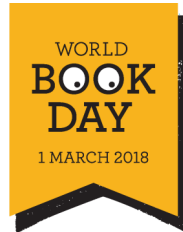


World Book Day: Animals & Nature



World Book Day 2018 Dressing Up: Thursday, 1st March

As World Book Day falls during our Science' festival, we are asking the children to incorporate the two ideas to come up with a costume linked to the topic of Nature and Animals. We hope that the children will have fun finding the science links in their favourite books at home.

Please remember to send in your *Extreme Reading* photographs and to complete the *Read Something New Every Day Challenge*.



Plastic Free Friday

On Friday, 2nd March, we are going to **have a plastic free day** in school. That means that **we won't use anything made of plastic that we have to throw away after using it**. So no bananas wrapped in plastic, no plastic carrier bags, no take-away drinks in plastic cups, and so on. We hope parents will support this.

Why?

Plastic can cause harm in many ways. It clogs our oceans, injures and kills birds and marine mammals, causes air pollution when burnt, poisons our food when entering the food chain through fish, and endangers our health when we enjoy food and our environment. Disposable plastic products are a big chunk of our household waste stream. It costs a lot of money to manage and process the waste from our daily take away coffee or the plastic bags that we use for our vegetables at the grocery store.

How?

Alternatives to plastic are plenty. There are so many wonderful non-plastic materials out there: cotton, linen, glass, steel, wood, hemp fiber, and many more! Especially when re-used, these alternatives contribute to a healthy planet, healthy people, and healthy animals. The benefits of having a Plastic-Free Friday are countless and go beyond a healthy planet. Refusing to buy or discard plastic opens our eyes to stores, products, materials, and even people that you have never seen before.

PLEASE HELP US SUPPORT THIS EVENT BY NOT SENDING IN ANY DISPOSABLE PLASTIC PRODUCTS IN YOUR CHILD'S LUNCH (OR FOR THEIR SNACK) ON THIS DAY.

Exploration & Discoveries

To celebrate Science Week, and all of the Scientific learning which will be taking place in school, we will be holding a whole school 'Explorations and Discoveries' challenge.



We would like every child, from

Reception to Year 6, to create, design and present a poster (A4) on the topic of 'Exploration and Discovery'. Be creative!

Completed posters to be handed in to your Class Teacher on **Monday, 12th March**.

Something to think about...

'Remember to look up at the stars and not down at your feet. Try to make sense of what you see and wonder about makes the universe exist. Be curious and however difficult life may seem, there is always something that you can do and succeed at. It matters that you don't just give up.'

(Professor Stephen Hawking)



Castle Camps Science Festival 2018 Exploration and Discovery



The Countdown Begins!

At Castle Camps C. of E. Primary School, we will be celebrating our Science Festival (Exploration & Discovery) between Monday, 26th February and Friday, 2nd March 2018.

There will be lots of exciting events taking place in school and we are sure the children will gain much from the experience. In addition to class-based tasks, there will also be a number of fabulous workshops and visitors to school.

Please see this newsletter for information on some of the activities we will be running.



Science Facts to share with your child...

- Electric eels can stun both predators and prey with electric shocks of around 500 volts.
- The fastest land animal in the world is the Cheetah, clocking a max speed of around 113 km per hour (70 mph).
- While some bacteria can make you sick, others have positive benefits such as helping you digest food or even make yoghurt.
- Engineers solve practical problems by applying mathematical and scientific knowledge. The word engineer comes from a Latin word meaning 'cleverness'.

ZooLab Workshops: Rainforest Adventurer

During these workshops, the children will get to go on an action-packed adventure through the rainforest layers, meeting various animals - from stepping over snails on the forest floor, to watching dancing stick insects in the understorey, to seeing how

snakes climb and how tarantulas jump out of burrows. They will meet canopy-dwelling tree frogs, too. It's all part of an approach that combines storytelling and drama to make the rainforest real and help children to see how it affects us all.



ZooLab will be visiting on Monday, 26th February and will explore the following subjects:

- The tropics
- Location of the world's rainforests
- The forest floor, under storey, canopy and emergent layers.



Star Dome

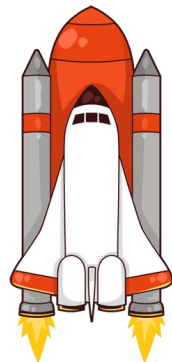
The StarDome is a portable, inflatable planetarium and it is *landing* at Castle Camps on Tuesday, 27th February. We can't wait!

Earth, Moon and Sun Presentation

How do these objects interact with each other? Why do we get different seasons? Why does the Moon look different throughout the month? Find out the answers to these questions and more during this exciting presentation.

The Planets and Stars Presentation

Explore the Solar System by visiting the planets and other objects. Then find out even more about the night time sky.



St John's Ambulance First Aid Training

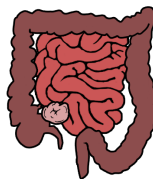
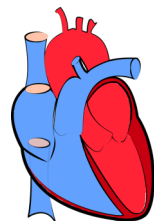


Recent research shows that seven out of 10 pupils wouldn't know what to do if someone they knew was hurt, and yet the majority say they would like to learn first aid. As one of the nation's leading first aid charities, St John's Ambulance believes that every young person should have the chance to learn vital life saving skills.

These workshops on Thursday, 1st March, will provide pupils in KS2 with the knowledge and confidence to be the difference between a life lost and a life saved.

Subjects covered:

- Communication & Casualty Care
- Primary Survey
- Recovery Position



Fascinating Body Facts to share with your child...

Your mouth produces about one litre of saliva each day.

Your brain is sometimes more active when you're asleep than when you're awake.

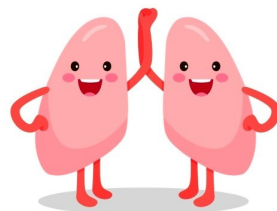
Laid end to end, an adult's blood vessels could circle Earth's equator four times.

The word "muscle" comes from Latin term meaning "little mouse", which is what Ancient Romans thought flexed bicep muscles resembled.

Bodies give off a tiny amount of light that's too weak for the eye to see.

The average person has 67 different species of bacteria in their belly button.

You lose about 4kg of skin cells every



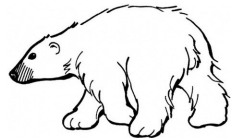
Class-based Activities

Planting beans



Giant bubble Challenge

Make a rainforest in a jar



Escape from the ice

Research famous female scientists



Astro-nappy Challenge



Recycling challenge

Design a healthy smoothie

Look out for some of these fun class-based tasks next week...



MiNT Workshops

On Friday, 2nd March we will be welcoming Lisa Taylor from Mundipharma to lead workshops with the children on the topics 'Germs' and 'Chromatography'.

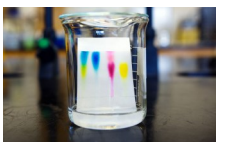
Germs (EYFS & KS1)

In this workshop, the children will be using cuddly microbes & UV talc to find out just how far germs can travel. They will also learn a proper handwashing technique.



Chromatography (KS2)

Is black ink really black? Are all red sweets the same? In this session, the children will explore the world of hidden colours and dissolving through simple chromatography. Links will also be made to techniques used in industry and forensics.



Night Owls

On Wednesday, 28th February the children will watch a flying display from the Night Owls in the School Hall. After the display and presentation, there will be the opportunity for each class to meet the owls and have their photograph taken with Whisper (a beautiful Barn Owl) on their shoulder. Please see the attached letter for further information.



Caspar the Barn Owl



Oscar is an Arhonis Eagle Owl



Chalky the Snowy Owl



Twiggy the Asian Brown Wood Owl