

"The more that you read, the more things you will know. The more that you learn, the more places you'll go."

— Dr. Seuss



KNOWLEDGE DAILY



18-11-21

Space junk threatens astronauts on International Space Station

Space junk is an issue that astronauts and space missions face today. Space is filled with junk, leftover from rocket launches as well as failed satellites. Today, there are nearly 2,000 working satellites in space and more than 3,000 failed ones, and the number will continue to increase.

Recently, space junk put seven astronauts aboard the International Space Station (ISS) in danger. They are four Americans, one German and two Russians. The threat forced them to stay in their return capsules and they could not do their usual work. NASA says the situation could continue for a few more days.

The space junk came too close to the ISS many times as the ISS goes around Earth 16 times a day. So, the astronauts had to keep closing and reopening many compartments (rooms) of the ISS.

The reason

NASA said that the space junk is due to an anti-satellite missile that Russia was trying out from Earth. Russia had tested out the missile on one of its own satellites. However, it created a lot of debris (junk) which put the crew on the ISS in danger.



Rare kitten born with 4 ears finally finds a home

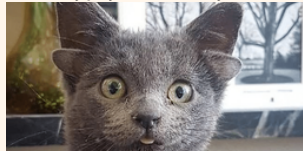
How many ears does a kitten (a baby cat) have? Two right?

Well, normally, that would be the correct answer. But for a kitten named Midas, that would be wrong. This is because Midas was born with four ears!

Midas is a four-month-old kitten living in Turkey. She has an extra pair of small ears inside her main ears. She was actually born to a stray cat on the road but was rescued.

Moreover, Midas also has an adorable white heart-shaped mark on her belly. Now, Midas has her

own account on Instagram and it's no surprise that she is now very famous. So, now, the kitten has found her permanent home. A woman named Canis Dosemeci adopted Midas. Canis already has two pet dogs. But Midas has become friends with them too. Midas' new owner said that her ears don't affect her hearing. She is also very playful and friendly.



Photographer captures “jellyfish ballet” in lake

Jellyfish ballet

Photography is not just about taking beautiful photos; sometimes it's about being clever.

A photographer named Angel Fitor snapped the photo above, titled “Medusa Ballet” at Mar Menor, Europe's largest saltwater lagoon. “Medusa” is the free-floating, second stage of a jellyfish's life cycle.

What is a lagoon?

A lagoon is a body of water separated from larger bodies of water by a natural barrier (such as a coral reef)..

In the photo, you can see around a dozen “dancing” jellyfish in the lagoon.

This photo was the top winner at the European Wildlife Photographer of the Year 2021 competition.

However, there's a twist: There are only two jellyfish in the photo! If you look closely, all the jellyfish look alike. But it is not copy-pasted. Instead, Fitor used a photography technique to capture them moving across the water. Fitor said that he has been trying this technique for six years but kept failing until now.

The photo

The jellyfish in the photo is a type called the Mediterranean jellyfish. It

is also known as fried egg jellyfish, for its similarity to the way a fried egg looks.

This photo was taken in 2014.

However, sadly, after this, a large part of the sea life has died in Mar Menor. Environmentalists say that it is due to pollution.



DID YOU KNOW

- A man in Kutch, Gujarat established a Cat Garden in 2017. Now, four years later, the place has over 200 cats.
- Jellyfish don't have brains. Not only that, they also have no blood, no bones, and no heart.
- NASA constantly keeps a check on around 20,000 pieces of space junk which might be a threat to the ISS..
- Antarctica is home to several volcanoes and two of them are active.

WORD OF THE DAY

Today's Word of the Day is "fortuitous" and its ADJECTIVE meaning Happening by chance rather than intention.

Pronunciation: for·tu·itous

Usage IN SENTENCE: 'the ball went into the goal by a fortuitous ricochet'

Usage

The traditional, etymological meaning of fortuitous is 'happening by chance': a fortuitous meeting is a chance meeting, which might turn out to be either a good thing or a bad thing. Today, however, fortuitous tends to be often used to refer only to fortunate outcomes and the word has become more or less a synonym for 'lucky' or 'fortunate' (the ball went into the goal by a fortuitous ricochet). Although this usage is now widespread, it is still regarded by some people as incorrect

SYNONYMS

chance, unexpected, unanticipated, unpredictable, unforeseen, unlooked-for, serendipitous, casual, incidental, coincidental, haphazard, random, accidental, inadvertent, unintentional, unintended, unplanned, unpremeditated

ANTONYMS predictable

Origin :Mid 17th century from Latin fortuitus, from forte 'by chance', from fors 'chance, luck'.

Hindi Meaning

FORTUITOUS= आकस्मिक [pr. {Akasmik}](Adjective)

Usage : It was a fortitious meeting .

उदाहरण : बच्चों एवं वृद्धों में आकस्मिक मृत्यु की दर को कम से कम एक तिहाई तक कम करना.

ENGLISH CLUB

Phrasal Verb- turn up

Meaning: to increase the volume, heat, power, etc. of an appliance by turning a knob or pressing a button.

Usage: If you can't hear the TV, turn it up a bit.

Today's Idiom a whale of a time

Meaning: If you have a whale of a time, you have a great time and really enjoy yourself.

Usage: I went to a karaoke club with my friends last night and we had a whale of a time. It was great!

Analogy Questions

Flow : River :: Stagnant : ?

Answer: C POOL

Explanation: As Water of a River flows similarly water of Pool is Stagnant.

Hence, Flow : River :: Stagnant : Pool

Logical Reasoning



A. 1 B. 2 C. 3 D. 4

Answer: Option A

Explanation:

Cup is to bowl as vacuum cleaner is to broom. This is another relationship about function. The cup and bowl are both used for eating. The vacuum cleaner and broom are both used for cleaning.

Science News

Date: November 2, 2021

Source: Association of Universities for Research in



Rocky exoplanets are even stranger than we thought

Astronomers and geologists have made the first estimates of rock types that exist on planets orbiting nearby stars. After studying the chemical composition of 'polluted' white dwarfs, they have concluded that most rocky planets orbiting nearby stars are more diverse and exotic than previously thought, with types of rocks not found anywhere in our Solar System.