

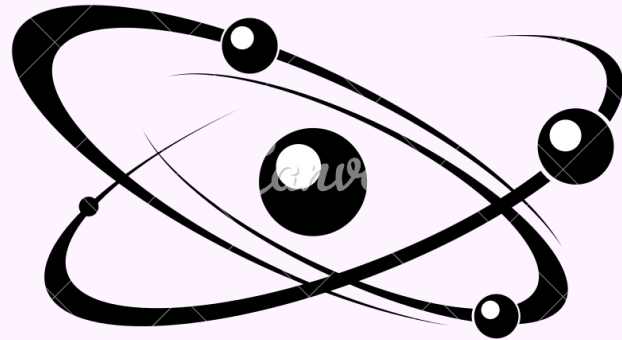


Xavier's Daily

➔ Challenge yourself!

*I have a head and a tail that will never meet.
Having too many of me is always a treat.
What am I?*

Answer - A Coin



➔ Spectrum's Corner

Thought of the Day

*Sometimes when you're in a dark place
you think you've been buried but you've
actually been planted.*

Word of the Day

*Eclectic : deriving the best ideas and
styles from a diverse range of sources*

*Example: My university is offering an
eclectic mix of courses.*

DARK MATTER AND DARK ENERGY

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[Science Club]

Our universe is dominated by a mysterious and invisible form of matter and energy that have yet to be fully understood. Scientists haven't yet observed it directly as it's completely invisible to light and other forms of electromagnetic radiation but are confident it exists because of the gravitational effects have on galaxies. They believed that roughly 68% of the Universe is dark energy, about 27% dark matter and the rest about 5% are normal matter.

Dark matter is like an attractive force/kind of cosmic cement that holds our universe together because it interacts with gravity but doesn't reflect, absorb, or emit light. Its made-up particle is called "Baryons". It could also explain certain optical illusions that astronomers see in the deep universe.

Dark energy is like a repulsive force/ sort of anti-gravity that drives the Universe's ever-accelerating expansion. Some scientists believe that it's a kind of dynamic energy fluid/field that fills all space but whose effect on the expansion of the universe is the opposite of normal energy.

DID YOU KNOW?

Black holes absorb dark matter, and over the billions of years since galaxies were first formed, this absorption of dark matter in black holes has very likely altered the population of galaxies from what we can observe today.