

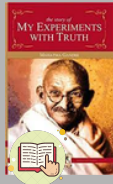


Happiness is when what you think, what you say,
and what you do are in harmony.

Mahatma Gandhi.

Knowledge Daily

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Say No to Violence

The International Day of Non-Violence is observed on 2 October, the birthday of Mahatma Gandhi, leader of the Indian independence movement and pioneer of the philosophy and strategy of non-violence.

According to General Assembly resolution A/RES/61/271 of 15 June 2007, which established the commemoration, the International Day is an occasion to "disseminate the message of non-violence, including through education and public

International Day of Non-Violence -2 October

awareness". The resolution reaffirms "the universal relevance of the principle of non-violence" and the desire "to secure a culture of peace, tolerance, understanding and non-violence".



The "Non-Violence" (or "Knotted Gun") sculpture by Swedish artist Carl Fredrik Reuterswärd on display at the UN Visitors' Plaza

The name of Mahatma Gandhi transcends the bounds of race, religion and nation-states, and has emerged as the prophetic voice of the twenty-first century. The world remembers Gandhi not just for his passionate adherence to the practice of non-violence and supreme humanism, but as the benchmark against which we test men and women in public life, political ideas and government policies, and the hopes and wishes of our shared planet.

Relevance of Mahatma Gandhi in the Contemporary World



Einstein ring' reveals views of a galaxy 9.4 billion light-years away

An amazing Einstein ring seen in space is helping us to see what's happening far back in the past of our universe.

What is an Einstein ring?

An Einstein ring, also known as an Einstein–Chwolson ring or Chwolson ring (named for Orest Khvolson), is created when light from a galaxy or star passes by a massive object en route to Earth. The light is diverted, making it seem to come from different places. Sometimes, the light appears as a ring.

This effect was predicted by Albert Einstein. The smears of light called a Molten Ring are helping us see the light that has travelled 9.4 billion light-years. The Molten Ring (formally named GAL-CLUS-022058s) is just such an Einstein ring. Our universe came into being roughly 13.8 billion years ago. Moreover, scientists believe the first light emerged around 1 billion years later.

So, light travelling for that amount of time is very hard to see.

Einstein ring

This light has given us a rare insight into the time when the universe was still in its early stages. At this time, stars were forming at a very fast rate.

Learning more about this star-forming period in the universe's history can help us understand how today's galaxies evolved.

DID YOU KNOW ?

- Working with ancient human DNA can be difficult. This is because the DNA is often highly degraded, and it's usually mixed with bacterial DNA.
- The bending of light by a gravitational body was predicted by Albert Einstein in 1912, a few years before the publication of general relativity in 1916.

8-year-old Brazilian girl is officially world's youngest astronomer

The world's youngest astronomer Nicole Oliveira is an 8-year-old girl living in Brazil, South America. Even though she is just eight years old, she has officially become the world's youngest astronomer. Astronomers study space objects.

She is part of a NASA-affiliated programme looking for asteroids. The project is called Asteroid Hunters and it is run by an organisation called the International Astronomical Search

Collaboration. The project aims to introduce young people to science by giving them a chance to make space discoveries of their own.

The world's youngest astronomer has already found 18 asteroids as part of the project. Currently, she is also attending international seminars and meeting with Brazil's top space and science figures.

Once her findings are confirmed, Oliveira will become the youngest person in the world to officially discover an asteroid.

The current record belongs to an 18-year-old Italian boy named Luigi Sannino. She says she will name them after Brazilian scientists and members of her family.

Oliveira's astronomy teacher says she is very good at spotting asteroids in images. Moreover, she likes to share her knowledge with other children.

The world's youngest astronomer

Oliveira even has her own Youtube channel. She has interviewed important people like the Brazilian astronomer Duilia de Mello in the channel. In the future, she says wants to become an aerospace engineer.



WORD OF THE DAY

Today's Word of the Day is "dilettante" and its noun meaning A person who cultivates an area of interest, such as the arts, without real commitment or knowledge.

Pronunciation :dilettanti
/dɪlɪ'tanti/

Usage: 'a wealthy literary dilettante'

Origin

Mid 18th century from Italian, 'person loving the arts', from dilettare 'to delight', from Latin delectare.

Synonyms :

dabbler, potterer, tinkerer, trifler, dallier
amateur, non-professional, non-specialist, layman, layperson.

Antonym:professional

Hindi Meaning

DILETTANTE MEANING IN HINDI

अनुरागी ,कलाप्रेमी, प्रेमी, शौकीन,अमेचर

किसी विषय पर ध्यान केंद्रित न करके उसके साथ खिलवाड़ करनेवाला मनुष्य

English Usage : he wanted approval for his work, for the work sake; he was not an amateur or a dilettante.

हिन्दी उदाहरण : वह काम के निमित्त अपने काम के लिए अनुमोदन चाहता था; वह एक शौकिया या किसी विषय पर ध्यान केंद्रित न करके उसके साथ खिवाड़ करनेवाला मनुष्य नहीं था।

ENGLISH CLUB

Phrasal Verb-hold out on

Meaning: to refuse to give information to someone

Usage: The prisoner tried to hold out on his captors, but after being tortured he told them everything..

Today's Idiom

at sea | all at sea

Meaning: If you're at sea, or all at sea, you're confused about something and not sure what to do.

Usage: I'm all at sea with our new spreadsheet software. I just can't understand it.

Saying of the Day

There is a time to speak and a time to be silent

Possible interpretation:

We should know when to say something and when to say nothing.

Origin: Like many "There is a time..." proverbs, this proverb is based on the Bible (Ecclesiastes 3):

To every thing there is a season, and a time to every purpose under the heaven: