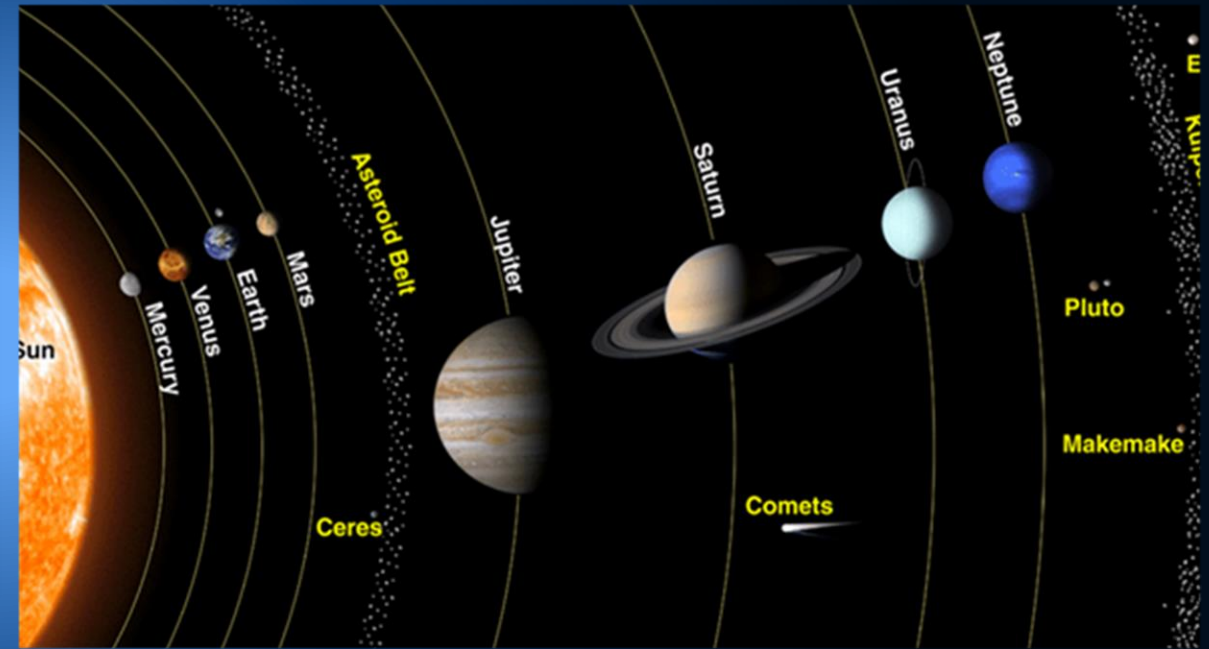
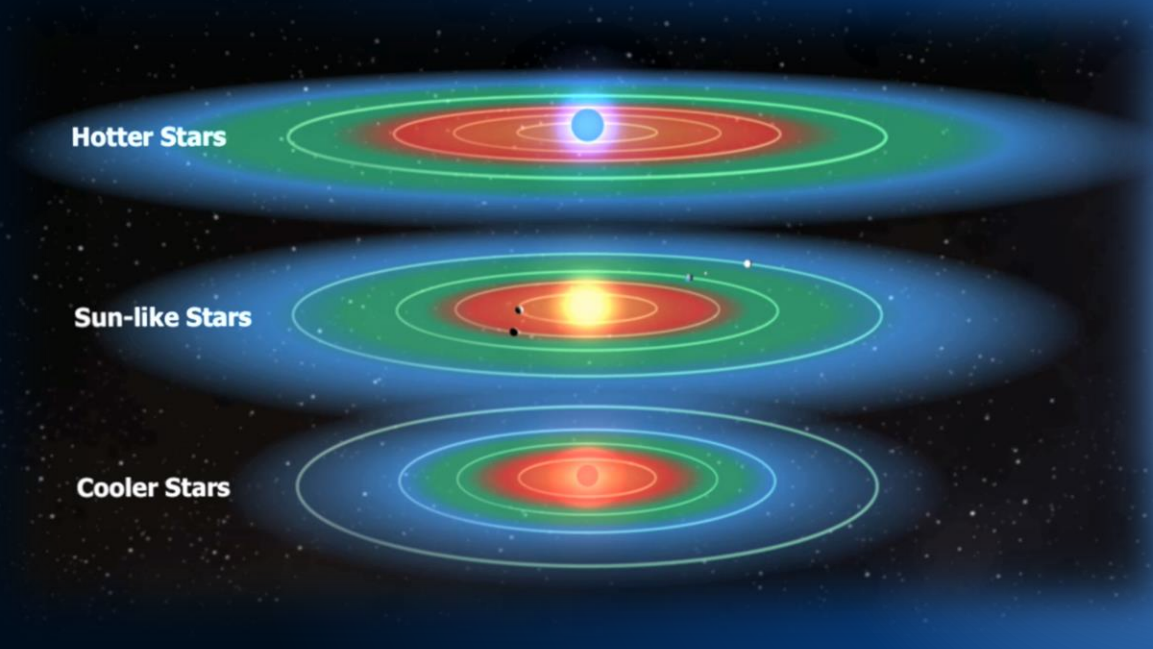


“Then He directed Himself to the heaven while it was smoke and said to it and to the earth, ‘Come into being, willingly or by compulsion.’ They said, ‘We have come willingly.’” (Quran, Expounded, 41:11)

FIRST LUCKY BREAK: EARTH'S IDEAL POSITION

The rotation created a **protoplanetary disc**, a spinning disk of rock and dust like a pizza dough

Goldilocks zone: Ideal position of Earth for supporting life



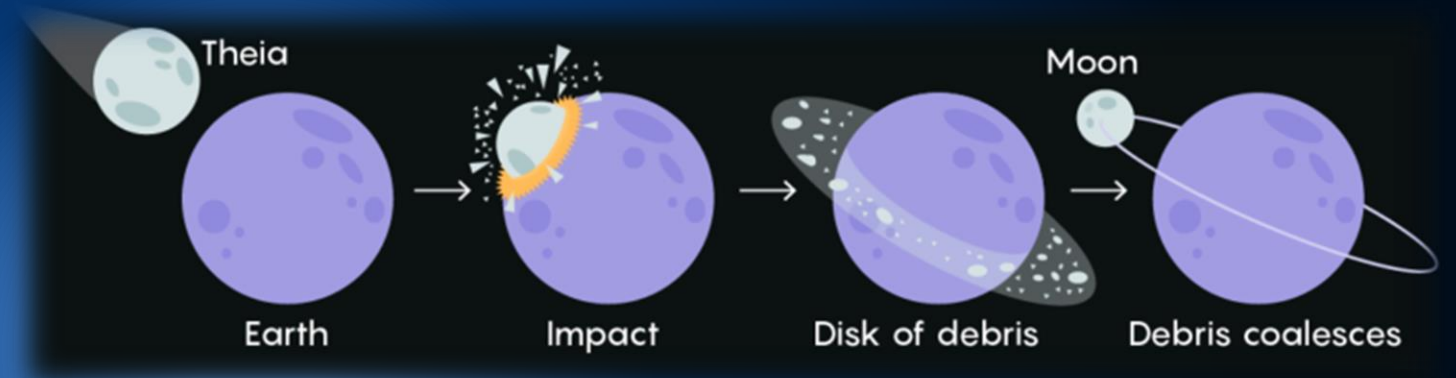
Mercury and Venus too close, Uranus and Neptune too far from the Sun

Jupiter and Saturn protect the Earth

The Quran refers to stars and planets with different Arabic words.

SECOND LUCKY BREAK: THE MOON

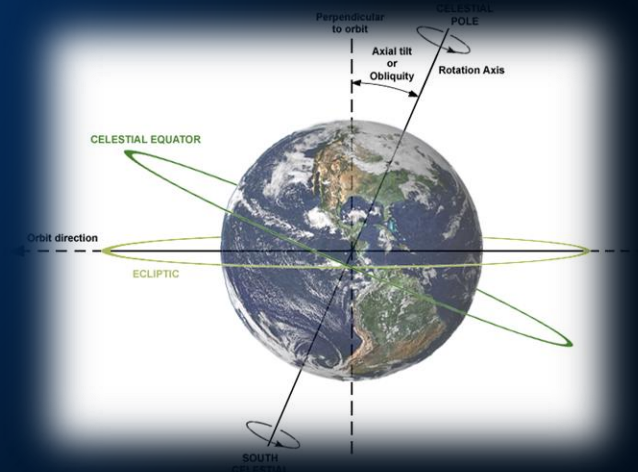
Moon is created. By Chance? Is the tilt of Earth by chance?



“And the moon, We have measured its positions for it till it returns like the old dried curved date stalk.” (Quran, Yasin, 36:39),

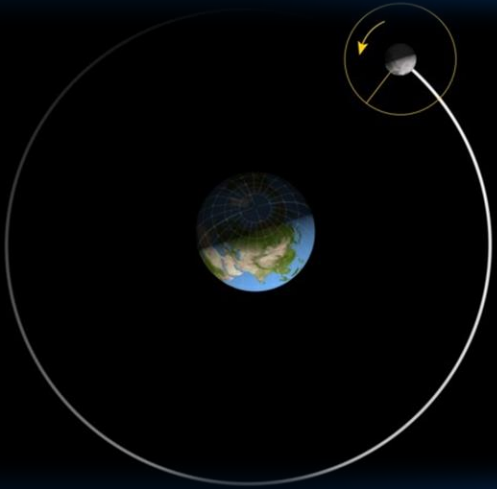
“And made the moon therein a reflected light and made the sun a burning lamp.” (Quran, Noah 71:16).

“It is Allah Who sends the Winds, and they raise the Clouds.” (Quran, The Romans, 30: 48).



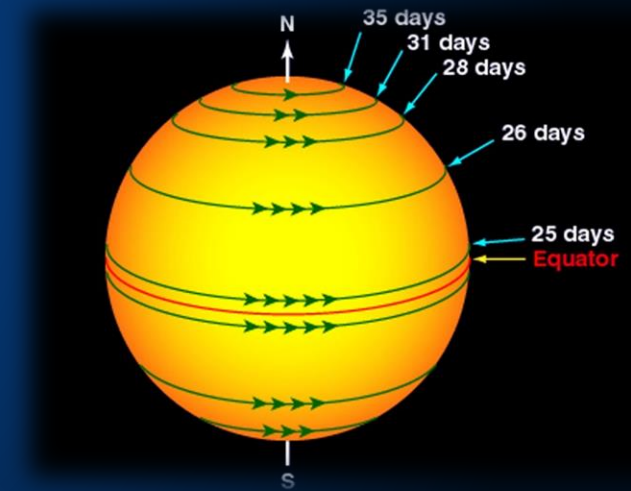
THE SUN AND THE MOON

- ▶ **NASA:** The Sun rotates on its axis once in about 27 days. The **Sun's** rotation axis is tilted by about 7.25 degrees from the axis of the Earth's orbit.
- ▶ **The moon** orbits Earth once every 27.322 days. It also takes approximately 27 days for the moon to rotate once on its axis—**synchronous rotation**



“The sun and the moon orbit with precisely computed movements.”
(Quran, The Most Merciful, 55:5).

“It is not allowable for the sun to reach the moon, nor does the night overtake the day, but each, in an orbit, is swimming.” (Quran, Yasin, 36:40).

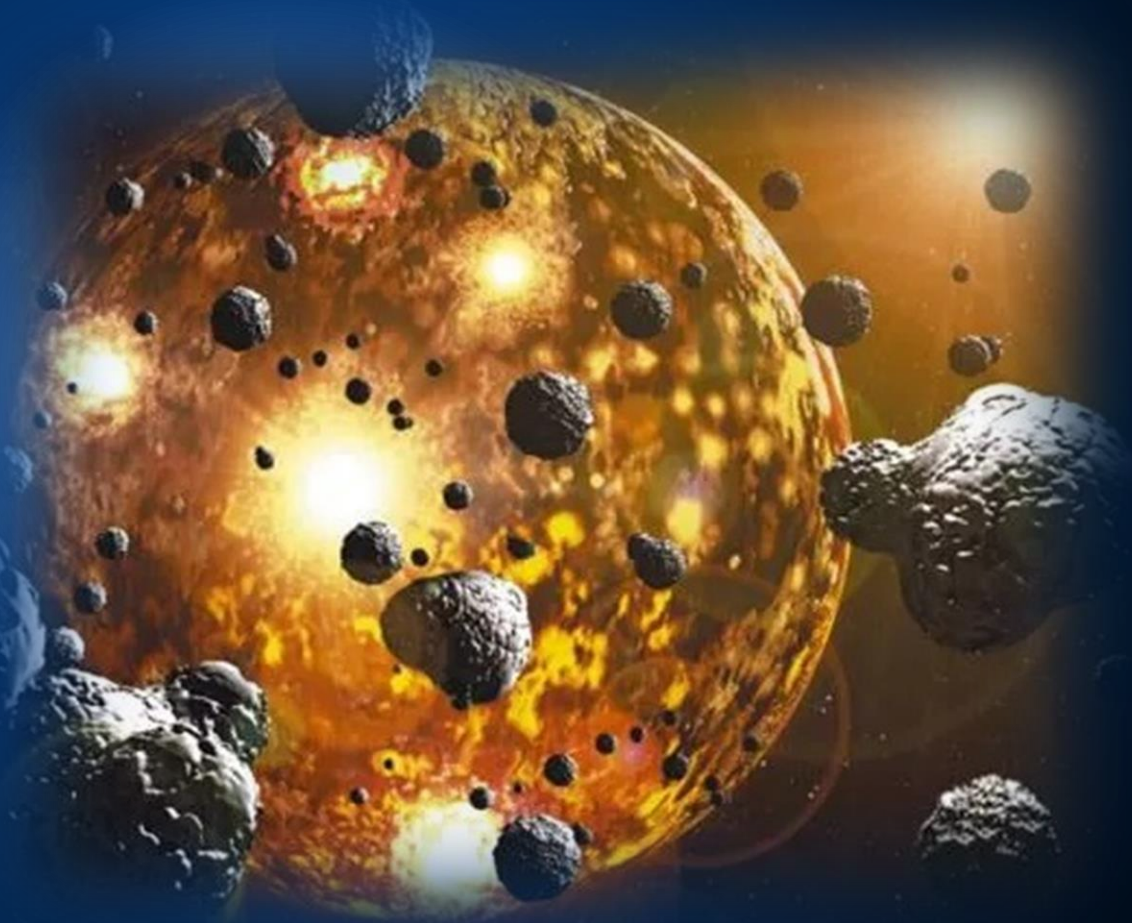


THIRD LUCKY BREAK: IRON ARRIVES

Two billion years ago: Asteroids showered down smaller chunks of rock.

*“And We sent down iron,
wherein is great military might
and benefits for the people.”*
(Quran, Iron, 57:25)

Iron age: 2000 BC or so



HOW IRON WAS CREATED

“Allah created the heaven and the earth in truth, and each entity between them for a fixed term. (Quran, The Romans, 30:8).

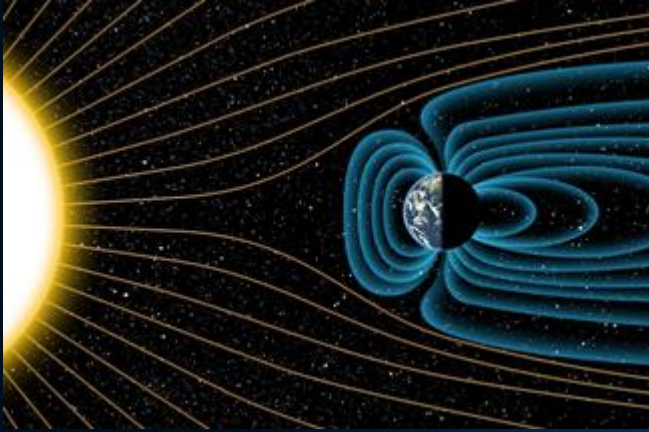


“The creation of the heavens and earth is greater than the creation of humankind, and many people do not know.” (Quran, The Forgiver, 40:57)

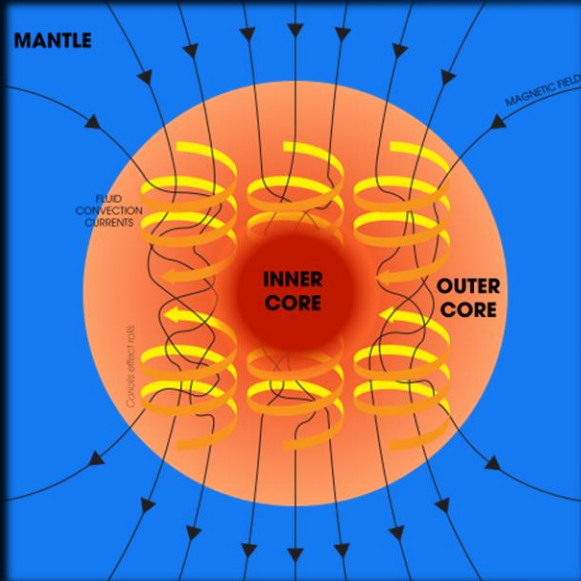
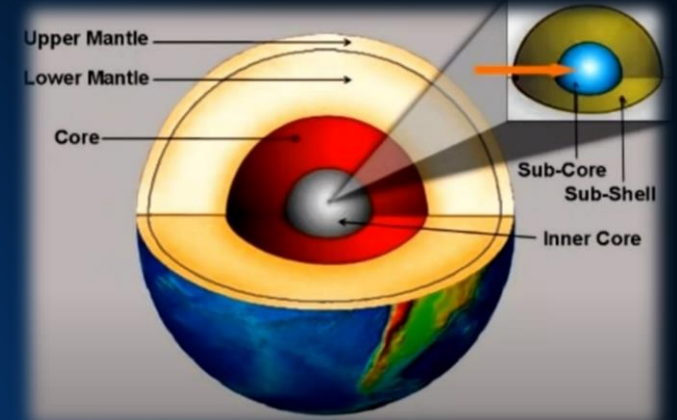
After completing their terms, stars explode causing cosmic fusions

Sequences of stars create iron, other sequences of stars create gold, and copper, lead, rhodium, etc., and send it into space as debris.

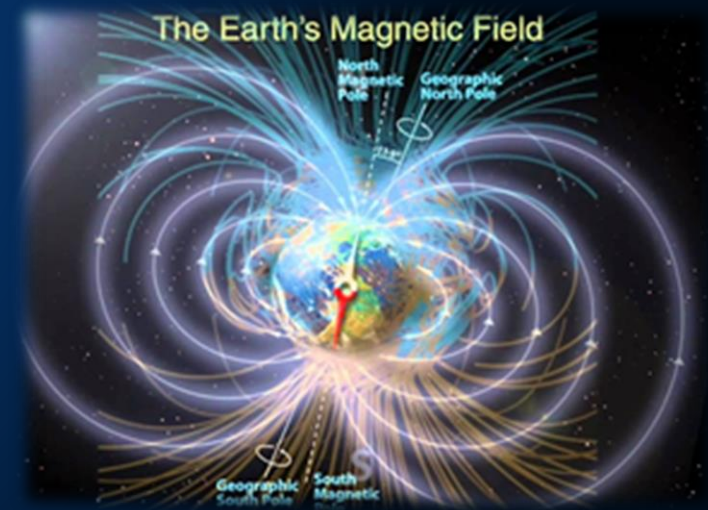
PROTECTIVE LAYER



The magnetic shield acting as an umbrella



“And We made the sky a protected ceiling, but they, from its signs, are turning away.” (Quran, Prophets, 21:32)



FOURTH LUCKY BREAK: WATER ARRIVES

4.5 to 3.8 billion years ago: The Earth is full of nitrogen and carbon dioxide, missing the essential ingredient, water.

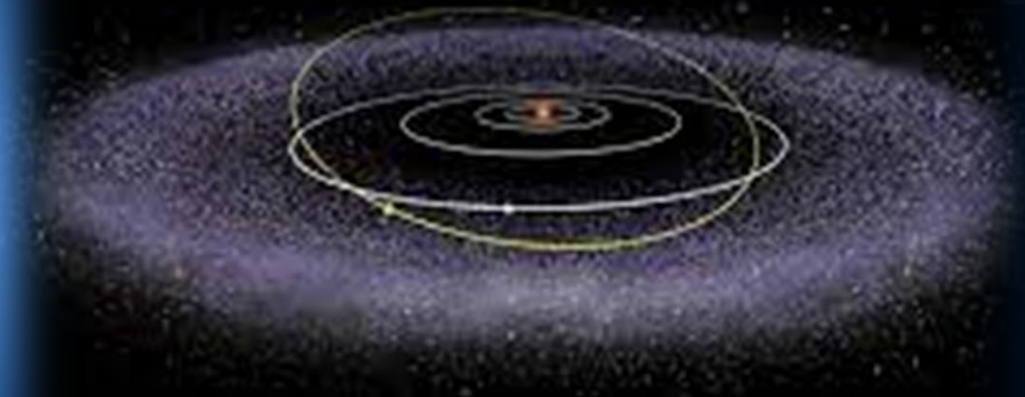
The Late Heavy Bombardment Period: A violent assault on young Earth but a blessing in disguise

Water arrives: Comets and asteroids bombard the Earth with ice.



“He sends down water from the sky by which He brings to life the earth after its lifelessness. Indeed, in that are signs for people who use reason.” (Quran, The Romans, 30:24).

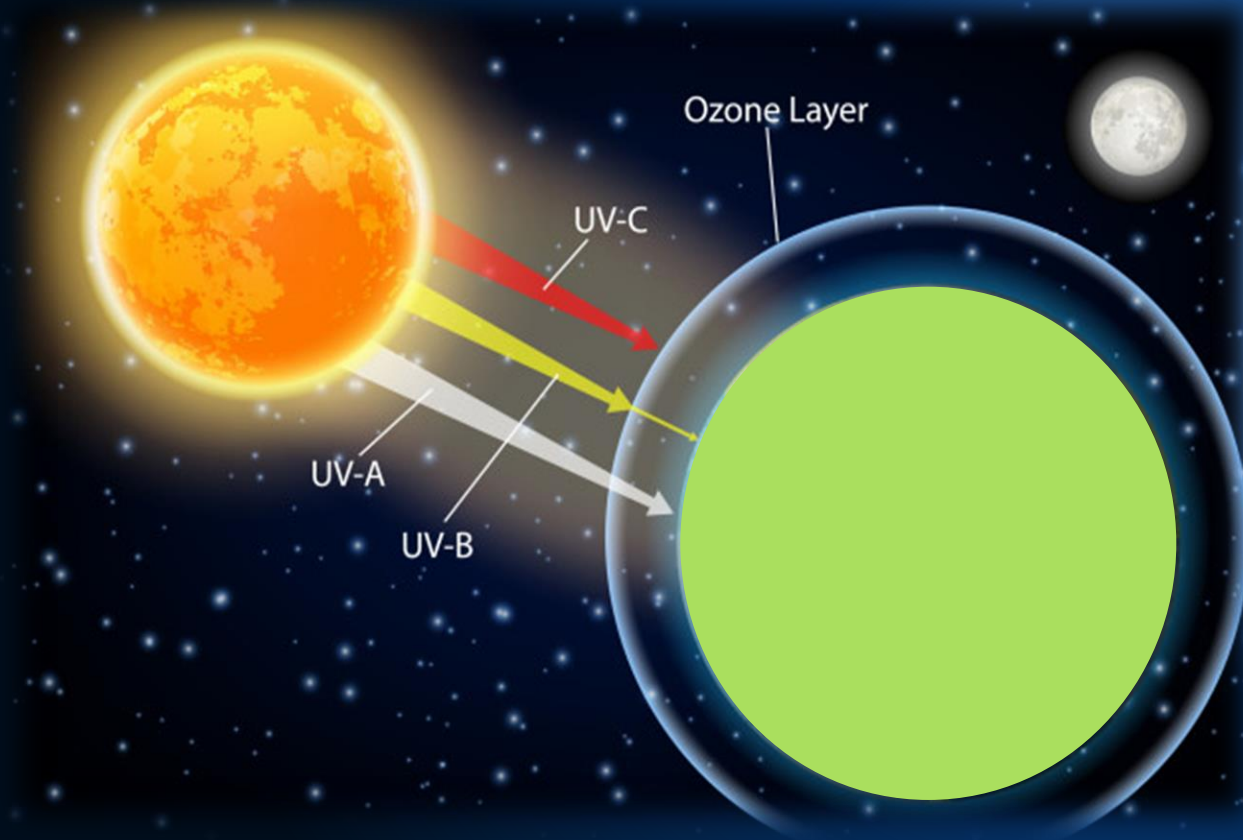
The Kuiper Belt



“He arranges matter from the heaven to the earth; then it will ascend to Him in a Day, the extent of which is a thousand years of those which you count.” (Quran, The Prostration, 32:5).

FIFTH LUCKY BREAK: OXYGEN

Three and half million years ago: Living organisms create oxygen and the protective Ozone layer



“It is He who made for you from the green tree, fire, and then from it you ignite.” (Quran, Yasin, 36:80)

SIXTH LUCKY BREAK: NEW LIFE FROM WATER

Sixty-six million years ago: Dinosaurs disappear and are replaced by new life from water



“From water We have created all living things. Will they then have no faith?”
(Quran, The Prophets, 21:30).

“Allah has created every creature from water. And of them are those that move on their bellies, and of them are those that walk on two legs, and of them are those that walk on four. Allah creates what He wills. Indeed, Allah is over all things competent,” (Quran, Light, 24:45)

HOW MANY LUCK BREAKS?

Each lucky break has many additional associated “lucky breaks.”

Is life on Earth the result of 100s of “lucky” breaks?



The joint probability of 100s events, each with the probability of 1/million
= almost zero

WHO CREATED ALLAH, DOES ALLAH KNOW THE FUTURE

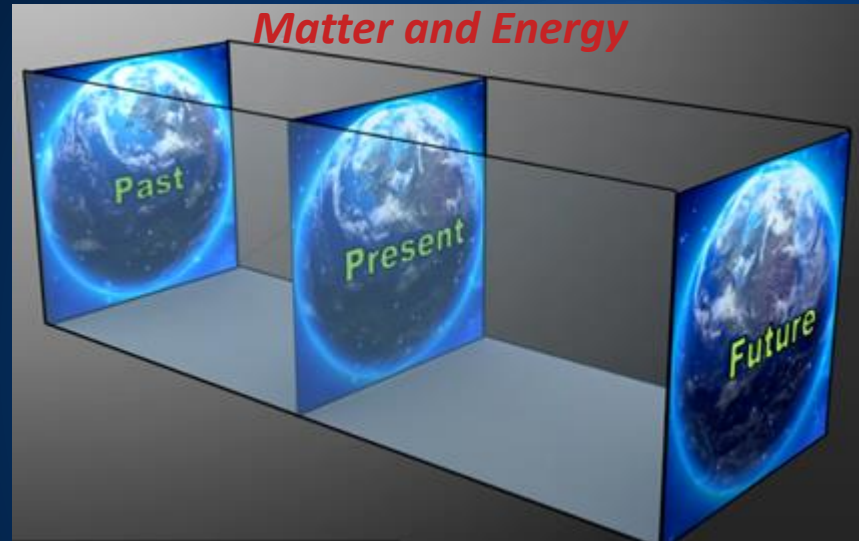
Science knows the universe is not three-dimensional but is four-dimensional

The universe expanded faster than the speed of light

Time is relative

“(Paradise) the breadth of which is as the breadth of the heaven and the earth, prepared for the ones who believed in Allah and His Messengers,” (Quran, Iron, 57:21).

Space and time were created instantaneously



Everyone's time clock depends where in space they are

“A day in the sight of your Lord is equal to thousand years how you count.” (Quran, The Pilgrimage, 22:47).

Time and gravity are related



Eternal Life

“(Paradise) The angels and the Spirit will ascend to Him during a Day the extent of which is fifty thousand years.” (Quran, Maarij, 70:4).

WHERE IS PARADISE AND HELL

- ▶ Where is paradise and how big is it?
- ▶ Eternal life consistent with the laws of the Physics of the four-dimensional universe.

“(Paradise) the breadth of which is as the breadth of the heaven and the earth, prepared for the ones who believed in Allah and His Messengers,” (Quran, Iron, 57:21).

Time can freeze according to science.

- ▶ Where is hell and how bad and big is it?
 - ▶ How long will bad guys suffer?

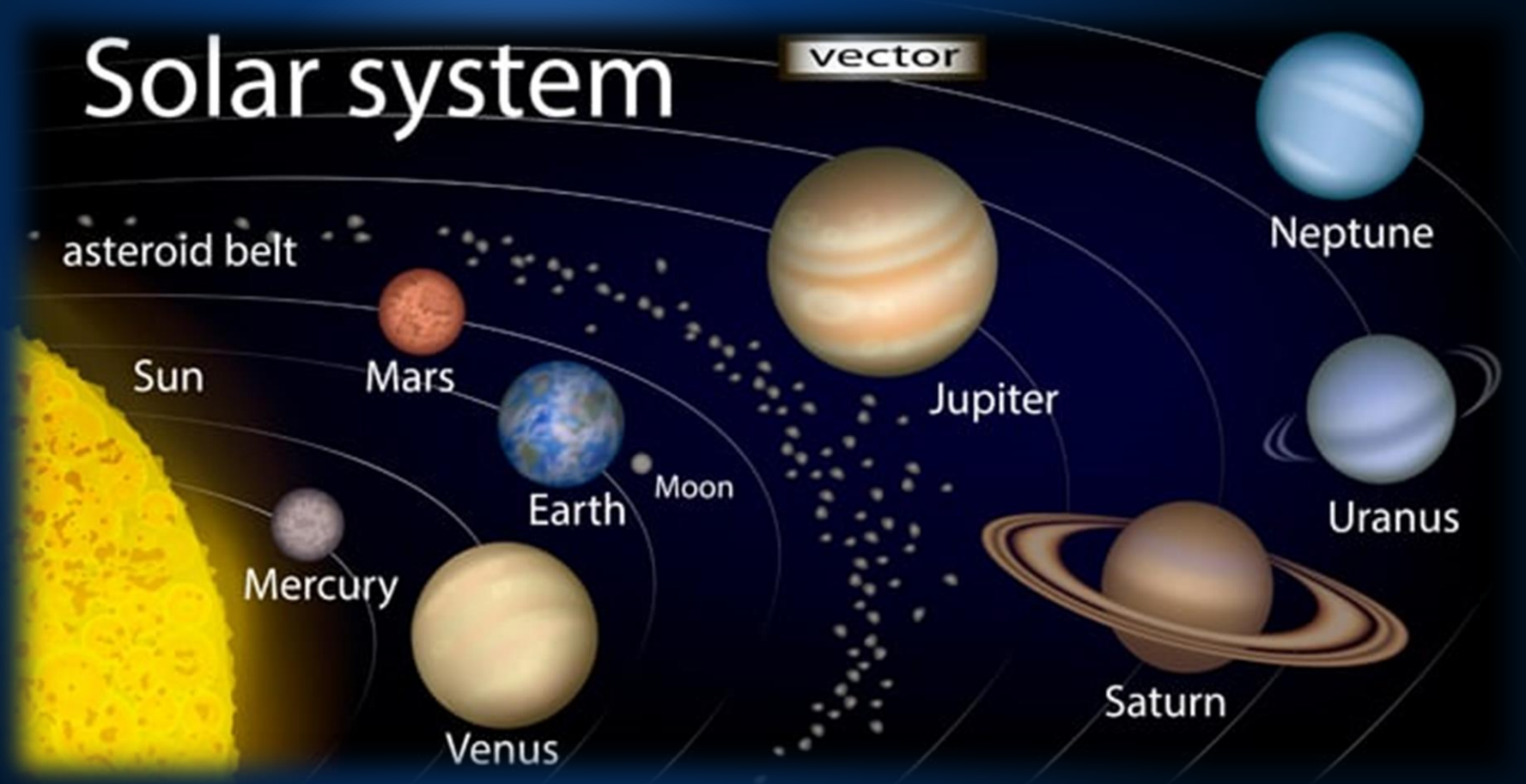
That depends on where in the hell they are.
 - ▶ Imagine the agony, not just of the fire but being a roommate to bad jins (Surah Tahrim) and burnt skin being replaced by new skin (Surah Al-Nissa)

Allah is Most Merciful if you repent

THE QURAN'S CHALLENGE

“O company of jinn and mankind, if you are able to pass beyond the regions of the heavens and the earth, then pass. You will not pass except by authority [from Allah].”
(Quran, The Most Merciful, 55:33).

The biggest challenge is the unknown space even if we can make a ship

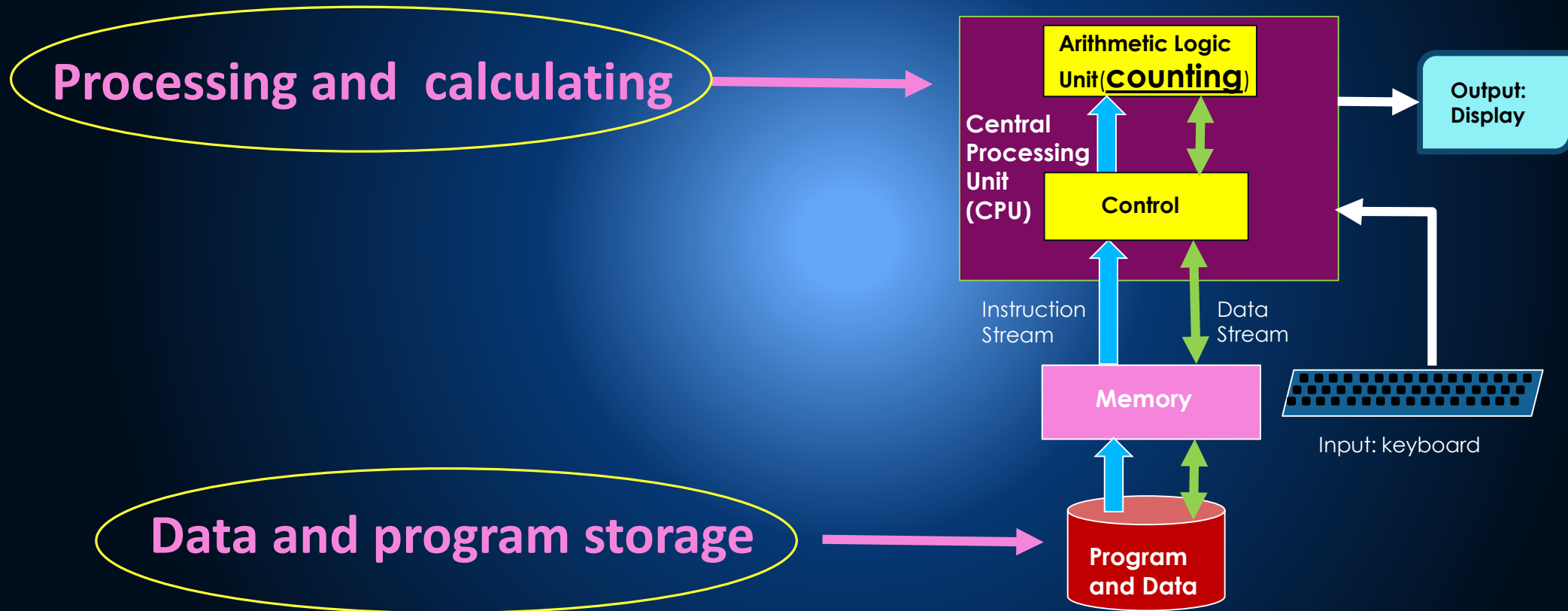


THE QURAN AND COMPUTING

“The sun and the moon orbit with precisely computed movements.” (Quran, The Most Merciful, 55:5).

COMPUTERS AND PROGRAMMING

The Basic Computer



ALLAH CALCULATES, COUNTS, COMPUTES AND STORES

- ▶ *“Behold, His is the judgement. He is the swiftest of accountants.”* (Quran, The Cattle, 6:62)
- ▶ *“And sufficient is Allah as Accountant.”* (Quran, The Confederates, 33:39)
- ▶ *“Indeed Allah is ever, over all things, an accountant.”* (Quran, Women, 4:86)
- ▶ *“Allah is swift in taking account.”* (Quran, Family of Imran, 3:19)
- ▶ *“Allah is swift in account.”* (Quran, Calf, 2:202)
- ▶ *“And sufficient is Allah as accountant.”* (Quran, The Confederates, 33:39)
- ▶ *“Indeed, it is a noble Quran. In a register well-protected.”* (Quran, The inevitable, 56:77-78)
- ▶ *“And there is no creature on earth but that upon Allah is its provision, and He knows its place of dwelling and place of storage. All is in a clear register.”* (Quran, Hud, 11:6)
- ▶ *“Do you not know that Allah knows what is in the heaven and earth? Indeed, that is in a record. Indeed that, for Allah , is easy.”* (Quran, Pilgrimage, 22:70)

REFERENCES TO STORAGE IN THE QURAN

- ▶ *And not absent from your Lord is any of an atom's weigh within the earth or within the heaven or [anything] smaller than that or greater but that it is in a clear register.”* (Quran, Jonah, 10:61).
- ▶ *We have not neglected in the Register a thing. Then unto their Lord they will be gathered.”* (Quran, Livestock, 6:38).
- ▶ *“There is nothing that is hidden - be it in the heaven or the earth - but is recorded in a Clear Book* (Quran, The Ant, 27:75).
- ▶ *Not absent from Him is an atom's weight within the heavens or within the earth or what is smaller than that or greater, except that it is in a clear register”* (Quran, Saba, 34:3).
- ▶ *“Indeed, it is We who bring the dead to life and record what they have put forth and what they left behind, and all things We have enumerated in a clear register.”* (Quran, Yasin, 36:12).
- ▶ *“Moses said, ‘The knowledge thereof is with my Lord in a record. My Lord neither errs nor forgets.’”* (Quran, Taha, 20:52).

PURPOSE OF LIFE AND INTELLIGENCE VERSUS ARTIFICIAL INTELLIGENCE

What's not understood is how clusters of neurons from the diverse regions of the brain collaborate to form consciousness (Scientific American)



“The soul is of the affair of my Lord. And mankind have not been given of knowledge except a little.” (Quran, The Cave, 17:85)

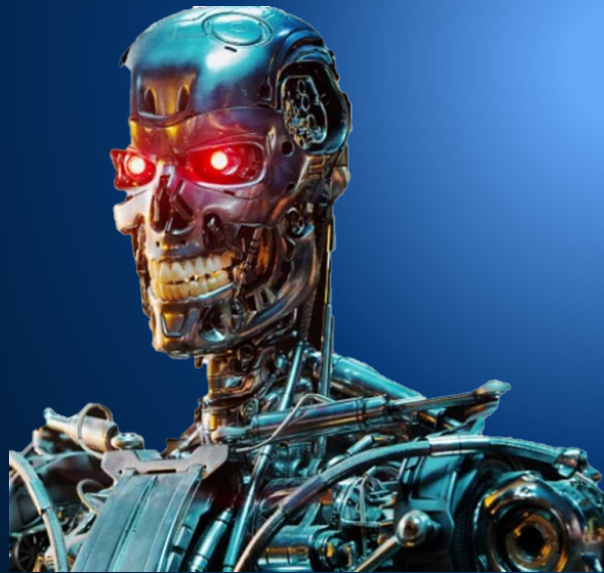
“It is He who created death and life to test you as to which of you is best in deed - and He is the Exalted in Might, the Forgiving.” (Quran, The Sovereignty, 67:2)

Broca's Brain: *The Brain is like a muscle. When we think well, we feel good.*

“Did you, then, think that We created you in mere idle play, and that you would not have to return to Us?” (Quran, The Believers, 23:115)

Carl Sagan: *The cultivation of the mind is a kind of food supplied for soul of mind* (Marcus Tullius Cicero, 45-44 BC)

Pass the test of life with conscientious decision-making.



COMPUTER AND HUMAN CODE

The Digital Computer

00010001110010100011100111110100

A random computer code



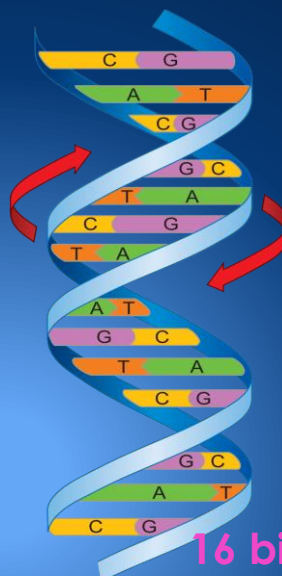
$10 * 10 * 10 = 1000$
combinations

000
001
010
011
100
101
110
111

$2 * 2 * 2 = 8$
combinations

32 positions can store 2^{32} different numbers

```
000000000000000000000000000000000000
000000000000000000000000000000000001
000000000000000000000000000000000010
000000000000000000000000000000000011
      ⋮
111111111111111111111111111111111100
111111111111111111111111111111111110
111111111111111111111111111111111111
```



Our DNA

GTACCGGAATCAGATTGAGGTTACTGGTCA

A DNA sub sequence

16 bit can store 2^{16} or 32 bit can store $2^{(2^{32})}$

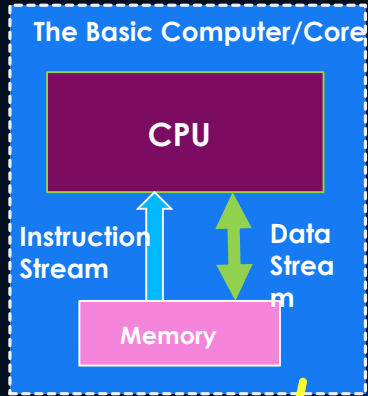
AA
AC
AT
AG
CA
...
...
GG

```
AAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAC
AAAAAAAAAAAAAAAAAT
AAAAAAAAAAAAAAAAAG
      ⋮
GGGGGGGGGGGGGGGGC
GGGGGGGGGGGGGGGT
GGGGGGGGGGGGGGGGG
```


A SUPERCOMPUTER

- ▶ **A computer with much faster computing speed compared to the average computer.**
- ▶ **A relative term applicable to a particular era.**
- ▶ **Using thousands and millions of processors to solve very complex problems in science and engineering.**
- ▶ **Moore's Law: the average computing speed doubles every 18 months.**
- ▶ **The speed of a supercomputer increases 1000-fold in about 10-12 years.**
- ▶ **Requires a tremendous amount of knowledge and expertise in computer science, hardware and software, and money (the number one supercomputer costs \$1.2 billion).**
- ▶ **There is a list of the top 500 supercomputers in the world, which is updated twice a year.**

COMPUTERS AND SUPERCOMPUTERS

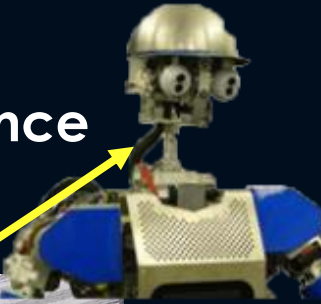


Computer Speed

FLOPS = Scientific Operations Per Second

Speed = 1,000,000,000,000,000 FLOPS

Artificial Intelligence

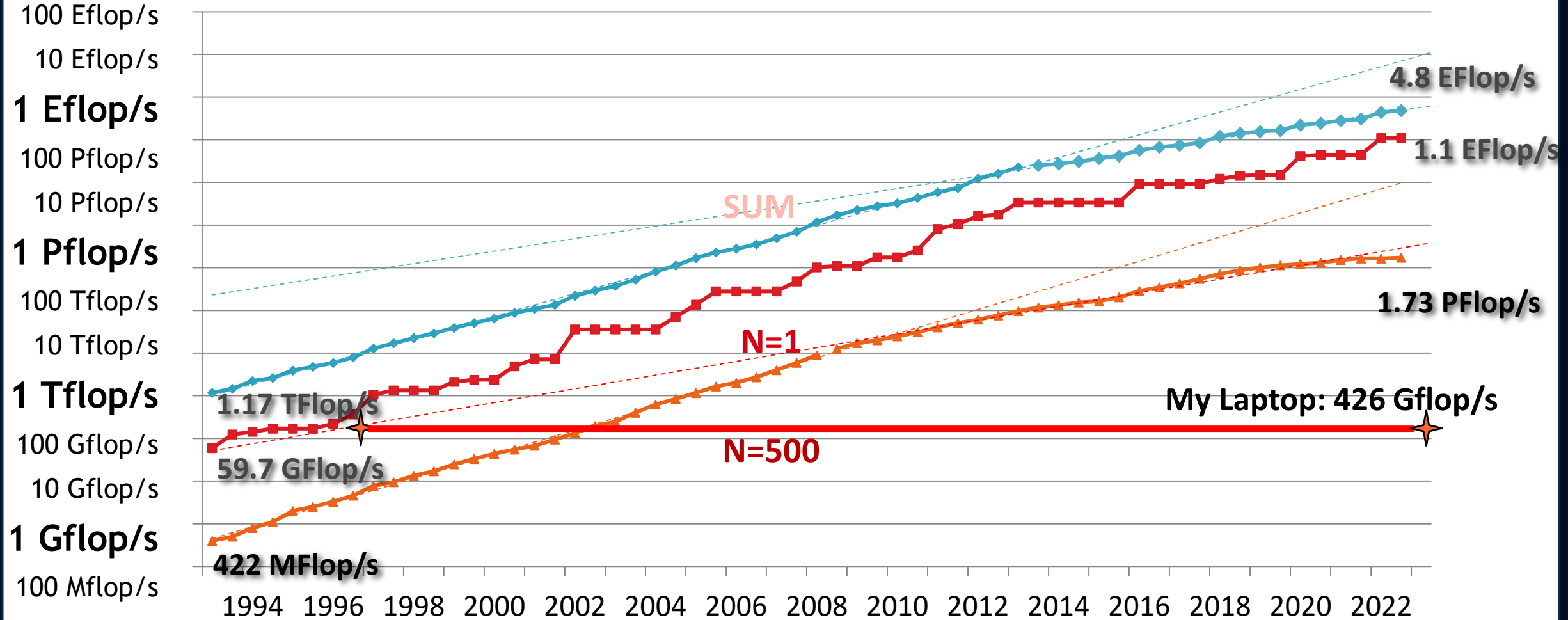


7 million CPUs inside

The number one Supercomputer in the world



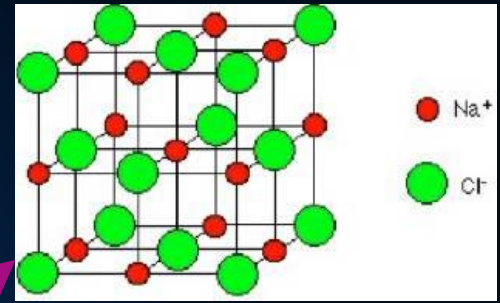
HOW SUPERCOMPUTER TECHNOLOGY EXPLODED AND BECOMES OBSOLETE IN 5 YEARS



The Universe: The estimated number of stars 300×10^{21}

SOME NUMBERS

A grain of Salt: The number of atoms 1.2×10^{18}



“And He knows that which is in the heavens and that which is on the earth. And Allah is over all things competent.”
(Quran, The Family of Imran, 3:29)

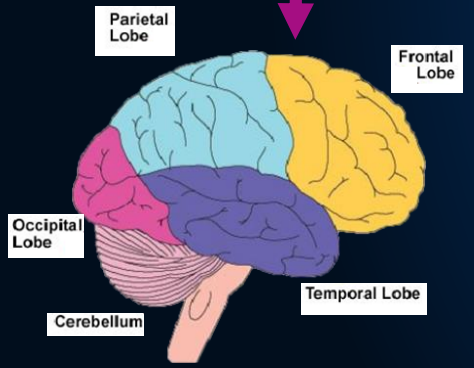
“None in the heavens and earth knows the unseen except Allah,”
(Quran, The Ant, 27:65)

“The creation of the heavens and earth is greater than the creation of humankind, and many people do not know.” (Quran, The Forgiver, 40:57)

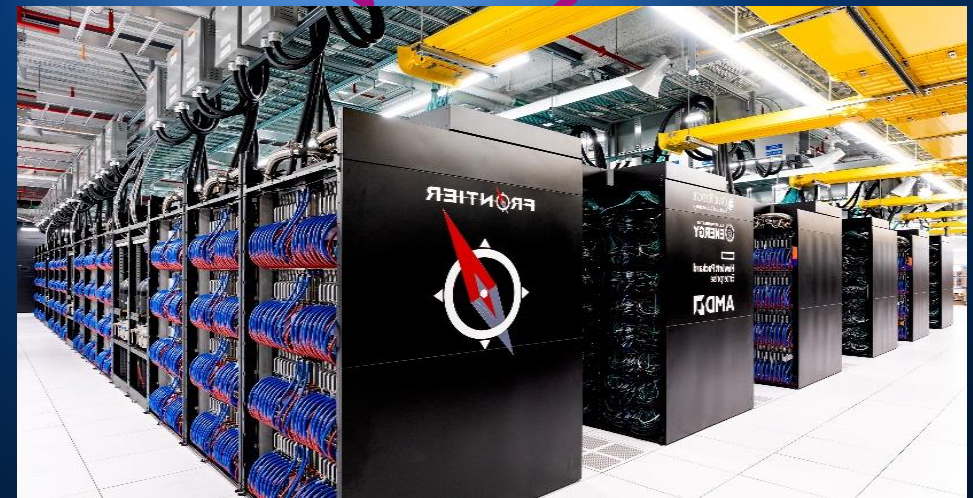
“And the heaven He raised, and He set up the balance,” (Quran, The Most Merciful, 55:7-9)

“And not absent from your Lord is any part of an atom's weight within the earth or within the heaven or anything smaller than that or greater but that it is in a clear register.” (Quran, Jonah, 10:61)

The current computing challenge: Solve the N-body problem: 100×10^9



Carl Sagan: The universe is as big as it requires our brain to be as big to understand it.



Speed = 1.1×10^{18} FLOPS

Human Brain: The number of neurons: 86×10^9

ALLAH'S EQUATION FOR MAN'S FATE

ALLAH'S MERCY AND FORGIVENESS

$$\left\{ \begin{array}{l} \text{+} \\ \{(\text{GOOD DEAD})_1 * \text{VALUE}_1 + (\text{GOOD DEAD})_2 * \text{VALUE}_2 + \dots + (\text{GOOD DEAD})_N * \text{VALUE}_N\} \\ \text{-} \\ \{(\text{BAD DEAD})_1 * \text{VALUE}_1 + (\text{BAD DEAD})_2 * \text{VALUE}_2 + \dots + (\text{BAD DEAD})_N * \text{VALUE}_N\} \end{array} \right\} =$$

Who Knows?

- Highest Level of Paradise
- Or Paradise
- Or Hell
- Or Temporary Hell
- Or Temporary Paradise

Precision: *“So whoever does an atom's weight of good will see it, And whoever does an atom's weight of evil will see it.” (Quran, The Earthquake, 99:7-8).*

The Data? All in the Storage

ALLAH'S EQUATION FOR MAN'S FATE

ALLAH'S MERCY AND FORGIVENESS

$$\left\{ \begin{array}{l} \text{+} \\ \{(\text{GOOD DEAD})_1 * \text{VALUE}_1 + (\text{GOOD DEAD})_2 * \text{VALUE}_2 + \dots + (\text{GOOD DEAD})_N * \text{VALUE}_N\} \\ \text{-} \\ \{(\text{BAD DEAD})_1 * \text{VALUE}_1 + (\text{BAD DEAD})_2 * \text{VALUE}_2 + \dots + (\text{BAD DEAD})_N * \text{VALUE}_N\} \end{array} \right\} = \begin{array}{l} \text{Highest Level of Paradise} \\ \text{Or Paradise} \\ \text{Or Hell} \\ \text{Or Temporary Hell} \\ \text{Or Temporary Paradise} \end{array}$$

“Say [O Prophet], ‘O mankind, the truth has come to you from your Lord, so whoever is guided is only guided for his soul, and whoever goes astray only goes astray against it. And I am not over you a manager.’” (Quran, Jonah, 10:108)

“And no bearer of burdens will bear the burden of another. And if a heavily laden soul calls another to carry some of its load, nothing of it will be carried, even if he should be a close relative.” (Quran, Originator, 35:18)

“On the Day the hypocrite men and hypocrite women will say to those who believed, ‘Wait for us that we may acquire some of your light.’ It will be said, ‘Go back behind you and seek light.’ And a wall will be placed between them with a door, its interior containing mercy, but on the outside of it is torment.” (Quran, Iron, 57:13)

WHAT IS AN ALGORITHM?

- A step-by-step procedure, like a recipe, for solving a problem on a computer.
- Some steps may repeat.
- Some previous steps may be reused in a later step.
- Designing algorithms is at the core of computer science.
- The algorithm for a computer problem is then coded in a programming language.
- The word “Algorithm” has Arab-Persian origins.

ALLAH'S ALGORITHM FOR THE HUMAN

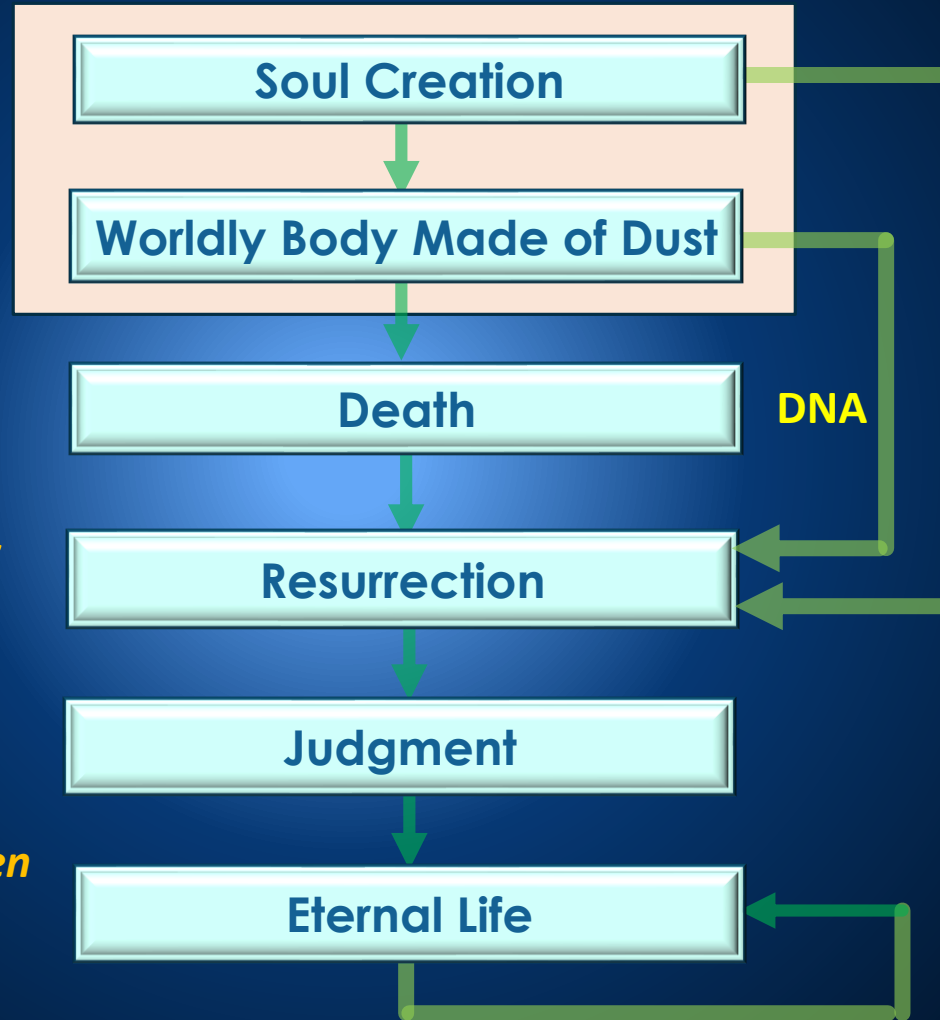
"While He has created you in stages," (Quran, Noah, 71:14)

"Indeed, We guided him to the way, be he grateful or be he ungrateful," (Quran, The Man, 76:3).

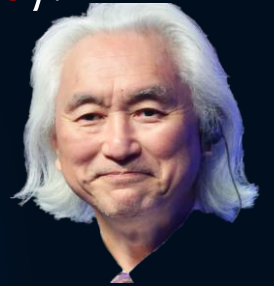
"And they say, 'There is not but our worldly life; we die and live, and nothing destroys us except time.' And they have of that no knowledge; they are only assuming." (Quran, The Kneeling Down 45: 24).

"Does man think that We will not assemble his bones? Yes. We are Able even to proportion his fingertips." (Quran, The Resurrection, 75:3-4)

"Then indeed you, on the Day of Resurrection, will be resurrected." (Quran, Believers, 23:16)



"Literally, our bodies are made of stardust." (Michio Kaku).



Carbon, Hydrogen, Nitrogen, Oxygen, Sulphur and Phosphorus.

"And We did certainly create man out of clay from an altered black mud." (Quran, The Rock Tract, 15:26).

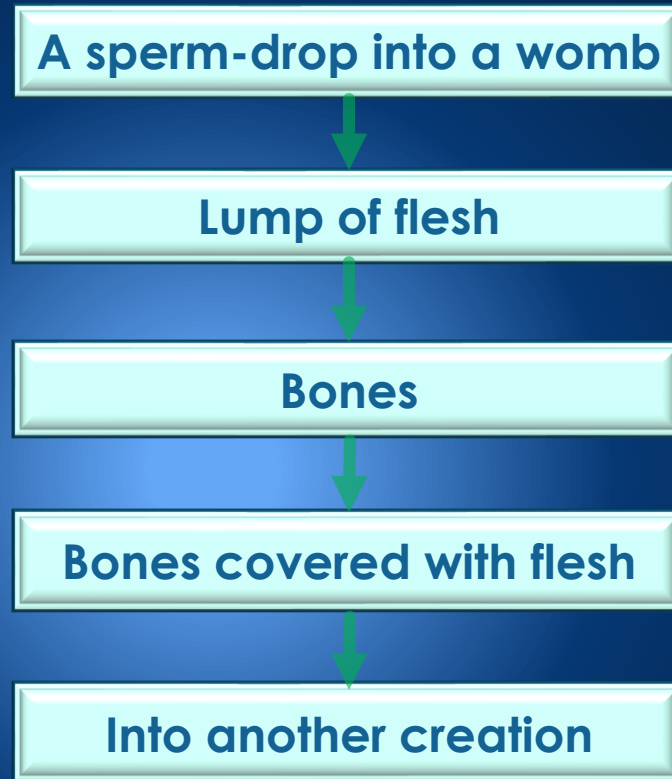
ALLAH'S SUB-ALGORITHM FOR HUMAN CREATION IN THE WORLDLY LIFE

“And He did create the two sexes, the male and the female from Nutfah when emitted or planned.” (Quran, The Star, 53:45–46).

“Allah knows what every female carries and what the wombs lose prematurely or exceed. And everything with Him is by due measure.” (Quran, The Thunder, 13:8).

“He makes you in the wombs of your mothers in stages, one after another, in three veils of darkness.” (Quran, The Troops, 39:6)

Amnion, Chorion, and Decidua.
1-The Anterior Abdominal Wall,
2-The Uterine Wall,
3-The Amniochorionic Membrane.



Algorithm
Coded
into a Computer
Program

Fingerprints

“Does man think that We will not assemble his bones? Yes. We are Able even to proportion his fingertips.” (Quran, The Resurrection, 75:3-4)

EVOLUTION AND CREATION COMBINED

“Allah has created every living creature from water. And of them are those that move on their bellies, and of them are those that walk on two legs, and of them are those that walk on four. Allah creates what He wills. Indeed, Allah is over all things competent.” (Quran, Light, 24:45)

“From water We have created all living things. Will they then have no faith?” (Quran, The Prophets, 21:30).

Life came from water

“Who has perfected everything He created. And He originated the creation of humankind from clay. Then He made his descendants from an extract of a humble fluid, then He fashioned them and had a spirit of His Own creation breathed into them. And He gave you hearing, sight, and intellect. Yet you hardly give any thanks.” (Quran, The Prostration, 32: 7-9)

“While He has created you in stages,” (Quran, Noah, 71:14)

Creation in stages

“See they not how Allah originates creation, then repeats it, truly that is easy for Allah.” (Quran, Believers, 23:19)

Repetition in stages stages

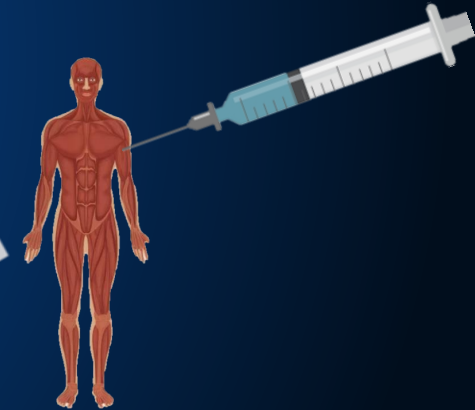
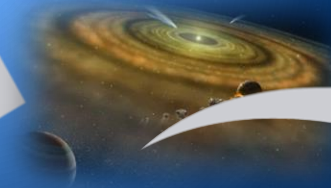
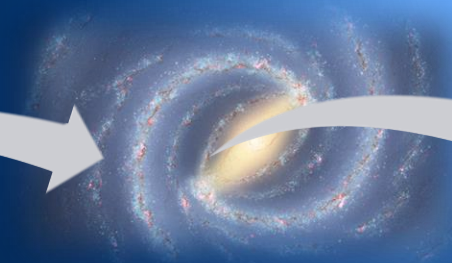
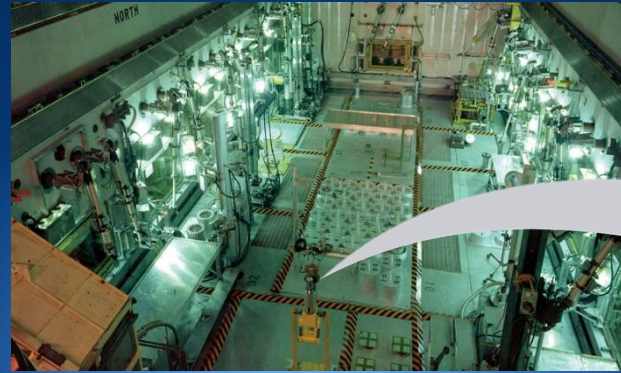
“It is He who made for you from the green tree, fire, and then from it you ignite.” (Quran, Yasin, 36:80)

Environment For Evolution

“Was there a period of time when man was not even worthy of a mention?” (Quran, Man, 76:1)

Various Time Ranges

WHAT IS MORE COMPLEX? THE EVOLVING OBJECT OR THE ENVIRONMENT?



“The creation of the heavens and earth is greater than the creation of humankind, and many people do not know.” (Quran, The Forgiver, 40:57)

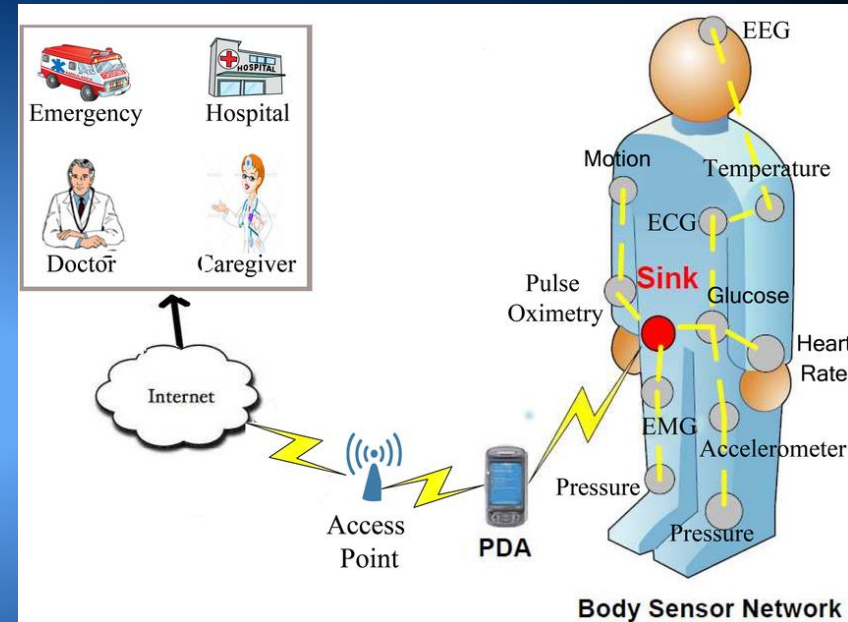
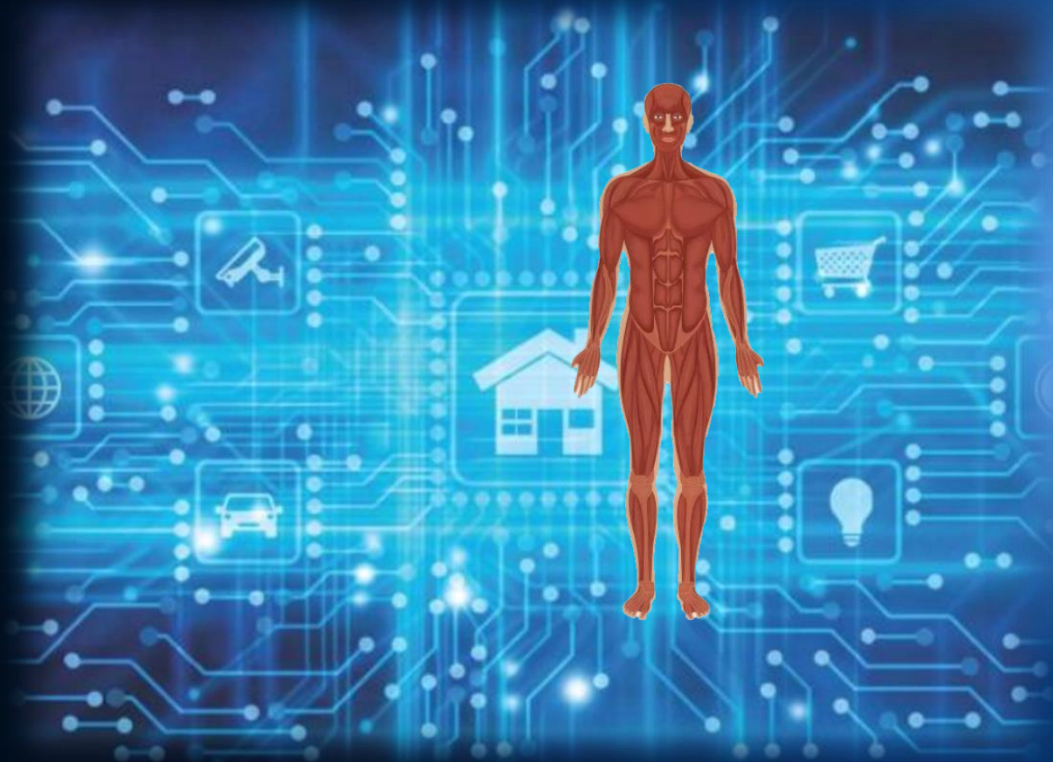
“Man is at a loss, Except those who believe and do good work, admonish each other with the truth and encourage each other to patience.” (Quran, Al-Asr, 103:2-3)

THE QURAN ON CREATING THE HUMAN

- ▶ *“And they ask you, [O Muhammad], about the soul. Say, ‘The soul is of the affair of my Lord. And mankind have not been given of knowledge except a little.’”* (Quran, The Night Journey, 17:85).
- ▶ *“And certainly did We create man from an extract of clay.”* (Quran, The Believers, 23:12).
- ▶ *“Then We placed him as a sperm-drop in a firm lodging (the womb),”* (Quran, The Believers, 23:13).
- ▶ *“Then We made the sperm-drop into a clinging clot, and We made the clot into a lump of flesh, and We made from the lump, bones, and We covered the bones with flesh; then We developed him into another creation. So blessed is Allah, the best of creators.”* (Quran, The Believers, 23:14).
- ▶ *“Then indeed, after that you are to die.”* (Quran, The Believers, 23:15).
- ▶ *“Then indeed you, on the Day of Resurrection, will be resurrected.”* (Quran, The Believers, 23:16).

THE INTERNET OF THINGS, SENSORS.

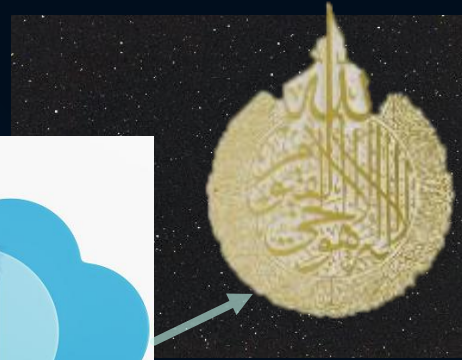
Versions of IoT: Internet of People (IoP), Internet of Sheep (IoS), Internet of Tomato (IoTo), Internet of Drones (IoD), and more.



“That Day, We will seal over their mouths, and their hands will speak to Us, and their feet will testify about what they used to earn.” (Quran, Yasin, 36:35)

ALLAH'S SURVEILLANCE

“When the two receivers seated on the right and on the left.” (Quran, Kaaf 50: 70)

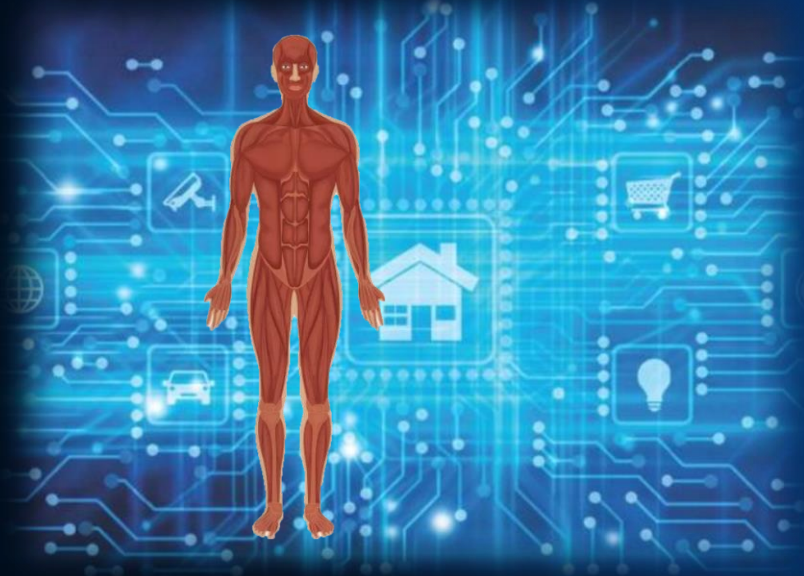


“And for every person We have imposed his fate upon his neck, and We will produce for him on the Day of Resurrection a record which he will encounter spread open.” (Quran, Night Journey, 17:13).



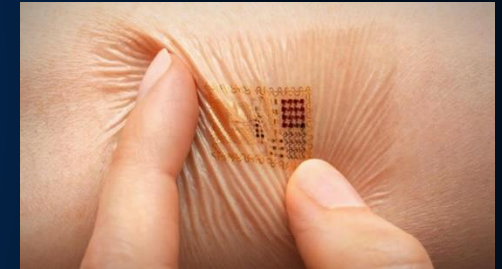
THE INTERNET OF SENSORS

► Verses talking about the Internet-of-Things (Cyber-physical Systems)



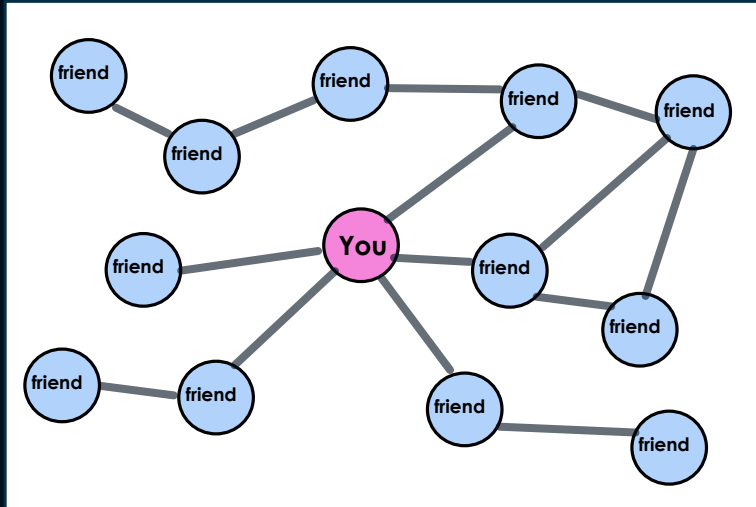
lenses with electronic functions such as video recording for life logging

“their hearing and their eyes and their skins will testify against them of what they used to do.”
(Quran Expounded, 41:19)

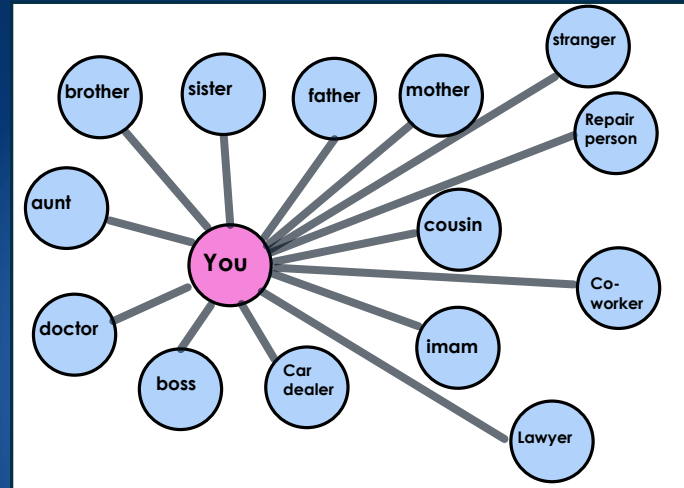


“And they will say to their skins, ‘Why have you testified against us?’ They will say, ‘We were made to speak by Allah, who has made everything speak.’” Quran Expounded, 41:20)

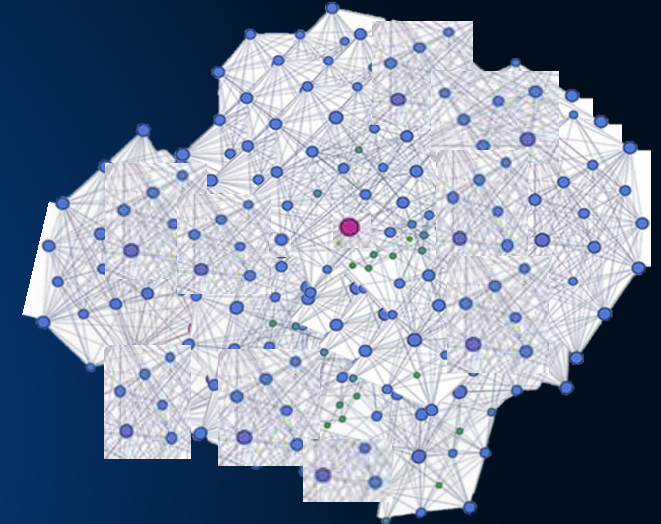
SOCIAL NETWORKS AND HUMAN NETWORKS



Simple interaction



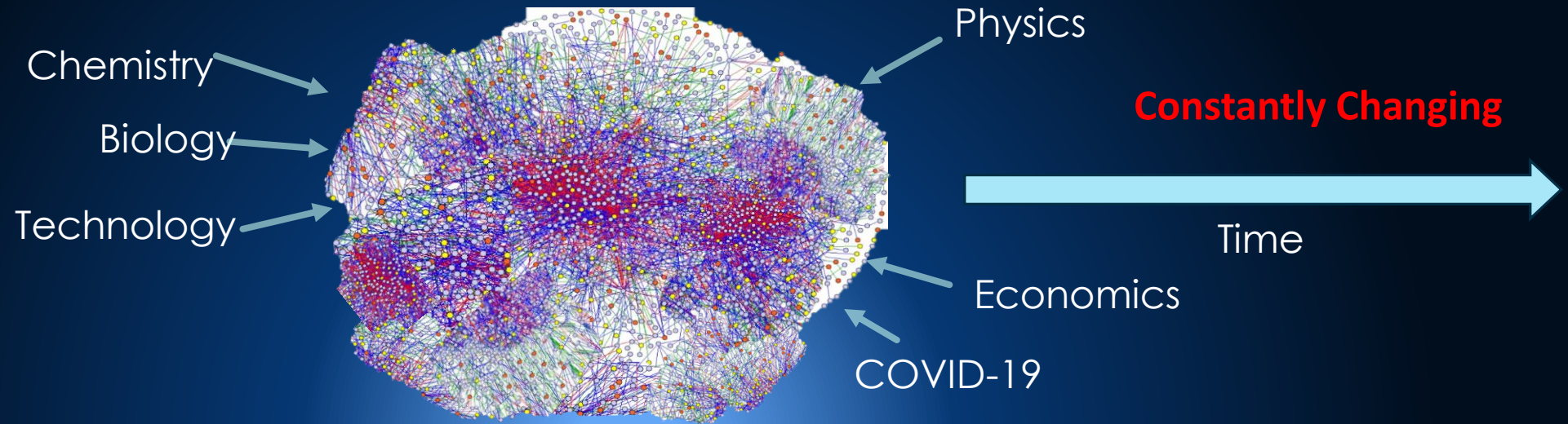
Complex interaction



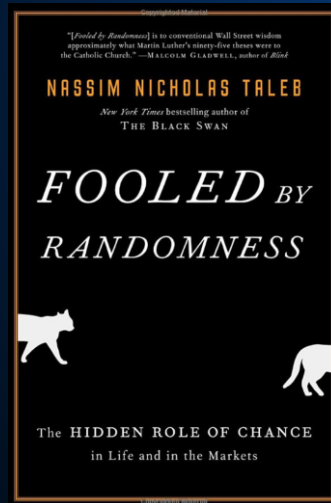
Highly complex interaction

Allah creates solutions for us through these relationships in His own ways.

THE NETWORKS OF LIFE



Incomprehensible interaction



“Say, ‘O Allah, Owner of Sovereignty, You give sovereignty to whom You will and You take sovereignty away from whom You will. You honor whom You will and You humble whom You will.’” (Quran, The Family of Imran, 3:26)

“If you are content with what Allah has given you, you will be the richest person.” Prophet Muhammad (PBUH)

SOARING AND FALLING OFF THE EDGE



Thinks Muslims
worship a stone!!!

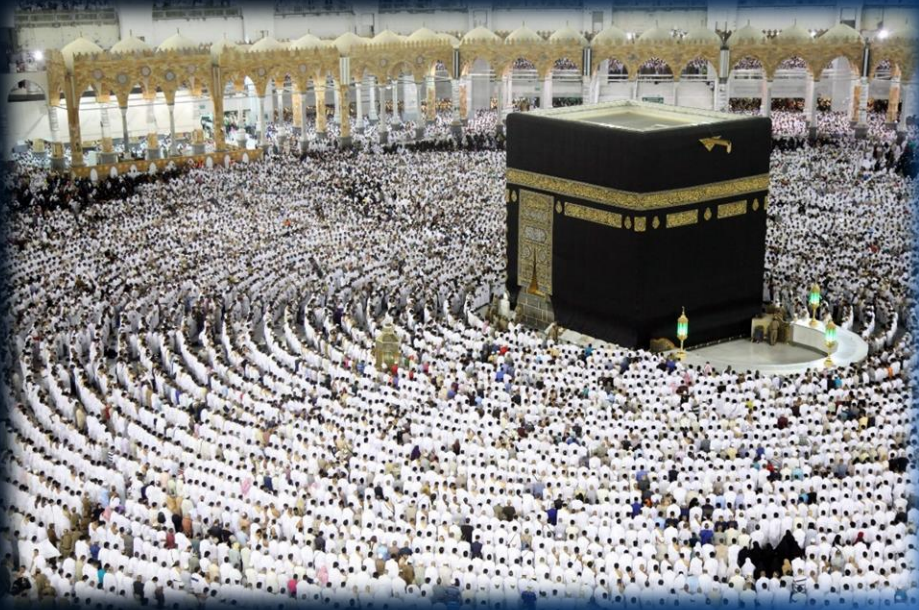
He himself is the
opposite of what he
preached



Ignorance:

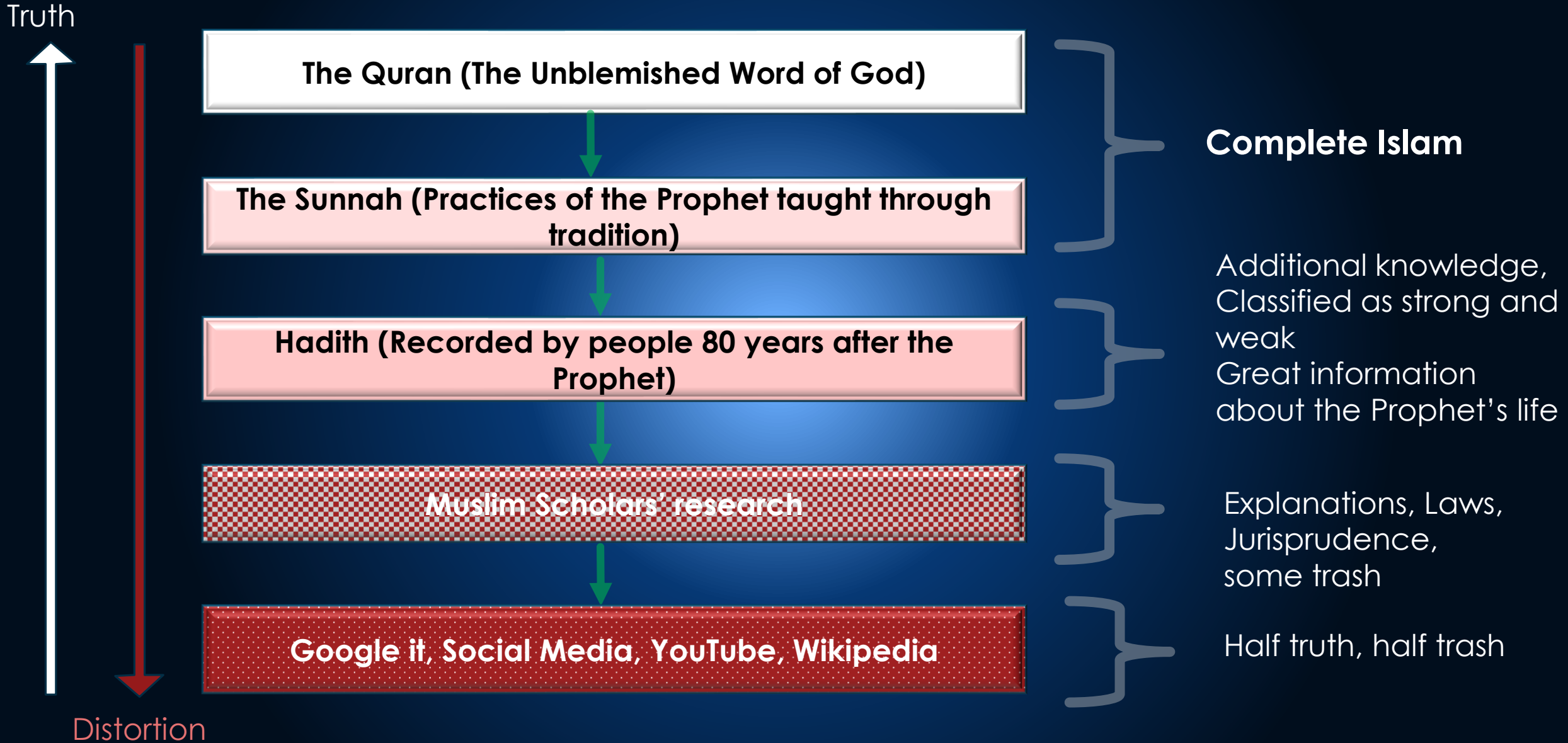
- Unable to listen to facts that change images made in the mind
- Bias in upbringing and environment
- Believing in conspiracy theories or listening to people with agendas
- Poor knowledge gained from the Internet
- Incorrect generalization

THE KAABA, THE FIRST HOUSE OF WORSHIP



“Blessed are they that dwell in thy house: they will be still praising thee. Selah. Blessed is the man whose strength is in thee; in whose heart are the ways of them. Who passing through the valley of Baca make it a well; the rain also filleth the pools.” (The Book of Psalms, 84:4-6)

FOR A MUSLIM: THE CORRECT PRIORITY OF KNOWLEDGE



BUT THIS IS WHAT HAS COME ABOUT

Truth



Distortion

Google it, Social Media, YouTube, Wikipedia

Muslim Scholars' research

Hadith (Recorded by people 80 years after the Prophet)

The Sunnah (Practices of the Prophet taught through tradition)

The Quran (The Unblemished Word of God)

Muslims doing the same what the Church did to the teachings of Jesus

Money-making "scholars" gaining political influence, hate, Motivating fundamentalism, gaining followers, promoting sectarianism. Mostly, a religious chewing gum.

People preferring to listening to lunatics on trivial matters.

Fighting "my sect is right"

Many Muslim priests using Hadith as the main part of their sermons, sensationalizing and justifying their own agenda, lacking knowledge about the Quran, pitching Hadith against the Quran.

Confused about what is Hadith and what is Sunnah.

Treating Quran as a magic book, "let someone else read it and explain to me."

Swear on it, kiss it, and raise it high Scholars discouraging to read and learn from it.

SOME INCORRECT USES OF THE QURAN

- ▶ **Treating it as a magic book.**
- ▶ **Swearing on the Quran.**
- ▶ **Relying on a mullah with a beard and cap to explain it.**
- ▶ **Using verses as recipes for wealth, health, and security.**
- ▶ **Confusing prayers with recipes.**
- ▶ **Assuming that one who memorizes the Quran can ensure the forgiveness of Allah for the whole family (sinner or otherwise!).**



IN THE INTERNET AGE: 15 PRINCIPLES

1

Do not go by the hype or conspiracy theory, and do not forward unconfirmed material

“O you who have believed, avoid much negative assumption. Indeed, some assumption is sin.” (Quran, The Walls, 49:12).

“O you who have believed, if there comes to you a disobedient one with information, investigate, lest you harm a people out of ignorance and become, over what you have done, regretful.” (Quran, The Walls, 49:6)

2

Watch your health and manage time

“Take advantage of five matters before five other matters: your youth before you become old; your health before you fall sick; your wealth before you become poor; your free time before you become preoccupied, and your life before your death.” Prophet Muhammad (PBUH).

“There are two blessings which many people waste: health and free time.” Prophet (PBUH)

THE PRINCIPLES

3

Don't waste money on meaningless shopping



“Surely, the spendthrifts are brothers of the devils, and the devil is ever ungrateful to its Lord.” (Quran, Night Journey, 17:27).

4

Don't be stingy



“Those who are stingy and command others with stinginess and who hide the bounties which Allah has given them. And We have prepared for the disbelievers a disgraceful punishment.” (Quran, Women, 4:37).

5

Practice and support democracy



“And those who have responded to their Lord and established prayer and whose affair is determined by consultation among themselves, and from what We have provided them, they spend.” (Quran, Consultation, 42:38).

THE PRINCIPLES

6

Observe people's rights

“Righteousness is not that you turn your faces toward the east or the west, but true righteousness is in one who believes in Allah, the Last Day, the angels, the Book, and the prophets and gives wealth, in spite of love for it, to relatives, orphans, the needy, the traveler, those who ask for help, and for freeing slaves; and who establishes prayer and gives Zakah; those who fulfill their promise when they promise,” (Quran, The Calf, 2:177)

7

Avoid crime, identity theft, hacking, viruses, and cheating

“That they took usury, though they were forbidden; and that they devoured men's substance wrongfully; we have prepared for those among them who reject faith a grievous punishment.” (Quran, Women, 4:161).

THE PRINCIPLES

8

Don't engage in cyberbullying

"O believers! Do not let some men ridicule others, they may be better than them, nor let some women ridicule other women, they may be better than them. (Quran, The Walls, 49:11).

9

Do not defame people

"Do not defame one another, nor call each other by offensive nicknames. How evil it is to act rebelliously after having faith! And whoever does not repent, it is they who are the true wrongdoers." (Quran, The Walls, 49:11).

10

Don't be boastful on social media

"Indeed, Allah does not like those who are self-deluding and boastful." (Quran, Women, 4:36).

When the disciples asked the Prophet to define arrogance, he said, *"A person is arrogant when he sees a reality yet denies it, and when he views other humans to be inferior to him."*

Prophet Muhammad (PBUH).

"And whosoever shall exalt himself shall be abased; and he that shall humble himself shall be exalted." (Matthew, 23:12).

THE PRINCIPLES

11

Don't be arrogant

"God does not love arrogant and boastful people." (Quran, Luqman, 31:18)

12

Worship Allah only

"So you fall down in prostration to Allah and worship Him alone." (Quran, The Star, 53:62).

13

Do not preach what you do not do

"Do you admonish others to do good and forget this yourselves? Yet you read the Book. Will you not then understand?" (Quran, The Calf, 2:44).

THE PRINCIPLES

14

Do not follow politicians who misguide people

"That they may bear their own burdens in full on the Day of Resurrection and some of the burdens of those whom they misguide without knowledge. Unquestionably, evil is that which they bear." (Quran, The Bee, 16:25)

15

Stay away from racism, boasting of caste or family ancestry

"O mankind! We created you from a single pair of a male and a female, and made you into nations and tribes that you may know each other not that you may despise each other. Verily the most honored of you in the sight of Allah is he who is the most righteous of you. And Allah has full knowledge and is well Acquainted." (Quran, The Walls, 49:13)

“THE PERFECT HUMAN”

- 665 pages
- Comprehensive details
- Well-researched history
- Chronological narrative
- Enlightening writing style
- With more than 500 relevant verses of the Quran
- More than 100 relevant verses of the Bible and other Holy Scriptures
- Described and explained 100 human attributes of Prophet Muhammad for an unprecedented analysis of his personality
- A structured and informative bibliography

ENDORSEMENTS

Part biography of the Prophet of Islam and part guide to living the way the Prophet lived, Dr. Ishfaq Ahmad has written a timely addition to the literature on the Prophet. By returning to the original sources in the Qur'an and Hadith, Dr. Ahmad clearly demonstrates how the Prophet's example is one that is compatible with living a full and prosperous life today. This book is ideal for anyone who desires to live in accordance with the standard set by the Prophet or who wishes to know more about the last Prophet, especially those new to Islam or are members of other faith communities. **(Zeki Saritoprak, Ph.D., Professor and Bediüzzaman Said Nursi Chair in Islamic Studies in the Department of Theology and Religious Studies, John Carroll University, U.S.A.)**

Anyone interested in Prophet Muhammad's character and conduct will benefit from reading Ishfaq Ahmad's insightful, thought-provoking, and unique analysis of one of history's most important historical figures. Drawing upon events in Muhammad's life that have been mainly overlooked by other biographers, Ahmad makes a compelling case for recognizing the importance of Muhammad's teachings for world civilization today. This book helps all people to gain more insight into the Prophet's love for humanity. **(Craig Considine, Ph.D., author of *The Humanity of Muhammad - A Christian View*, and Professor at Rice University, U.S.A.)**

ENDORSEMENTS

The author presents historical sources about Prophet Muhammad (PBUH)'s life so that everyone can read it easily, like a novel. While the book appeals to the mind, it does not neglect to address the heart and soul. It structures the life and attributes of the Prophet Muhammad in a way that would interest the reader. The author infuses his messages very well between the lines. He takes the reader on a spiritual journey that leads to satisfaction. The reader is not just reading a book but also making a spiritual journey with the Prophet. The book is written in a way it can be read with the family. **(Salih Yucel, Ph.D., Centre for Islamic Studies and Civilization, Charles Sturt University, Australia.)**

Prophet Muhammad and the Prophet Jesus are the two most revered personalities in human history, and their influence is tremendous. While many authors continue to write about these two greats, once in a while comes a book that stirs up the entire realm of such literature. I believe “The Perfect Human” is a living example of that. **(Abdul Hye, Ph.D., author of 20 Islamic books and retired NASA scientist, Houston, USA.)**

الَّذِينَ يَذْكُرُونَ اللَّهَ قِيَلًا وَقُعُودًا وَعَلَىٰ جُنُوبِهِمْ وَيَتَفَكَّرُونَ فِي خَلْقِ السَّمٰوٰتِ وَالْاَرْضِ
رَبَّنَا مَا خَلَقْتَ هٰذَا بَطِيْلًا سُبْحٰنَكَ فَقِنَا عَذَابَ النَّارِ ۙ ۱۹۱