



Mendoza Herald

English newspaper of the Burgos highschool Cardenal López de Mendoza

AS A WRITER, YOU SHOULD NOT JUDGE, YOU SHOULD UNDERSTAND ERNEST HEMINGWAY

Vol.17 December 2022



FOOD & MYTHS

In this article you will find out the truth behind some myths related to food. Are carrots or orange juice that beneficial? At the same time, people tend to believe that bread is healthy, but it may not. So, discover some false ideas that we generally have about good or bad foods.

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MONDRIAN

Are you a fan of modern art? Have you ever heard about Piet Mondrian, a Dutch artist? He can be defined as an outstanding figure of cubism as well as modern abstract art. This article focuses on his first years and his most famous works.

Page 4

THE MEDIEVAL INQUISITION



In the 13th century the Medieval Inquisition was established to persecute ideas or practises rejected by Catholic authorities and to promote Christian faith. Read this article to discover more about this intriguing institution and the most famous cases taken to this court and their punishments.

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QUEEN ELIZABETH II

For the past few months, much has been spoken about the prominent figure of Queen Elisabeth II as she died on 8, October.

Elizabeth Windsor was coronated as the Queen of the United Kingdom in 1953 and this luxurious event took place in Westminster Abbey in London. Throughout her years as sovereign of the country, she went through extraordinary and hard times. In this article you will find some appealing information about her personal life. In the first place, she was not supposed to be heir to the throne, but King Edward VIII (her uncle) decided to abdicate to marry a glamorous American woman. This way her father George VI became the King and, some years later, she succeeded him.



She had 3 sons (Charles, Andrew, Edward and a daughter, Princess Anne). In 1992 she made a famous speech in which she talked about her "Annus Horribilis" as a lot of negative situations happened to her, such as the fire at Windsor Castle.

Nevertheless, her life became difficult when her husband, the Duke of Edinburgh, died in 2021 after 73 years of marriage.



GOD SAVE THE QUEEN!

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THE WORLD OF BITCOIN

How much do you know about the virtual world of crypto currency or blockchains? Read this article to learn a bit about Bitcoin and its usefulness or the fact that it represents a problem to the environment.

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URBAN MYTHS

Most people have a soft spot for horrific stories that are mainly present on the internet. This article deals with three urban myths: Walt Disney's corpse, The Loch Ness Monster and The Roswell Case. Would you dare to read it?

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LE CORBUSIER



Le Corbusier (1887-1965) was the greatest, most fruitful, and free representative of the Modern Movement, a global and inexhaustible architect capable of reinventing himself plastically and conceptually in each era of his life. He was among the first to advocate standardized construction to reconcile quality and sustainable growth, and his contributions to the architectural and emotional use of colour are still a source of inspiration. His influence is attested by the fact that UNESCO has declared 17 of his works a World Heritage Site.

The Modulor is a measurement system created by Le Corbusier, based on human height in relation to mathematical numbers. Le Corbusier represented it with a man raising his arm, indicating, in this way, the important points of the body measurements determined by the golden ratio.



The initial motivation for creating the Modulor was the need to reconcile and standardize the imperial system (used by the English and Americans) based on the foot and inch with the metric system (used in the rest of Europe) during the years after World War II and a trend in countries to create standards of measurement.

Le Corbusier is known for being the inventor of the housing unit, a subject on which he began to work in the 1920s, as a theoretical reflection on collective housing. "The housing unit of conforming size" (name given by Le Corbusier himself) will only be built after the Second World War, under the orders of the Minister of Reconstruction in five very different sites: Marseille, Briey-en-Forêt, Rezé near Nantes, Firminy and Berlin.

It will take on the value of a solution to the post-war housing problems.

This architectural language will be taken up in Brazil, Japan and England, where the management of housing and collective space poses a problem.

Le Corbusier imagined a building that could accommodate a very large number of inhabitants, as a living space that had not lost its social character and had the characteristics of a village, placed vertically for lack of space. - This shared space must include all the collective equipment necessary for life - streets, shops, kindergarten, elevators seen as public transport, guest rooms, laundry, swimming pool, gymnasium, walking or running track, library, workshop of paint, space conducive to social life, ramps allowing smooth access from one module to another, apartments flooded with light, quieter streets. From 1945 to 1952, Le Corbusier built the Cité Radieuse in Marseille. This is his first residential unit. Now, five interesting facts about Le Corbusier that will leave you speechless.

1. The architect's actual name is Charles-Édouard Jeanneret-Gris, but he named himself Le Corbusier in 1920. The name is a variation of his grandfather's name, Lecorbésier. Adopting a single name was popular among artists back in the time.

2. He never had formal academic education in architecture. He taught himself by reading books, visiting museums, and sketching buildings. He told the BBC in 1951 "I am anti-school. I am going to confess to you that I left school at 13 because schools were very mean in the past, they were no fun."

3. Le Corbusier and his cousin Pierre Jeanneret designed a car, in 1936, and called it Voiture Minimum. They described it as a "minimalist vehicle for maximum functionality." The car was never, actually, manufactured, but the architect was persistent that it inspired the Volkswagen Beetle.

4. He became nearly blind in one eye around 1918. He would argue that his glasses should be half-priced accordingly.

5. Le Corbusier, who was quoted saying "How nice it would be to die swimming toward the sun," did, actually, die in 1965 while taking a long swim in the Mediterranean, against his doctor's instructions. His dead body washed ashore later. It is believed he died of a heart attack.

CARMEN ARNAIZ, SARA BRAVO & LAURA MUÑOZ 4D

VOLLEYBALL

Volleyball is practised between 2 teams made up of 6 players each. They play in a rectangular court divided by a net into 2 equal parts, and they use a spherical ball of synthetic leather: The objective of volleyball is to make points keeping the ball in the air and preventing it from falling to the floor of your side, because it would be point for the other team. The main rules are the following ones:

1. The players can't touch the net and can't get into adversaries' side.
2. A match is made up of 2, 3 or 4 sets of 25 points each one. The team has to make a difference of 2 points in case of draw.
3. There is a maximum of 3 touches in the team each time you pass the ball through the net.
4. The sides are randomly assigned before starting the match, and when recovering the serve, players must rotate their positions before starting a new one.

Like in all sports, volleyball is a good way to have fun with your family and friends, but at the same time, it can produce different effects in your body:

POSITIVE

- It's a good cardiovascular exercise because you run, jump and hit the ball all the time.

- Also, practicing volleyball improves circulation, cardiorespiratory capacity and general comfort.

- It decreases the possibilities of developing cardiovascular or lung illnesses.

- This sport needs muscular strength, so you develop your muscles, besides resistance, power, velocity, agility...

- Finally, it helps coordination and reflexes at a certain time, because you have to move quickly.

NEGATIVE

- If you don't practice volleyball in a correctly way, it can cause you injuries like fractures, dislocations, ligament strains or tear.

- When you fall to the floor for hitting the ball you can have wounds or bruises, sometimes in the lower part of the arms due to touches or forearms.

- Also, when you run, is very common to have a misstep and have an injury in the ankle. This is called ankle pain or sprains.

- Another problem caused by this sport is instability in the lumbar spine, and it's also very common to break fingers due to finger touches

EVA ALONSO (2A), CELIA MARTÍNEZ & ÁNGELA GONZÁLEZ (2B)



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SPANISH INFLATION

'The first panacea for a mismanaged nation is inflation of the currency; the second is war. Both bring a temporary prosperity; both bring a permanent ruin.'

I'm pretty sure you have already been warned about the inflation that we are going through, yet, another crisis, but do you understand what does this feared word stand for?

Inflation does vary a lot its meanings when a prefix gets to be added (shrinkflation, skimpflation, stagflation...), but in general terms it is the rise in overall prices without an improvement of salaries, which basically means a decline of purchasing power.

This has been bad news for everyone forever, some experience a rise of 20 cents in a filipinos packet, others, like the average German in 1923, had to spend 200 billion marks just to get a miserable loaf of bread.

Inflation is caused by imprinting money, legally devaluating the national trade currency and a lot of other hard-explanatory affairs. External events help inflation's growth, wars are the best example.

The fastest ways of stopping the danger of inflation are: devaluating national currency (although not reducing the inflation itself, it reduces peoples' economic problems), reduced salaries, max tops for prices and etc.



Although they come with many issues, they can save people for a short period of time.

After a long talk about what globally is inflation, we can finally start with the problems we are facing as Spaniards.

Almost 3 out of 4 articles in supermarkets have had their prices risen by a 10%, energy, in which production we rely a lot on Russia, is getting a lot more expensive than ever before and such things like working seem to be beyond most people's reach since this all started. The Government didn't look away and has made efforts to palliate the situation.

They have tried to put that top prices to energy we have talked about before, they have lowered IVA tax in some things and etc. Some solutions seem to be effective, others not so, all I can assure is: this is not our worst problem, the real thing is about to come..



After Putin invaded Ukraine out of the cuff, Russian economy's sanctions from UN have also affected the rest of Europeans (quite strange that the US hasn't almost experienced any changes wink). Spanish inflation has reached an alarming level (7.3% as of September 2022, which is not so bad) that has driven us into some changes.



NICOLÁS CASADO,
PEDRO GARCÍA-GALLARDO
JULÉN GARCÍA
4D

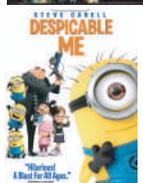
THE YEAR WE WERE BORN. 2010

IF STUDENTS

MOVIES

OSCAR AWARDS 2010

FILMS RELEASED IN 2010



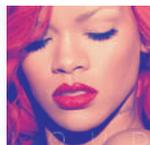
SONGS

SONGS AND RADIO:

The most famous song in 2010 was Waka Waka (Shakira, a world-wide famous singer). She created this song for the 2010 Soccer World Cup.

OTHER FAMOUS SONGS WERE:

- The Surburbs - Arcade Fire
- We don't speak Americano - DCUP and Yolanda Be Cool
- Only Girl (In The World) - Rihanna
- Love The Way You Lie - Eminem



SPORTS

FIFA WORLD CUP 2010

The winner was Spain. They won 1-0 against the Netherlands. The Spanish Team's coach was Vicente del Bosque. The squad was composed by 23 players. The best player of the tournament was Diego Forlán from the Uruguayan national team.



The teams that went to semifinals were the teams from: Uruguay, Netherlands, Germany and Spain as you can see in the chart below. As a matter of interest the ball was called Jabulani

SPORTS AWARDS

Basketball:

- World cup: United States
- Euroleague: Barcelona
- NBA: Lakers
- Endesa League: Barcelona
- The best player: Kevin Durant

Football:

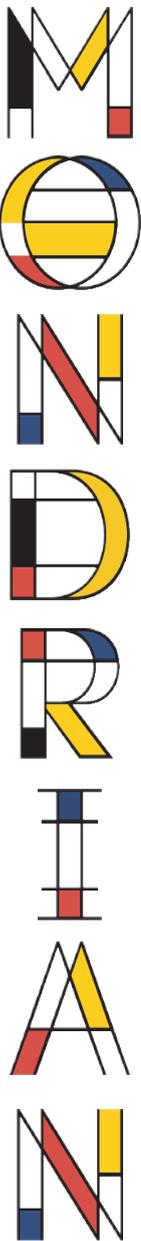
- World cup: Spain
- Champions league: Inter de Milan
- Santander League: FC Barcelona
- Premier League: Manchester United
- The best player: Lionel Messi

TV PROGRAMS

- Adventure Time
- Dora the Explorer
- Sponge Bob
- Peppa Pig
- Calliou
- Hannah Montana



- Downton Abbey
- The Walking Dead
- Gilmore Girls
- Big Bang Theory
- Grey's Anatomy
- Sherlock



PIET MONDRIAN was born in Amersfoort (The Netherlands) on March 7th, 1872 and died of pneumonia in New York (U.S.A.) on February 1st, 1944. He was a Dutch artist and an important leader in the development of modern abstract art in the 20th century. During his artistic career he changed the way he painted, moving from figurative style (cubism) to abstract style and neoplasticism, an artistic movement created by himself. The most important characteristic of his abstract paintings was when he used in most of them simple geometrical elements like squares, rectangles, right angles and straight vertical and horizontal lines. At this point, he usually only used three primary colours (blue, red and yellow) combined with other three colours (black, white and grey).



FIRST YEARS
He started his career as a primary school teacher but, while he worked as teacher, he also practiced painting. In 1893 he participated in his first exhibition with some of his paintings related to nature (trees or houses reflected in water). Some of his most important paintings from this first period were "The red mill" and "Evening; Red tree".

CUBISM
He moved to Paris in 1911 and he knew the cubism style that included in his paintings. Some of these are for example the "Grey tree", similar to "Evening; Red tree" but in cubism style.



Grey Tree
(1911)

NEOPLASTICISM
During the World War I he returned to France and remained there until 1938. In this period, he moved to abstraction with his most important and well-known paintings, such as "Composition in red, blue and yellow", "Composition with yellow patch" or "Composition with blue and yellow".

He returned to Amsterdam and founded the group "De Stijl" (the style) influenced by the cubism revolution with paintings such as "Composition No 10 Pier and Ocean".



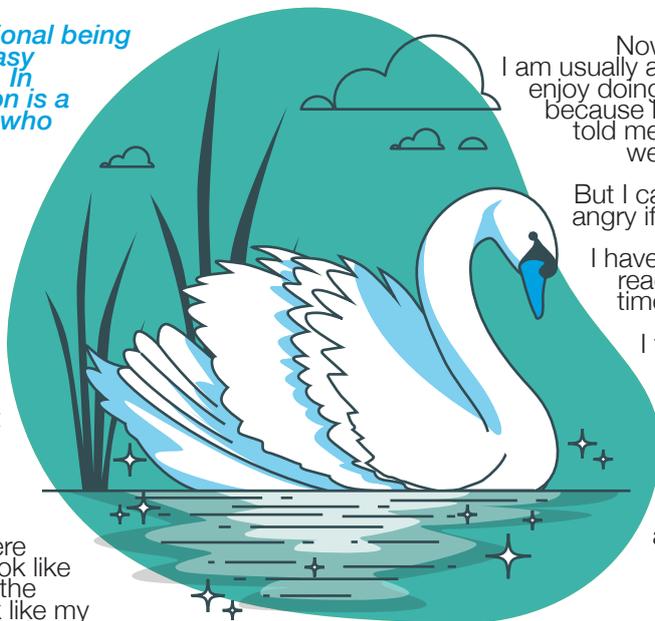
Composition no. 10 Pier and the Ocean
(1915)

IRENE MIÑÓN (1D), IRENE MIGUEL, ISABEL RADOSLAVOVA, MAR MATÉ (1E)

ME AND MY DAEMON

A daemon is a type of fictional being in the Philip Pullman fantasy trilogy His Dark Materials. In Pullman's world, a daemon is a physical manifestation of who you are. The shape each person's daemon takes depends on what kind of person they are on the inside.

Hello! My name is Aroa, I'm twelve years old and today I would like to talk about myself and my daemon. I would like to start introducing myself. At first, I will describe myself physically. I am not very tall, I have got an average height. I am not fat. I have got long, curly, long hair. I have got hazel eyes, a wide nose and thin lips. Many people say that I look like my mother and there are people that say that I look like my father. I think that I am "the mixture of the family". I look like my mother, but I think like my father.



Now, let's talk about my personality. I am usually an extroverted person: I am happy because I enjoy doing funny activities, I consider that I am clever because I have good grades and people around me told me, I enjoy spending time in company, I like wearing elegant clothes, I laugh easily...

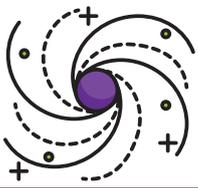
But I can be introverted: I am hard on myself, I get angry if something doesn't work as I want and I am very sensitive.

I have many hobbies. Some of them are studying, reading, listening to music, dancing, spending time with close friends and family, traveling and many more...

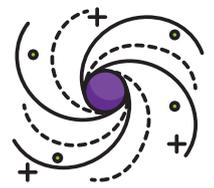
I finished introducing myself, now I would like to introduce my daemon.

My daemon is a swan called **Duncan**. He is very clever and he can be introverted. He enjoys being proud of its work, doing everything well, and he enjoys spending time with close friends and family. He likes studying and sometimes spending time alone.

That is all!

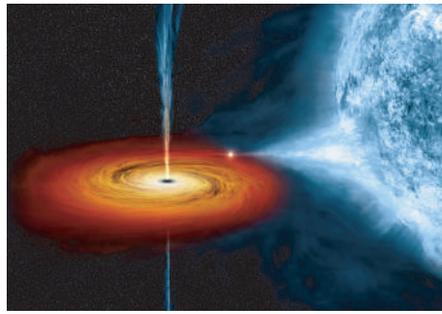


BLACK HOLES



A black hole is a place in space where gravity pulls so much. It is a limited region of space which possesses a concentration of mass in its interior. We can't see black holes because no light can get out.

The gravity is so high that the concentration of mass is sufficiently elevated so as to produce a gravitational field where any particle (not even the light) can break out of it. Gravity is so strong because matter has been squeezed into a tiny space. Scientists think that black holes were formed when the universe began. Stellar black holes are made when the centre of a very big star falls in upon itself or collapses. When this happens, it causes a supernova (A supernova is an exploding star that blasts part of the star into space).



Scientists think supermassive black holes (the form that scientists usually call the largest black holes) were made at the same time as the galaxy they are in. Black holes attract the matter and even the energy towards it. When matter reaches a point without return, they call it the horizon of events, a point where it is impossible to break up of because moving to a velocity that is faster than the light is required. This happens with more things, such as energy or light.

SOME INTERESTING FACTS ABOUT THEM:

What would happen if a black hole swallowed the sun? That sunlight would stop receiving, so life would be extinguished. As for the orbits of the planets, they would not change.

What is inside of a black hole?

Most black holes are formed by condensed remains of a massive star. In other words- it is what remains after the death of a large star, with a mass of at least three stars similar to the Sun.

What happens when two black holes collide?

These approaching black holes will end up colliding with each other and just before a high-energy explosion will occur that can be seen through gamma rays, x-rays, and radio waves. In addition, astronomers expect to detect the gravitational waves that will deform space-time.

Who was the one who discovered the black hole?

In 1916 the German astronomer Karl Schwarzschild developed the concept of black hole based on Einstein's theory of relativity, which later describes black holes without load and without rotation. In 1963 Roy Kerr described the black holes in rotation.

How many black holes are there in the world?

They have discovered perhaps a dozen or two of probable black holes.

Is the sun bigger than a black hole?

The black hole closest to Earth is 12 times larger than the Sun

CAROLINA GARCÍA & SARA MUÑOZ - 1D

DO WE HAVE TO BELIEVE ALL MYTHS RELATED TO FOODS?



You have probably heard about plenty of myths when dealing with the topic of healthy foods. But, are they completely true? Do you fancy getting to know loads of general facts about food? If you find this interesting, read the following article.

WILL CARROTS IMPROVE YOUR VISION?

Carrots are a very rich vegetable in vitamin A. This vitamin helps us strengthen our eye health. Nevertheless, carrots would never improve our vision, the only thing they could help us is with cataracts.



During the Second World War, it was said that soldier's visual acuity was due to the amount of carrots eaten in a day and this was the origin of this myth.

DO THE VITAMINS OF A JUICE SET OFF OF IT IF YOU LET IT DURING A LOT TIME?



It is not recommended to drink the juice after a day because the best option would be to consume it within 12 hours from the time it was squeezed. Once this time has passed, it will start to ferment and its flavor will change out to a bitter one. In addition, if it is at a really high temperatures, it will speed the fermentation up. The point of this is that even the flavor changes, its vitamins still there, but if we conserve the juice at a cold temperature, it will retain its properties for longer.

ARE VEGETABLES FATS HEALTHIER THAN ANIMAL ONES?

This myth is not entirely false, as the fats with vegetable origin have some benefits, such as helping to prevent the risk of heart attacks, diseases of the brain and many others healthy problems. But, on the other hand, animal fats contain a high percentage of omega 3 that protects our heart.

IS BREAD UNHEALTHY?

We have to be clear that this myth is totally false since bread is a pillar of our daily diet. As we know, it is a carbohydrate. This provides us with a great amount of energy. Moreover, it gives us proteins, vitamins and minerals.

Although it is essential for our Mediterranean diet, and it is recommended as complement to our lunch and dinner, we do not have to abuse it.

Taking all these facts into consideration, we have to consume all types of fats in a moderate manner to get a balance in our diet, as each type of fat has their own benefits.



To end up, we would like to point out how necessary it is to make sure that we consume many different types of products, no matter their origin.

ALEJANDRA ARAGÓN, JIMENA VICARIO, LORENA GARCÍA, ANA DIXNEUF - 3C

BITCOIN: THE END OF THE BANKS ?

You have probably heard about bitcoin, crypto currencies, NFTs... But do you know what they are? In this article, we will answer some of the questions about this virtual currency.

What is Bitcoin? How does it work?



Bitcoin is a virtual currency (Crypto currency) based on a technology called blockchain. This technology was created by Satoshi Nakamoto in the year 2009. In the blockchain technology, information (such as bitcoin transactions) is stored in little files called "blocks". These blocks are joined all together to form what is known as the blockchain.

This "chain" is stored in all the computers that take part of the blockchain. This means that bitcoin transactions are not centralized in an institution (like a bank). All the users who have bitcoins take part of the control of the currency because the blockchain information is stored in their computers.

When a transaction between bitcoin users is made, that information is stored in the blockchain. This means that all the users confirm that this operation is made, so no one can cheat in order to make fake transactions.

Blockchain is not only used for bitcoin. Other crypto currencies such as Ethereum and also the famous NFTs use it.

Is Bitcoin a problem for the environment?

Bitcoin is not good for the environment, but it is not as bad as some people say. The environmental problem with bitcoin rests in the blockchain, and more specifically in the process of "mining". Mining is a process in which you register a new transaction in the chain and you receive some bitcoin if you do it successfully. This "mining" process requires a lot of computational power, which means a lot of electric energy. This is the problem: miners spend a lot of electric power, which causes the emission of CO2 and other gases related with climate change.



Nevertheless, this can be avoided by using renewable energies to produce electricity, such as solar and wind power.

Is bitcoin a good investment opportunity?

The value of bitcoin changes a lot in time. So in theory you can buy bitcoins when they are cheap and sell them when the value increases. Bitcoin has increased its value a lot in the last 10 years. In 2009, it cost less than a euro, but in November 2021 its value was 56.000 €. This means that someone who bought a couple of bitcoins in 2009 is a millionaire now. But in the last months bitcoin has experienced a great crash, so it is not recommended to invest at the moment.

Are crypto currencies useful? Will they replace the conventional currencies?

Currently, the uses of bitcoin and other crypto currencies are not wide spread. They are reduced to anonym payments and crypto art (NFTs).

Although in our opinion, we think that the blockchain technology has a lot of potential, and in the future it can be used for many different applications, such as signing virtual contracts or storing valuable information.



In the meantime, bitcoin will not replace the centralized governmental money. Its idea is completely opposite to the regular currencies controlled by a state. So, in the near future, we do not think that crypto currencies will replace the regular money that we use today.

An NFT monkey (One of the most expensive NFTs)

URBAN MYTHS

Urban myths, as most of you might know, are pieces of information that circulate mostly on the internet, and especially teenagers enjoy them. This is why we are telling you the story of three of the most terrific horror urban myths.

THE FREEZING OF THE CORPSE OF WALT DISNEY



This urban legend is quite tricky, since it enjoys a denial, and in turn, the denial of the denial, if we are allowed to play with words to the extreme. It has been repeated ad nauseam that Walt Disney, who died on December 15, 1966, was subjected, once dead, to a cryogenic treatment, that is, scientifically induced freezing for the purpose of preserving the body intact in case one day the science finds a way to bring the dead back to life, without resorting to zombie methodology. Well, in truth, Walt Disney's body was cremated on December 17, 1966, two days after his death, and his ashes were buried at Forest Lane Memorial Park in Glendale, California. And yet, a persistent rumor claims that it was not Disney's body that was cremated, and that his body is being cryogenically treated in a secret

THE LOCH NESS MONSTER

It is said that in Scotland, a monster lives in Loch Ness. A kind of plesosaur, it is not known if it is totally true but several people claim to have seen it. This creature is located in Loch Ness, it is a medium to large freshwater loch that is in the Highlands of Scotland.

One group believes that the animal resembles a plesiosaur, a huge marine animal extinct 65 million years ago, endowed with fins and whose weight could reach 10 tons.



Nessie was first seen in the year 565 when St. Columba, an Irish priest traveling through the Scottish Highlands and spreading Christianity among the Picts, saw the creature. In 1939, the Northern Chronic newspaper published a story titled "A Strange Experience at Loch Ness" in which it told the story of one Irish who claimed to have seen an animal. It was in this year that the Loch Ness Monster as we know it today was announced.



ROSWELL CASE

On July 2, 1947, Mac Brazel, a New Mexico farmer, discovered some debris scattered around his ranch, reporting it to the sheriff on July 5. The Roswell Daily Record

headline on July 8 was, "Air Force captures flying saucer on ranch in Roswell region." The July 9 headline read, "Ramey denies flying saucer." Ramey, a brigadier general at the Fort Worth, Texas military base, identified the wreckage as that of a weatherballoon.

Another article relates how they were made up mainly of strips of rubber, aluminum foil, cardboard and wooden rods. The real wreckage was said to have been replaced by military equipment at the Fort Worth base. Subsequent U.S. Air Force reports in September 1994 and June 1997 claimed that the wreckage was from a "Project Mogul" flight. There was an investigation, conducted by the Secretary of the Air Force and the Department of Defense. In it they were identified as debris from a low frequency acoustic detection system carried by the long range and highly secret balloons called "Project Mogul".



ORIENTEERING

We all may have heard about orienteering, but do you know what actually it refers to? Orienteering can be regarded as a competitive sport in which runners must find their way across rough country with the aid of a detailed map and a compass. It can be enjoyed as a walk in the woods as well as a sport.

The aim is to navigate between checkpoints marked on a special orienteering map. There is no set route so the skill and fun come from trying to find the best way to go. Otherwise, in competitive orienteering, the challenge consists on to complete the course as fast as possible.

You might be thinking... which are the benefits of orienteering?

.Well, it seems to be a mental and physical exercise that gets participants out into nature.

This sport promotes several abilities such as stamina, independence from technology, and spatial reasoning ones, as well as cooperation skills

But what happens if we don't have a compass to guide us?

Easy, as our ancestors did! Observing and using the natural means available.

As an interesting fact, did you know that the word orientation comes from the word "orient", that is, the cardinal point East, where the Sun rises?

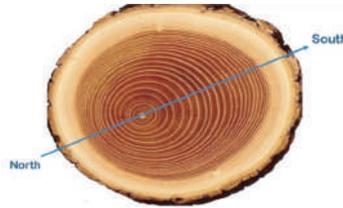
Here we expose natural sources that we can look at to orient ourselves in nature:

- The moon
- The polar star
- The star constellation
- Southern Cross
- Orion's' arm
- The sun
- Vegetation

So, let's focus on vegetation in nature which provides us with clues about the position of the cardinal points. Some sources that you didn't expect to be as useful are the following:

Tree stump

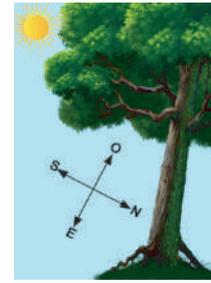
If you see a cut tree, have a look at its rings, as you can identify the south and north. They are not symmetrical, but in one side they seem more separated than in the other, as a result of how the tree seeks the sun during its growth.



In the northern hemisphere, trees grow mainly towards the south looking for the sun. Therefore, the wide distances between the rings will indicate the south, while the narrow distances will indicate the north.

In the southern hemisphere, however, the opposite occurs, since trees grow mainly towards the north in search of the sun. In this case, the wide distances between the rings will indicate north and the narrow distances south.

Moss and lichen



Moss and lichens grow on the shaded and moistest parts of trees and rocks.

In many forests, this part often coincides with a north orientation, as it is usually the face that receives less sun during the day. However, care must be taken when interpreting this sign, as in very humid areas such as Atlantic forests, for instance, moss and lichens grow everywhere, as well as in areas near rivers and streams, so we should look accurately.

Pine trees



Tall pines tend to curve their crown toward sunrise, toward the east. Yet, observation must be taken with caution, since on the slopes the pine could go looking for another direction due to the slope and shadow of the terrain.

LIDIA MORENO & VICTORIA SANTIAGO - 4D



The Medieval Inquisition



In this article we are going to talk about the Medieval Inquisition. This was a judicial and ecclesiastical institution established by the Pope under his direct control during the 13th century to persecute and suppress heresy. It was meant as a set of ideas and practices which were rejected by Catholic authorities.

The Inquisition punished what they considered 'crimes against the Christian faith': the witchcrafts, a kind of worship with many followers, as witches and sorcerers, who sometimes encouraged the demonic pact; the alchemy, whose objective was finding the philosopher's stone to turn any metal into gold; the homosexuality or sodomy, same-gender relationships not permitted by the Church; the paganism, or people who did not believe on the monotheist religions and the apostasy, or those who reneged being part of a religion.

Since Theodosius converted Christianity into the tolerated religion in the year 380, heretics began to be considered enemies of the state. Even St. Augustine approved the state action against heretics. There was a great resurgence of heresy in Languedoc (southern France) in the 12th century, when Albigensian doctrine appeared and spreaded. It did not coincide with the Catholic Church's views on salvation, marriage and other institutions of society and criticized the clergy for their corruption. In reaction, Pope Innocent III organised a Crusade against them by enacting punitive legislation. However, the initial efforts to subjugate the heresy were badly coordinated and showed ineffective

So the first inquisitorial court to eliminate heresy was created in Sicily in 1231, at the request of Emperor Frederick XI of Hohenstaufen and with the statute of Pope Gregory IX. They sent the Dominicans, who were great masters of philosophy, art and theology, as inquisitors to judge cases of heresy. Around 1255, the Inquisition had spreaded throughout Central and Western Europe.

Any suspicion related to heresy led to a trial and a sentence. People accused of these crimes against Christianity had no opportunity to defend them or would do after being physically and psychologically tortured. Even there were more than 60 trials against animals! Some of the most known cases were witch hunting and burning. But do you know why were they considered witches? In that time, some women were accused of witchcrafts because their behaviour was against the rules that the patriarchal society imposed, classifying them as "bad or weird women". Being adulterer, more independent or having certain knowledge, ideas or studies were reasons to be considered witches!

A very well-known case was Jeanne D'Arc, a girl who dressed like a boy, headed an army, and was finally burned in the campfire. But you probably do not know that she confronted the Roman Inquisition because she stated that the Earth turned around the Sun, instead of the Sun around the Earth, as it was thought in that time.

Witch burning was not the only punishment that they could get. For example, another one was 'the rope': the suspect's hands were tied behind his or her back and he or she was lifted by the wrists several metres above the ground with a pulley system. Then, the person was dropped without touching the ground and got dislocated. Or 'the rack': the prisoner's hands and feet were tied to a table, the ropes around extremities were wrapped to a rotating wheel, and each time the wheel was turned, the limbs were stretched until they broke.

In conclusion, during the Middle Ages, the Catholic Church was one of the most important political and religious institutions, in some cases even more than Emperors or Kings. Some of them also tried to reduce its power, but it did not work. The Catholic doctrines were imposed over all population, so if you did not follow and fulfill them, you were at risk of being punished. It was a matter of power by controlling the mentality and thinking of people.

AUROVILLE the city with no money, no religion, no politics

Have you ever thought about a place where there's no politics, no cash and no religion? In this article we talk about Auroville, a city just like we have just described.

Auroville is located in the south of India, near Puducherry. Now, you might be wondering who could have possibly founded such a city and why? Well let's get into that. In 1968 Mirra Alfassa (the inhabitants of the city refer to her as "mother") decided to build a city where both men and women, the black and the white, and children and the elderly could live in peace and harmony together. In order to do this, she followed the teachings of an Indian philosopher called Sri Aurobindo (the city is named after him).

To make this long story short, Mirra took 20km² of pure desert, and there, she built Auroville. Then, the architect Roger Anger designed a galaxy-like pattern in the land for the community.

At first, only Mirra's followers lived in Auroville, but with the pass of time people of different nearby villages decided to move here. In the end, even UNESCO, the ONU and the Indian government heard of the city and helped them out.

The city is very carefully organized around the Matrimandir, a meditation space that took around 37 years to build. Surrounding Matrimandir, there is a bigger circle divided into four parts. One of them is the international zone, the next one is an industrial zone and also a cultural zone. Half of this circle is dedicated to a residential area where 3500 inhabitants live, each house with a different architectonic style and different decorations.

This zone is called the green belt. I should also point out that the land where the trees are at used to be a desert and now it's an ever-green forest. Last but not least, there's a last circle that surrounds the one I just mentioned where over 100 species of trees are planted.

Besides, it seems necessary to highlight the fact that over 40 different nationalities live together in Auroville, from the Indians to the Spanish, and from the Russians to the Chinese. But how do they live?

Before Mirra's death in 1973 she was the one who ruled the city, but afterwards different organizations started to take care of the city together following her philosophy. Referring to capital, each person makes 225\$ per month, regardless of their job. Nevertheless, there's no cash. Furthermore, each person can choose their own religion. Yet, most people just meditate. In addition, education is based on the importance of the environment and respect towards each other.



And even if it was supposed to be just an experiment, nowadays they try to be self-sufficient and produce 50% of the things they consume. They also focus on using renewable energies, such as hydraulic and solar energy.

In a nutshell, Auroville understands being self-sufficient and peaceful as the basis for their society.

And even if this community wasn't meant to succeed as a city, they're on their way to being self-sufficient while being eco-friendly and not having ready money nor ministers. All things being said, have your say!

Would you like to live here or do you reckon it's a useless experiment?



CARLA NAVEIRAS & INÉS GARCÍA - 30

Queen Elizabeth II



Birth

She was born on April 21, 1926 in London, the daughter of George VI and Isabel Bowes-Lyon.

The Silver Jubilee

On April 5, 1977, Elizabeth celebrated her 25 years on the throne.

Anus Horribilis

This is the speech that the queen gave in December 1992. It is named for all the bad things that happened that year, such as: the fire at Windsor Castle.

Heir to the throne



In the year 1936 Elizabeth became crown princess, because King Edward VIII abdicated to marry an American. This made his brother the new monarch and his niece the crown princess. Elizabeth married Philip of Mountbatten (Duke of Edinburgh) on November 20, 1947.

Her third son

Prince Andrew (Duke of York) was born on February 19, 1960.

The Golden Jubilee

Elizabeth celebrated her 50 years on the throne in 2002. She turned 90 years old in 2016.

The coronation



She was crowned on June 2, 1953 as Queen of the United Kingdom and Northern Ireland. It was held in Westminster Abbey.

Her husband dies

On April 9, 2021, her husband died at the age of 99. She was married to him for 73 years.

Her first son

On November 14, 1948, Charles III and current King of the United Kingdom was born.

Her first daughter

On August 15, 1950, their daughter Anne, Princess Royal of the United Kingdom, was born.

The queen dies



On October 8, 2022, she died at Balmoral Castle in Scotland at the age of 96.