



THE PRIORY ACADEMY

LSST

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Environmental News

Aashritha

Delving into the abyss: Unveiling the secrets of deep-sea creatures

Imagine a world where sunlight doesn't reach, where the pressure is immense, and the temperature hovers just above freezing. This is the realm of the deep sea, the largest and least explored habitat on Earth. Despite its harsh conditions, this mysterious environment teems with life, hosting some of the most bizarre and fascinating creatures imaginable.

One of the key adaptations that allow deep-sea creatures to survive is bioluminescence: the ability to produce light. Many species, like the anglerfish with its glowing lure, use bioluminescence to attract prey in the perpetual darkness. Others use it for communication, camouflage, or even to startle predators. The deep sea is also home to creatures that have evolved unique body shapes and sizes. The giant squid, for instance, can grow to over 40 feet long, while the goblin shark boasts a bizarre, elongated snout filled with rows of sharp teeth.

Scientists are constantly making new discoveries about deep-sea life, revealing the incredible biodiversity and resilience of these organisms. However, the deep-sea is also facing increasing threats from human activities, such as deep-sea mining and pollution. Protecting this fragile ecosystem is crucial for maintaining the health of our planet and ensuring that future generations can continue to marvel at the wonders of the deep.

Game Review

Scott

Arcane Odyssey Full Release

Arcane Odyssey is a fun action-packed game where you explore an open world, and it recently got a new full release update. They added a lot of things like sea monsters, new story quests, and side quests. A lot of islands have also been added. New magics and visual redesigns have been done.

There are also new criminals that give good weapons and the whole game has been redesigned and remastered. It is a personal favorite and is only particularly fun in the endgame, but I do recommend it even if you haven't played the game before.

New towers have been added where you must clear floors with enemies to reach the top and kill the captain to reveal treasure chests at the bottom of the tower. There are a wide variety of new bosses including story bosses, side quest bosses, criminal mini-bosses and event bosses that can spawn every twenty minutes or so.

New animals have been added that you can fight for animal meat that can be cooked into delicious meals (even burgers). There are also new lost spells, and technique scrolls that can be used to learn powerful skills and abilities. Renown can also be gained more easily due to the wide number of things to do that give high amounts of bounty/fame.

Many things have been removed like the dark sea compass that let you navigate in the dark sea. However, it has been replaced with sensing, a new ability used to see the exact location of enemies or players. It can also be used in the dark sea to track the bronze sea or the nimbus sea (the normal seas). A PC/computer is required to play the game. It is on Roblox and is like a hidden gem in the community.



Technology News

By Gregor

Should the Use of AI be the New Norm?

Artificial Intelligence is a form of computer program that can think for itself and could even be considered sentient. It can be used for a variety of different applications, such as recommending films to watch, or restaurants to visit. It can also be used to summarize news articles or even do your maths homework, with questionable levels of reliability. Some people have used it to fully complete their homework, as it is relatively good at writing text, but can lack depth and critical thinking skills. However, it is also notoriously bad at maths, failing at simple trigonometry and other higher-level problems. It has also been known to produce completely incorrect facts to please the person who wrote the prompt, and it also does not check the reliability of its sources.

There has been a significant rise in the reliability and overall use of AI, ranging from forced overviews on almost every web search, to reports of break downs after some AI servers stopped working, like the recent Cloudflare outage, the server which powers ChatGPT.

So, should it really be as prevalent as it is?

Some people say that it shouldn't be. While it can be used for helpful recommendations, people often argue that it should not be used to plow through any homework task or answer extremely important questions, such as those relating to health. It could be argued that it also has the accidental capability for a societal breakdown, as there are people who rely entirely on AI for everyday actions and if the servers crash, they might not be able to think for themselves.

Historical News

Emma and Ewa

Old Buildings

All around the world are historic buildings that some people think are good things and others think are bad. The people who think they're good think this way because they show things from our past and tell us about who we are. The others who believe this is bad think that they get in the way of new developments and are dangerous.

People who think it is good that we still have historic buildings try to restore them or make them safer so that everyone can access them without being injured. They give examples to support their views: for example, Lincoln Cathedral is a historic place, yet it is still popular. Even though historic places may crumble they still have value and meaning. Many people agree that historical monuments and buildings are filled with beauty and heritage from the past. They also enhance the world and make great landmarks for tourists to see.

Other people have said that historic places take up space that could be used for things like hospitals, factories or schools. It is also stated that these buildings are dangerous as they could collapse or break due to age. Some buildings from the past, such as dams, could cause mass destruction in breaking or even slightly crumbling. Some people state these monuments from the past are damaging the environment as retro-fitting old buildings can release lots of embodied energy and carbon.

Weather News

Esmae

Does the UK Get More Snow Than It Used To?

Many of us remember getting lots of snow a few years ago, yet now we barely get any. This is linked to human based climate change heating up the earth, as it needs to be freezing or just over for it to snow.

However, a place where snow has still been falling is on the tops of the Scottish mountains, where temperatures are still well below freezing and the snow will fall as it has in the past, even though temperatures have risen. However, the place it snows the least in the UK is Cornwall. This is most likely because it is the southernmost area of the UK and therefore the closest to the equator. For the weather forecasters, it is quite difficult to forecast snow because our country is an island and is affected by mild Atlantic air. This results in, during the colder winter weather, a little change in temperature determining whether snow will fall and settle.

Did you know that in 1947 the deepest snow in the UK was recorded in Denbighshire, North Wales, at about 1.65 meters? That is 5ft 5in and is enough snow to completely bury an average height adult.

Historical Feature

Freya

History about 1666 - the Great Fire of London.

The Great Fire of London was an extremely scary time for everyone who lived in London. The year it occurred in was 1666.

The fire spread for four whole days, and it was all because of a bakery!

The person who owned the bakery was Thomas Farriner. It started because he didn't turn his oven off! He didn't turn it off because, after a long day of work, he wanted to go to bed and didn't think of his oven. When he woke up in the night, he could smell smoke coming from downstairs. Already the Mayor of London was alerted but dismissed the order. After it was too late, the fire spread, destroying over thirteen thousand houses and the old St. Paul's Cathedral.

The fire lasted for four days. Samuel Pepys wrote a diary during all of this. James, the Duke of York, who was the King's brother, ordered a fire break by destroying multiple houses to stop the fire from spreading. It was very scary for a lot of people and a couple of days they would remember forever. While his house was burning down, Pepys went back to save a wheel of cheese that he had buried. We still learn about it in school.

Treasure News

Lorand and Genevieve

Spanish Legendary Ship Becomes Rediscovered After Years

On the 8th of June 1708, the San Jose, a 64-gun galleon of the Spanish Navy, was sunk by the British during the Battle of Baru. A mission to recover the San Jose began in 2024, hosted by the Colombian government. It took a while and a lot of patience and teamwork to eventually relocate the shipwreck. Some loot they managed to salvage upon rediscovering the ship include: a cannon, three coins and some porcelain (also known as china).

The total value of treasure that was aboard this ship is estimated to be valued at in between sixteen and eighteen billion pounds. The ship had magazines that detonated during the battle, sending all six hundred men, along with their jewels, flying overboard and plummeting into the depths of the Caribbean.

After 316 years, the spectacular San Jose has been found and has made headlines. We have been to the moon more than we have been to the deepest parts of the ocean such as the Mariana Trench. Who knows what else we may discover in the near future? The possibilities are endless, and there is a wide variety of historical evidence sitting there, waiting to be claimed.

National news

Emma and Ewa

Changes in Marriage Totals in England and Wales

According to the Office for National Statistics, there were 224,402 marriages in 2023, but in 2022 there were 246,897. This means there was a fall of 9.1%. Meanwhile civil partnerships have gone up by 9.7%, in 2023 there were 7,547 and in 2022 there were 6,879. However, opposite-sex marriages remained the most common type of legal partnership formed in 2023, accounting for 216,901 or 93.5%. Harry Benson, research director of the Marriage Foundation, said the year-on-year drop in opposite-sex weddings “conceals the long tail of lockdown”, suggesting many of those whose weddings could not take place in lockdown might still not have rearranged their nuptials. He said that “so many couples appear to have abandoned their wedding plans, and it is incredibly sad for them, their friends, and families. But it may also have a serious knock-on effect on commitment.”

In 2023, men aged 34.8 and women aged 33 years old were more likely to be in an opposite sex marriages than any other ages. Meanwhile, in a same sex marriage men were usually 37.4 and women were 34 years old. London was the most popular place for civil partnerships with about a quarter (1,847) in 2023. The capital had an 16.1% increase in same sex partnership, which is more than the years before. In opposite-sex relationships, civil partnerships have increased by 17.9% in 2023.

Space News

Anusha

Artemis II: A new era of space exploration

NASA is gearing up for the Artemis II mission, a crucial step in returning humans to the Moon. The Space Launch System (SLS) rocket, the most powerful rocket NASA has ever built, is undergoing final preparations for its launch. This mission will send a crew of four astronauts on a journey around the Moon, testing the Orion spacecraft's systems in deep space before a lunar landing attempt.

The Artemis II mission is not just about going back to the Moon; it's about expanding human presence in space and preparing for future missions to Mars. The data collected during this mission will be invaluable in refining the technologies and procedures needed for long-duration space travel. This includes testing life support systems, radiation shielding, and navigation capabilities in the harsh environment of deep space.

The Artemis program represents a new era of space exploration, driven by international collaboration and private sector partnerships. NASA is working with companies like SpaceX and the European Space Agency to develop the technologies and infrastructure needed for sustainable lunar exploration. The Artemis II launch is a significant milestone in this ambitious endeavour, paving the way for future generations to explore the cosmos.