

POEM OF THE WEEK

THE DANCE OF THE HEAVENLY BODIES (OR: DID WE CREATE TIME?)

Part 1

The Dance of the Heavenly Bodies

Everything is in motion,
from the smallest
to the largest.
All are related.

This is our world.

This is the ideal place to talk
about our cosmic dancers
The Earth, The Moon and the Sun;
ranging in size from the small (the moon)
to the large and intensely hot (The Sun).

Two are planets. the other
is a G-type main-sequence star,
(informally called a yellow dwarf)
at the centre of our solar system.

Sol is the sun's scientific name
The Scientific Study of the Sun is heliology.
What do these three objects have in common?
They move, they spin (on their axis)

The Sun orbits the Galactic Center
at 24,000 to 28,000 light-years.
Its diameter is about 1,391,400 km (864,600 miles)
109 times that of Earth.

Its mass is about 330,000 times that of Earth,
It makes up about 99.86% of the Solar System's total mass.
The Sun spins. The Sun rotates counterclockwise around its axis of spin
The sun produces light, and heat, always in motion; orbiting, and spinning on its axis

The dancers have been introduced
Now, let's study how they interact
Any thoughts on the question yet?
The quest continues

The second part of the poem

Welcome to the dance

So it could be described as the centre
To which the two other dancers gravitate
The Earth and the moon, are both in their orbits,
both are spinning on their axis.

Three objects, three dancers
always showing a different face
Each showing their best face
Each hiding their dark side

Welcome to the dance
of the heavenly bodies.
From this relationship
From the interaction of the bodies

The Earth rotates on its axis
In so doing, it has one part
Facing the sun, the other not
So we named them day and night

The Moon takes between 27.3 to 29.5 days to orbit Earth
The Moon is always a sphere but
we see different shapes of it in the sky
We named this, one month

Notice a pattern?
Observe first
Record for analysis
NAME!

Any direct involvement
Or influence?
No, didn't see any
No! There's NONE

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