

# *Knowledge Daily*

4-10-21

“The truth belongs to those who seek it, not to those who claim to own it.”

— Nicolas de Caritat marquis de Condorcet



A famous thinker of the Enlightenment period and a significant figure during the French Revolution.

## World Animal Welfare Day – 4 October



We celebrate World Animal Welfare Day every year on 4 October. It is also known as 'Animal Lovers Day'.

We mark this day to create public awareness about the welfare of animals all over the world.

This day was first celebrated on 4 October 1931 by cynologist (people who study and train dogs) Heinrich Zimmermann.

World Animal Day focuses on discussions around the protection of natural habitats, supporting

animal welfare and saving endangered species. This day is celebrated in many different ways in every country.

Various countries, like India, Sri Lanka, Nepal, Taiwan are organising different kinds of programmes to celebrate this day. You can also be a part of this day by participating in awareness programs.

You can even organise your own programme. Organisations like the Federation of Indian Animal Protection Organisations (FIAPO) and People for Ethical Treatment of Animals (PETA) work for animals rights.

World Animal Day 2021 Theme

- The theme for World Animal Day 2021 is "Forests and Livelihoods: Sustaining People and Planet".
- The year 2020 theme was "Man and Dog".

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## Photo from space shows Perseverance rover on Mars

The red planet, Mars has always been a subject of curiosity to astronomers. Many orbiters have made their way up to Mars and every time, we have discovered a piece of new information.

NASA's Mars Reconnaissance Orbiter has sent a new image from Mars and it shows Perseverance rover as a tiny speck on the planet. You can see the rover as a speck in the South Séítah region of the Jezero Crater. See the photo below and see if you can spot it.

What is the Mars Reconnaissance Orbiter(MRO)?

The Mars Reconnaissance Orbiter is a spacecraft which is designed to study the geology and climate of Mars.

NASA also used MRO to direct NASA's rovers, Curiosity and Perseverance on Mars. NASA has declared the Perseverance rover mission as an astrobiology mission. An astrobiology mission is a scientific study that studies the

origin, evolution and future of life in the universe.



## DID YOU KNOW ?

- Astrobiology was previously known as Exobiology and it detects whether extraterrestrial life exists or not. It is also focussed on how can humans detect those lives in the universe.
- Durban was originally called Rio de Natal by Vasco de Gama when he visited it in 1497.

## Science says being outdoors can improve your health

Being outdoors can improve your health . Good health is a necessity in a world where everyone is having a busy lifestyle. People are immersed in work and not taking care of health issues to keep up with everyone.

A recent study has revealed that being outdoors within nature and green spaces can help to improve your health. It lowers the risk of long-term depression, improves sleep and also changes a person's mood.

In the study, a psychologist named Sean Cain and his colleagues tested the effects of natural lights on people. They noticed a remarkable change in the moods of people. In this study, they tested over 290 million people from over 20 countries.

What is depression?

Depression is a common mood disorder which is a leading cause of disability in the world.



The study

Many people usually spend only two hours in the daylight and it affects their health adversely. Moreover, not getting enough sunlight can lead to a change in mood swifts and troubled sleep issues. This can cause depression. The study also looked at seasonal differences, employment, social and sleep activities.

The researchers also said that humans are born knowing the distinction (difference) between day and night. However, today, many of us use artificial light and this affects our health..

Moreover, they also found that a diverse variety of bacteria present in the natural areas help to boost the immune system and reduce inflammation. All these can help improve your health.

## WORD OF THE DAY

Today's Word of the Day is "lucrative" and its adjective meaning producing a great deal of profit.

**Pronunciation :** 'lu:krətɪv/

**Usage:** "a lucrative career as a stand-up comedian"

### Origin

Late Middle English from Latin *lucratus*, from *lucrat-* 'gained', from the verb *lucrari*, from *lucrum* (see *lucre*).

### Synonyms :

profitable, profit-making, gainful,  
remunerative, moneymaking, paying,  
high-income, well paid, high-paying,  
bankable, cost-effective  
productive, fruitful, rewarding,  
worthwhile, advantageous  
thriving, flourishing, successful,  
booming, going

**Antonym:** unprofitable

### Hindi Meaning

LUCRATIVE= लाभप्रद [pr.{labhaprad} ]  
(Adjective)

Usage : There is a lucrative market for our goods in Europe.

उदाहरण : यूरोप में हमारे माल के लिए एक लाभप्रद बाजार है।

## ENGLISH CLUB

### Phrasal Verb-ring up

**Meaning:** Please don't ring me up before ten o'clock in the morning.

**Usage:** This phrasal verb is typically used in British and Australian English but may be used in other varieties of English too.

## Today's Idiom

on the one hand | on the other hand

**Meaning:** You can say "on the one hand" before describing one of two contrasting ideas, options, or opinions, and then say "on the other hand" before describing the other one.

**Usage:** On the one hand smokers should have the right to smoke if they want to, but on the other hand non-smokers should have the right to breathe smoke-free air.

## Saying of the Day

God moves in a mysterious way

Possible interpretation:

The implication is that God's plan is beyond human understanding. God has a reason for everything, however strange it may seem to us.

Note: mysterious (adj.) = impossible or difficult to understand | This saying is sometimes used to explain or at least justify unpleasant events, whether at a personal or global level.

Origin: This saying is actually the first line of the poem and hymn "God Moves In A Mysterious Way" by the English poet William Cowper (1731-1800):

God moves in a mysterious way  
His wonders to perform;  
He plants His footsteps in the sea,  
And rides upon the storm...