

PM SHRI KENDRIYA VIDYALAYA
SAP THIRUVANANTHAPURAM

CELESTIAL

Body

Class XII B
(2026-2027)

ACKNOWLEDGEMENT

We are delighted to present this year's school magazine, which reflects the creativity, talent, and hard work of our students and staff.

We sincerely thank our class teacher for inspiring and motivating students to showcase their talents through articles, poems, stories, drawings, and other creative contributions.

We also extend our appreciation to the Editorial Committee for their dedication, patience, and teamwork in compiling and editing the magazine.

A special thanks to all the students whose enthusiastic participation has made this publication meaningful and vibrant.

Finally, we thank everyone who contributed directly or indirectly to the enjoyable and memorable keepsake for all our readers. successful completion of this magazine. We hope this edition will be an

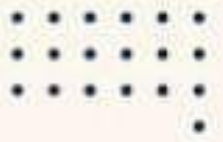
MESSAGE FROM CLASS TEACHER

Dear Students,

This magazine is a beautiful collection of your hard work, ideas, and talents. I am happy to see your creativity and efforts. Keep learning, keep trying new things, and always believe in yourself. Wishing you all success and happiness in the years ahead.

With best wishes

MAYA R



LANGUAGE

— THE KEY TO CONNECTION —



ROOTS AND WINGS

“Give children two things: one is roots and the other is wings.” This timeless thought captures the greatest gift one generation can offer to the next. In today’s rapidly changing world, where technology evolves overnight and trends come and go in a blink of an eye, the new generation needs both - a strong foundation and the freedom to dream.

Our roots are our identity. They are our family, values, traditions, culture, language and the lessons passed down by parents, grandparents and teachers. These roots teach us respect, kindness, honesty and resilience. They remind us where we come from and help us stay grounded, even when life gets uncertain. A tree with deep roots can withstand the strongest storms, and so can a person with strong values.

Our wings represent ambition, creativity, innovation, and the courage to explore new horizons. Today’s youth are growing up in a world of artificial intelligence, global connectivity, and limitless opportunities. They are entrepreneurs, inventors, artists, scientists, and changemakers. With access to knowledge at their fingertips, they have the power to solve problems that previous generations could only imagine. Their wings enable them to soar beyond boundaries, challenge outdated ideas, and shape a better future.

However, wings without roots can cause confusion and roots without wings can limit growth. The true strength lies in balancing both. Young people must embrace modern ideas without losing sight of their heritage. They should welcome technology while preserving human values, celebrate diversity while respecting their own identity and chase global dreams while remaining connected to their communities.

Education plays a vital role in nurturing both wings and roots. Schools are not merely centers of academic learning but places where character is built, talents are discovered and confidence is nurtured. Teachers inspire curiosity, encourage critical thinking, and instill values that last a lifetime. Families too, provide the emotional support and guidance that help children spread their wings with confidence.

The new generation is already proving that age is no barrier to making a difference across the world, young people are leading environmental campaigns, developing innovative technologies, creating social enterprises, and using their voices to promote equality and justice. They remind us that the future is not something to wait for – it is something to create .

As we prepare tomorrow's leaders, let us give them the wisdom of the past and the courage for the future. Let us nurture roots that keeps them grounded and wings that help them reach the skies.

For when young minds carry strong values and fearless dreams together, they do not merely inherit the world- they transform it.

– SAINA SINGH 12TH B



A LEAF'S PASSAGE

Born in the dark woods,
With the gentle breeze welcoming my arrival,
I held on tight,
As I never wanted to leave.

I enjoyed more being a leaf,
Pampered by the breeze,
Bathed by the rain,
Sunlight dabbing me,
Grew with an ease,

Time passed,
I began to grow, from tender green to dark green,
Many fell off, many were too,
Glowing in the sunlight,
Green to gold.

I was no more pampered,
My legs weakened,
No more, strong enough to hold on,
I felt like to fall off.

Grew older,
Many wind blew off,
Never wanted to fall off,
Never thought of too.



Beyond the Unknown

Have you ever wondered why some mysteries remain unsolved despite centuries of research? From vanished ships and cryptic manuscripts to strange signals from outer space, our world is filled with puzzles that continue to challenge scientists, historians, and explorers alike. While some mysteries have found logical explanations, others still leave us searching for answers. Join us as we journey into the unknown and explore some of the world's most fascinating mysteries—where curiosity meets science, and every question leads to another.



The Bermuda Triangle: Mystery or Myth?

The Bermuda Triangle is a region in the North Atlantic Ocean bounded roughly by Miami, Bermuda, and Puerto Rico. It became famous because numerous ships and aircraft were reported to have disappeared there under mysterious circumstances.

Some people believe that magnetic anomalies interfere with navigation, while others suggest giant methane gas bubbles or even extraterrestrial activity.



The Nazca Lines – Ancient Art in the Desert

The Nazca Lines are enormous drawings carved into the desert floor of southern Peru. They depict animals, plants, and geometric shapes and are so large that they can best be seen from the air.

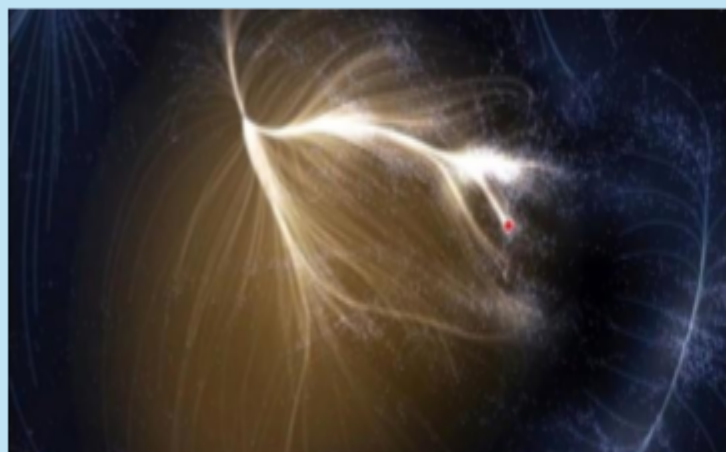
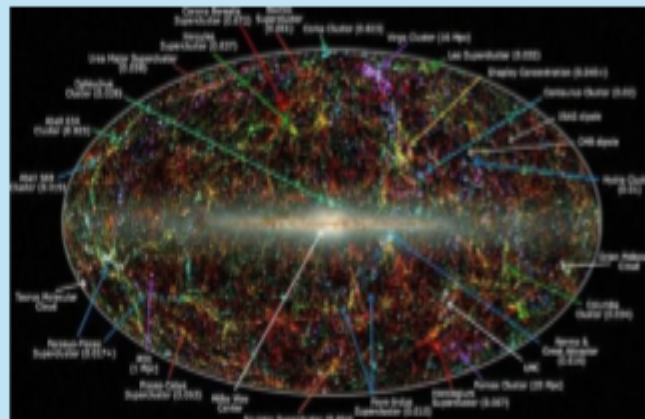
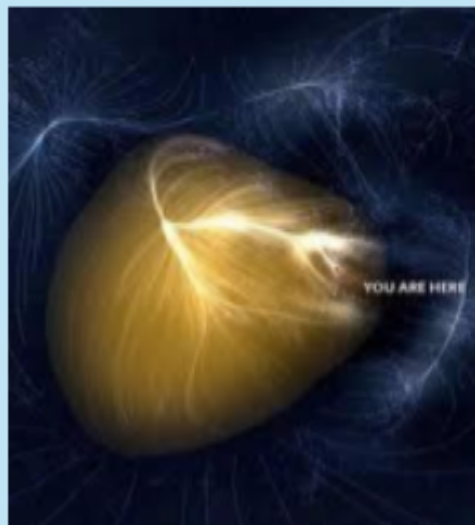
Researchers believe the Nazca people created them over 1,500 years ago by removing dark stones to reveal lighter soil beneath. Their exact purpose is still debated. Some think they were used for religious ceremonies or astronomical observations, while others believe they marked important routes or water sources.



The Great Attractor – The Invisible Giant

Astronomers have discovered that our Milky Way and thousands of nearby galaxies are moving toward a mysterious region in space known as the Great Attractor. Although it exerts an enormous gravitational pull, much of it is hidden behind the dense stars and dust of our own galaxy.

Scientists believe it is caused by an immense concentration of galaxies and dark matter, but its exact structure is still being studied. It reminds us that the universe contains many unseen forces waiting to be understood.



Blood Falls – Antarctica's Red Waterfall

At first glance, Blood Falls looks like a waterfall of blood flowing from a glacier in Antarctica. Early explorers found it mysterious and frightening.

Scientists later discovered that the red colour comes from iron-rich saltwater trapped beneath the glacier for millions of years. When the water reaches the surface, the iron reacts with oxygen and turns red, much like rust forming on metal. It is a remarkable example of how science can explain what first appears supernatural.



Malavika M Rajeev

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Journey Into Realms of Magic: A Beginner's Guide to Hindu Mythology

By VAISHNAV.S

Have you ever wondered why Lord Ganesha has an elephant head? Or why we celebrate Diwali with lights? If so, you are curious about Hindu mythology—a spectacular collection of ancient stories filled with powerful gods, clever goddesses, magical animals, and epic battles.

Mythology isn't just a set of stories; it's a living map that has guided millions of people on how to live with courage, kindness, and wisdom for thousands of years. Let's step into this magical realm.

Meet the Cosmic Team: The Trinity and the Force

At the heart of these stories is a unique idea: the ultimate divine force (sometimes called **Brahman**) can take infinite forms. Think of it like a single beam of light passing through a prism and becoming a rainbow.

The most famous of these forms are the **Trimurti**, or the Hindu Trinity. Each has a special job:

Brahma (The Creator): With four heads looking in all directions, he is the designer of the universe, bringing it into existence.

Vishnu (The Preserver): He is the guardian who maintains order and balance. Whenever the world is in trouble, he appears on Earth in a new form, or **avatar**.

Shiva (The Transformer): He is the master of meditation and dance. Shiva doesn't just destroy; he clears away the old so the new can begin.



But the Trinity isn't alone! The universe also needs **Shakti**—the female force of power, energy, and wisdom. This force appears in many loved forms, from the gentle **Lakshmi** (Goddess of Wealth) and wise **Saraswati** (Goddess of Learning) to the fierce warrior **Durga**, who rides a lion to protect the innocent.

Tales of Heroes and Lessons

Hindu mythology is special because its stories are also classrooms. They teach us about **Dharma** (duty and righteousness) and **Karma** (that our actions have consequences).

1. **The Great Obstacle-Remover: Lord Ganesha** Have you ever started something new—a new class, a new game, or even a



new day—and prayed to Ganesha? His story teaches us that true wisdom can overcome any hurdle.

One famous story explains his unique appearance. While his father, Shiva, was away, his mother, Parvati, created Ganesha to guard her. When Shiva returned and didn't recognize the guard, a conflict arose. Through divine intervention, Ganesha's original head was replaced with an elephant's. Ganesha became the Lord of Beginnings and the Remover of Obstacles, showing that we can be strong and wise even when things change.

2. *The Humble Winner: The Dwarf Avatar* This story is about King Mahabali, a powerful ruler who was generous but very proud. To help him learn humility, Vishnu took the form of *Vamana*, a small dwarf.

Vamana approached the king and asked for only as much land as he could measure in three strides. The king, seeing Vamana's size, laughed and agreed. In that instant, Vamana grew to cosmic proportions. His first step covered the entire earth. His second step covered the sky. When there was nowhere left, King Mahabali, now humble, realized his mistake and offered his own head for the third step. Vamana, pleased, granted him immortality as a righteous ruler.

How We Experience the Magic Today

Mythology isn't just about ancient times; it is part of our daily lives.

Festivals: Diwali celebrates the return of Lord Rama after his victory of devotion and the arrival of spring.

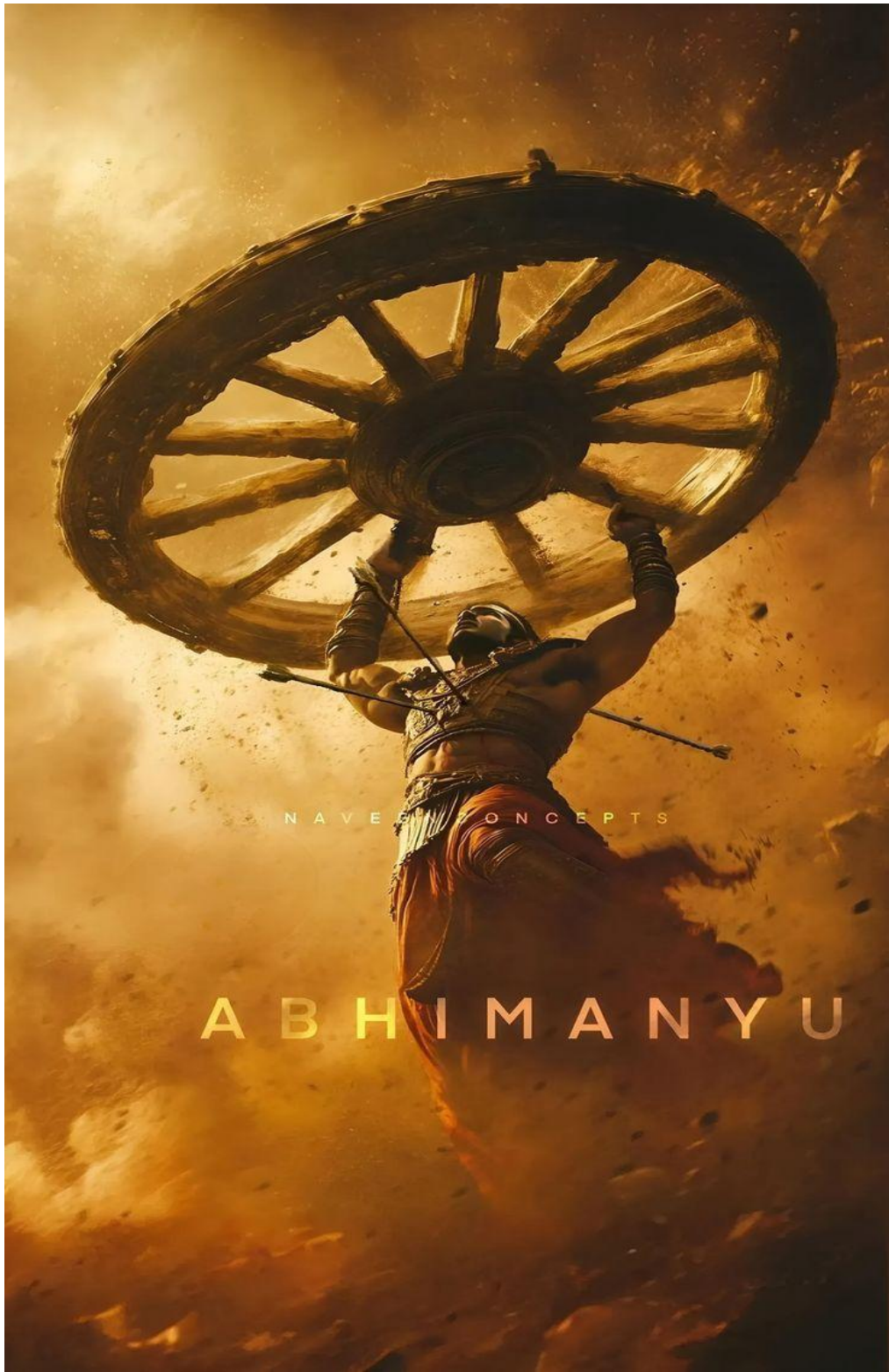
Names: Many of our friends have names like Krishna, Sita, Arjun, or Lakshmi—all characters from mythology.

Books and Games: There are countless comic books, cartoon shows, and even video games based on these stories!



Abhimanyu

The Immortal Warrior Who Chose Courage Over Fear



NAVER CONCEPTS

ABHIMANYU

The pages of the great Indian epic *Mahabharata* are filled with stories of mighty kings, legendary warriors, and unforgettable battles. Among all these powerful figures, one name shines with a unique brilliance — **Abhimanyu**, the young warrior whose courage became immortal. Though his journey on earth was short, his bravery, determination, and sacrifice made him one of the most respected heroes of Indian mythology.

Abhimanyu was the son of the great archer **Arjuna** and **Subhadra**, the sister of Lord Krishna. Born into the noble family of the Pandavas, he carried the legacy of warriors in his blood. From his childhood, Abhimanyu showed extraordinary intelligence, confidence, and courage. He was not only gifted with physical strength but also possessed the sharp mind and discipline required to become a great warrior.

It is said that while still in his mother's womb, Abhimanyu learned the secrets of warfare. When Arjuna was explaining the method of entering the powerful battle formation called the **Chakravyuha**, Abhimanyu listened carefully. However, the story says that he could not learn the complete method of escaping from it. Even with this incomplete knowledge, destiny prepared him for one of the greatest moments of bravery ever witnessed on the battlefield.

The Kurukshetra War was a battle between justice and injustice, fought between the Pandavas and the Kauravas. Every day of the war brought new challenges, but the thirteenth day became one of the most remembered days in history because of Abhimanyu's extraordinary courage.

On that day, the Kaurava army formed the deadly Chakravyuha — a complex and powerful formation that was almost impossible to break. The Pandava warriors faced a difficult situation as they needed someone who

could enter and challenge this formation. At that moment, young Abhimanyu stepped forward.

Many may have seen his young age as a weakness, but Abhimanyu saw it as his responsibility. He knew the dangers ahead, yet he did not allow fear to control him. With determination in his eyes and his weapons ready, he entered the battlefield, carrying the hopes of the Pandava army.

As he entered the Chakravyuha, Abhimanyu displayed the skills of a warrior far beyond his years. His arrows moved like lightning, and his confidence shocked the enemy warriors. He fought against some of the most powerful fighters of the time and proved that courage is not measured by age or experience.

The battlefield witnessed an incredible display of bravery. Abhimanyu fought with unmatched energy and refused to give up even when the situation became extremely difficult. His determination inspired those around him and showed the true meaning of a warrior's spirit.

However, the battle was unfair. Abhimanyu was surrounded by many powerful opponents, and despite facing overwhelming challenges, he continued to fight with courage and honour. His final moments became a symbol of sacrifice and bravery. He showed that a true hero is someone who stands firm even when the path ahead is difficult.

The story of Abhimanyu is not only about a battle; it is about the power of courage, responsibility, and self-belief. He teaches us that greatness does not depend on how many years a person lives, but on the values and actions they leave behind.

Abhimanyu's life reminds us that challenges should not make us run away. Instead, they should awaken the courage within us. His fearless attitude continues to inspire generations to face difficulties with confidence and determination.

Even after thousands of years, the name Abhimanyu remains alive. He is remembered as the young warrior who entered an impossible battle, not because he was fearless, but because his duty was greater than his fear.

Abhimanyu was not just a warrior of the Mahabharata; he was a symbol of courage, sacrifice, and the unstoppable power of a brave heart. His story proves that even a short life filled with honour can create an eternal legacy.



The Silent Language of Trees 🌿

Trees have been a part of our planet far longer than humans. They stand tall, rooted to the earth, silent yet full of wisdom. Though they do not speak, they communicate in their own beautiful way. This is the silent language of trees.

Trees talk to each other through their roots. Yes, through the underground network of fungi, they share water, nutrients and even warnings about danger. When one tree is attacked by insects, it sends signals to others, and they start preparing themselves. This shows that trees care for each other like a family.

They also communicate with us. A shady tree on a hot day, the cool breeze that passes through the leaves, the flowers that bloom to bring us joy, and the fruits that nourish us - these are their ways of expressing love and gratitude. Trees give us oxygen to breathe, clean the air we live in, protect the soil from erosion and provide shelter to countless living beings. They ask for nothing in return.

In today's busy world, we often forget to listen to this silent language. We cut trees for our needs and in the process, we harm our own future. If we learn to understand and respect the language of trees, we will realize that they are not just part of nature - they are our lifeline.

Let us promise to protect trees and give back to nature. When we care for trees, they will continue to care for us in their silent, gentle way.



Trees may not speak in words, but they have their own ways of communication. Through their roots, they are connected to each other like a big natural network under the ground. Scientists have discovered that trees send signals to one another through tiny fungi called mycorrhizae. When a tree is attacked by insects, it warns the other trees nearby so that they can protect themselves. This is truly a silent language of love and care.

Trees also show us the meaning of patience. From a tiny seed to a tall tree, they take years to grow. They do not hurry, yet they achieve greatness. They teach us that good things in life take time and effort. A tree that stands for decades has seen many seasons, many storms and many changes, yet it keeps standing strong.

Every part of a tree is useful. The leaves give us shade and food. The fruits give us energy and nutrition. The wood helps in building homes, making furniture and many other things. Even when a tree dies, it continues to help by returning to the soil and becoming a part of it. Trees never take; they only give. They are the best example of selfless living.

Trees also play an important role in our environment. They take in carbon dioxide, a gas that causes global warming, and release oxygen, which we need to live. They help in maintaining the balance of nature. Without trees, the earth would become too hot, the air would be impure and life would not be possible.

In our busy lives, we often forget to connect with nature. We spend more time with machines and less with trees. But when we sit under a tree, we feel peace that cannot be explained. The cool breeze, the sound of leaves and the sight of green around us calm our mind and heal our soul. Trees are nature's way of taking care of our mental and emotional health.

Different trees have different qualities and teach us different lessons. The banyan tree teaches us strength and unity. The bamboo teaches us flexibility. The coconut tree teaches us usefulness in all situations. Each tree has a story, a purpose and a message for us.

Sadly, today we are losing trees at a fast pace. Forests are being cut down for buildings, roads and industries. This is harming animals, birds and the entire ecosystem. If we continue this way, we are not just destroying trees, we are destroying our future.

We must understand that planting a tree is planting hope. Even a small step, like planting one tree, can make a big difference. We should also take care of the trees around us and protect them from being harmed.

Trees may be silent, but they have so much to say. They speak of love, care, sacrifice, patience and protection. Let us learn to listen to their silent language and promise to be their friends for life.

जब मशीन सोचने लग :AI का नया युग:

1 कल्पना क जए एक ऐसी दुनिया क जहा .बदलती दुनिया म AI क भूँ मशीन क मूक केवल आदः-ेश का पालन नह करत ,

बल्क सोचती ह, सीखती ह और नणय भी लेती ह। सुनने म यह कसी वान-कथा जैसा लग सकता है, लेकिन यह आज क वास्तविकता है। कृत्रिम बुद्धिमत्ता (Artificial Intelligence - AI) आधुनिक तकनीक का कदम बन चुका है और हमारे जीवन के लगभग हर पहलू को प्रभावित कर रही है।



क्या आप जानते हैं?

'Artificial Intelligence' था।

शब्द का पहली बार उपयोग 1956 में किया गया

आज AI केवल एक उन्नत तकनीक नहीं, बल्क एक शक्तिशाली प्रणाली बन चुका है जो मशीन को डेटा समझने, विश्लेषण करने और अनुभव से सीखने की क्षमता देता है। सुबह फोन को चेहरे से अनलॉक करने से लेकर ऑनलाइन सुझाव प्राप्त करने तक, AI हमारी दैनिक दिनचर्या का हिस्सा बन चुका है।

AI का प्रभाव चिकित्सा, शिक्षा, उद्योग, परिवहन तथा संचार जैसे अनेक क्षेत्रों में स्पष्ट रूप से देखा जा सकता है। चिकित्सा के क्षेत्र में यह रोग की पहचान को अधिक सटीक और तुरंत बना रहा है। शिक्षा में यह छात्रों को उनकी व्यक्तिगत क्षमता और गति के अनुसार सीखने में

सहायता कर रहा है। स्वचालित वाहन, वचुअल असस्टेंट और स्मार्ट तकनीक AI के तेज़ प्रगत के प्रमुख उदाहरण हैं।

प्रगत के साथ बढ़ते प्रश्न:-

हालाँकि, हर प्रगत अपने साथ नई चुनौतियाँ भी लाती है। AI के बढ़ते उपयोग ने कई महत्वपूर्ण प्रश्न खड़े किए हैं। सबसे बड़ी चिंता रोजगार को लेकर है, क्योंकि अनेक नए मत कायम अब मशीन द्वारा किए जा सकते हैं। इससे भविष्य में रोजगार के अवसर पर प्रभाव पड़ने का आशंका है।

रोचक तथ्य:

⚡ AI आधारित तकनीक डॉक्टर को कसर जैसी बीमारियों का शुरुआती पहचान में सहायता कर रही है।

इसके अतिरिक्त, डेटा सुरक्षा और गोपनीयता भी गंभीर चिंता का विषय बन चुके हैं। यदि AI का उपयोग नियंत्रण और नए तक सीमाओं के बिना किया जाए, तो इसके दुरुपयोग की संभावना बढ़ सकती है। 'डीपफेक' जैसी तकनीक गलत सूचनाओं को तर्जनी से फैलाने का माध्यम बन सकती है। एक और चिंता यह भी है कि अत्यधिक निर्भरता मनुष्य की स्वतंत्र सोच और नणय लेने की क्षमता को प्रभावित कर सकती है।

ध्यान दें :



Deepfake तकनीक AI का ही हिस्सा है और इसका गलत उपयोग भ्रम फैला सकता है।

भविष्य हमारे हाथ में है

अतः प्रश्न यह नहीं है कि AI वरदान है या अभशाप, बल्कि यह है कि मानव इसका उपयोग कैसे देखेगा। तकनीक स्वयं नहीं होती है, न बरुनी; उसका प्रभाव उसके उपयोगकर्ता तय करते हैं।

नष्कषत ः, कृ मबु म ामानवसभ्यताके लए एक असाधारण अवसर है। य द इसका उपयोग ववेक, नै तकता और जम्मेदारीके साथ कया जाए, तो यह समाजको नई ऊँ चाइय तक ले जा सकती है। भ वष्यका वास्त वक प्रश्न यह नह है क AI कतना बु मान बनगे ा, ब क यह ैह ै क मनुष्य उसका उपयोग कतनी बु मानी से करेगा ा।

रोचक तथ्य:



कु छ AI सिस्टम इतनी तेजी से गणनाएं कर सकते हैं कि वे एक सेकंड में लाखों डेटा बिंदुओं का विश्लेषण कर लेते हैं।

SivaNanda R S

XII B

महाभारत के पंच पांडव: जीवन, संघर्ष और धर्म की गाथा

महाभारत भारत का एक महान महाकाव्य है, जिसमें धर्म, सत्य, कर्तव्य, राजनीति और जीवन के अनेक गहरे संदेश दिए गए हैं। महाभारत का मुख्य संघर्ष कौरवों और पांडवों के बीच हुआ, जिसे कुरुक्षेत्र का युद्ध कहा जाता है। पांडु के पाँच पुत्रों को पंच पांडव कहा जाता है — युधिष्ठिर, भीम, अर्जुन, नकुल और सहदेव। ये पाँचों अपने अलग-अलग गुणों, शक्तियों और स्वभाव के लिए प्रसिद्ध थे।



1. युधिष्ठिर – धर्मराज

युधिष्ठिर पंच पांडवों में सबसे बड़े भाई थे। उनकी माता का नाम कुंती था और वे धर्म देव के आशीर्वाद से जन्मे थे। वे सत्य, न्याय और धर्म के मार्ग पर चलने वाले व्यक्ति थे, इसलिए उन्हें धर्मराज कहा जाता था।

युधिष्ठिर बचपन से ही शांत, बुद्धिमान और न्यायप्रिय थे। वे कभी झूठ नहीं बोलते थे और हर परिस्थिति में धर्म का पालन करने का प्रयास करते थे।

लेकिन उनके जीवन में एक बड़ी परीक्षा तब आई जब कौरवों ने उन्हें जुए के खेल में हराया। शकुनि की चाल के कारण उन्होंने अपना राज्य, धन और यहाँ तक कि अपने भाइयों और द्रौपदी को भी दाँव पर लगा दिया। इसके बाद पांडवों को 13 वर्ष का वनवास मिला।

कुरुक्षेत्र युद्ध में युधिष्ठिर ने पांडव सेना का नेतृत्व किया। उन्होंने युद्ध में कई कठिन निर्णय लिए। युद्ध के बाद वे हस्तिनापुर के राजा बने और न्यायपूर्वक शासन किया।

विशेष गुण:

सत्य बोलना

धैर्य

न्यायप्रियता

धर्म का पालन

2. भीम – शक्ति और साहस के प्रतीक



भीम पंच पांडवों में दूसरे भाई थे। उनका जन्म वायु देव के आशीर्वाद से हुआ था। वे अपनी असाधारण शक्ति और वीरता के लिए प्रसिद्ध थे।

भीम बचपन से ही बहुत शक्तिशाली थे। कौरवों ने कई बार उन्हें नुकसान पहुँचाने की कोशिश की, लेकिन वे हर बार बच गए।

भीम के पास उनकी प्रसिद्ध गदा थी। वे युद्ध कला में बहुत निपुण थे। उन्होंने कई शक्तिशाली योद्धाओं को हराया।

कुरुक्षेत्र युद्ध में भीम ने कौरवों के अनेक योद्धाओं का सामना किया। उन्होंने दुर्योधन को गदा युद्ध में हराया। उन्होंने अपनी प्रतिज्ञा पूरी की जो उन्होंने द्रौपदी के अपमान के समय ली थी।

विशेष गुण:

अद्भुत शक्ति

साहस

अपने परिवार के प्रति प्रेम

अन्याय के विरुद्ध खड़े होना

3. अर्जुन – महान धनुर्धर



अर्जुन पंच पांडवों में तीसरे भाई थे। उनका जन्म इंद्र देव के आशीर्वाद से हुआ था। वे बचपन से ही युद्ध कला और धनुर्विद्या सीखने में बहुत रुचि रखते थे।

अर्जुन ने अपने गुरु द्रोणाचार्य से शिक्षा प्राप्त की। वे इतने कुशल धनुर्धर बने कि उनकी तुलना किसी से नहीं की जा सकती थी। गुरु द्रोण ने उन्हें सबसे श्रेष्ठ शिष्य माना।

अर्जुन ने मत्स्य वेध करके द्रौपदी का स्वयंवर जीता था। उनके पास प्रसिद्ध धनुष गांडीव था, जो उन्हें अग्नि देव से प्राप्त हुआ था।

कुरुक्षेत्र युद्ध में अर्जुन पांडव सेना के सबसे महत्वपूर्ण योद्धाओं में से एक थे। युद्ध शुरू होने से पहले वे अपने ही रिश्तेदारों और गुरुओं के सामने युद्ध करने में दुखी हो गए। तब श्री कृष्ण ने उन्हें भगवद गीता का ज्ञान दिया और उन्हें अपने कर्तव्य का महत्व समझाया।

अर्जुन ने युद्ध में भीष्म, कर्ण और कई महान योद्धाओं का सामना किया। उन्होंने कर्ण को युद्ध में पराजित किया।

विशेष गुण:

अद्भुत धनुर्विद्या

एकाग्रता

साहस

अपने कर्तव्य के प्रति समर्पण

4. नकुल – सुंदरता और तलवार विद्या के ज्ञाता



नकुल पंच पांडवों में चौथे भाई थे। उनका जन्म अश्विनी कुमारों के आशीर्वाद से हुआ था। उनकी माता माद्री थीं।

नकुल अपनी सुंदरता, विनम्र स्वभाव और युद्ध कौशल के लिए प्रसिद्ध थे। वे विशेष रूप से तलवार चलाने और घोड़ों की देखभाल में निपुण थे।

कुरुक्षेत्र युद्ध में नकुल ने पांडवों की ओर से वीरता से युद्ध किया और कई शत्रु योद्धाओं को हराया।

विशेष गुण:

विनम्रता

सुंदर व्यक्तित्व

युद्ध कौशल

5. सहदेव – बुद्धिमान और ज्ञानी योद्धा



सहदेव पंच पांडवों में सबसे छोटे भाई थे। वे भी अश्विनी कुमारों के आशीर्वाद से जन्मे थे।

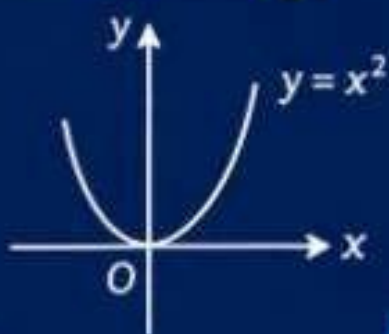
सहदेव बहुत बुद्धिमान और ज्ञानी थे। उन्हें ज्योतिष और भविष्य की जानकारी का भी ज्ञान था। कहा जाता है कि उन्हें कई घटनाओं का अनुमान पहले से था, लेकिन उन्होंने धर्म के कारण सब कुछ नहीं बताया।

कुरुक्षेत्र युद्ध में सहदेव ने वीरता से युद्ध किया और कौरवों के विरुद्ध लड़ाई लड़ी।

विशेष गुण:

By.Sreehari A S Ravi

$\sqrt{a}$



$a^2 + b^2 = c^2$

 π

+

○

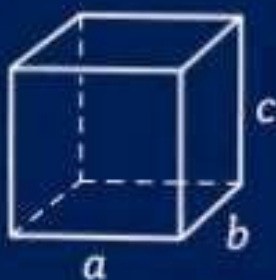
×

MATHS

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$\sum_{k=1}^n k$$

$f(x) = mx + c$



+

THE MIND-BENDING MATRIX

The Ultimate Secondary School Puzzle Championship • Special Magazine Edition

Welcome, Mathletes! Mathematics isn't just about formulas, spreadsheets, and endless calculations. It is the ultimate language of logic, patterns, and universe-scale riddles. We have gathered 12 of the most captivating, visually stunning, and intellectually stimulating puzzles designed specifically for secondary school students. Grab a pencil, put on your thinking cap, and let's see how many you can solve before turning to the solutions section!

Section 1: Number Patterns & Algebraic Logic

Let's kick things off with puzzles that test your number sense, algebraic structuring, and deductive reasoning. Things are rarely as simple as they first appear!

PUZZLE 1: THE CRYPTIC EQUATION

EASY

In the following classic addition problem, every single letter represents a completely unique digit from 0 to 9. Can you decipher the code and find the numerical value of each letter?

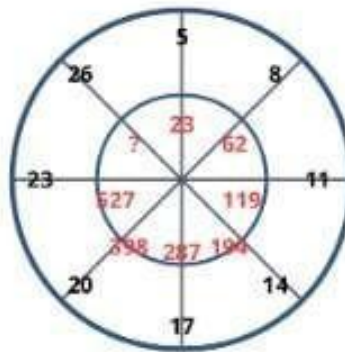
$$\begin{array}{r} \text{SEND} \\ + \\ \text{MORE} \\ \hline \text{MONEY} \end{array}$$

Hint: Think about what happens when you add two 4-digit numbers. What is the maximum possible value that can carry over into the fifth column?

PUZZLE 2: THE MAGIC NUMBER WHEEL

MEDIUM

Look carefully at the distribution of numbers across the wheel below. A highly specific mathematical relationship binds the outer segments to the inner segments. Find the pattern to discover the missing value marked by the question mark (?).



Hint: Look at the relationship between the outer number and the inner number directly across or directly adjacent to it. Try squaring or multiplying numbers!

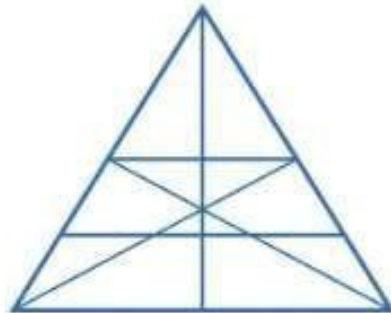
Section 2: Geometric & Visual Paradoxes

Geometry tests your spatial visualization skills. These problems require you to manipulate dimensions and shapes in your mind's eye.

PUZZLE 3: THE INTERSECTING TRIANGLE HUNT

MEDIUM

How many total triangles of any size exist within the intricately constructed geometric figure shown below? Be careful not to double-count, and make sure to look for hidden overlapping layers!

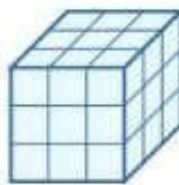


Hint: Group your search systematically. First count small single-region triangles, then count combinations built out of two segments, three segments, and so forth.

PUZZLE 4: THE 3D PAINTED CUBE ILLUSION

HARD

A solid wooden cube measuring **3 times 3 times 3** centimeters is fully coated in glossy bright blue paint on all six external faces. The large cube is then sliced cleanly into 27 individual smaller cubes, each measuring exactly **1 times 1 times 1** centimeter.



Determine the following properties of the newly cut individual small blocks:

- How many small cubes have exactly **three** faces painted blue?
- How many small cubes have exactly **two** faces painted blue?
- How many small cubes have exactly **one** face painted blue?
- How many small cubes have absolutely **zero** paint on them?

Section 3: Matchstick Mayhem & Optimization

Sometimes math requires changing your perspective entirely. These optimization and restructuring puzzles challenge your ability to adapt constraints.

PUZZLE 5: THE MATCHSTICK EQUATION REARRANGEMENT

EASY

The matchstick setup below displays an obviously incorrect mathematical statement: $6 + 4 = 4$. Can you fix the equation so it is perfectly true by moving **exactly one single matchstick**? (Altering the equals sign into a "not equals" sign is prohibited!)

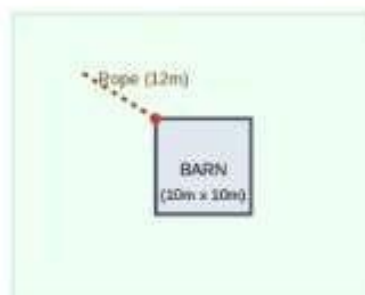
$$6 + 4 = 4$$

Hint: You can either change the first number '6', the middle number '4', or the resulting value to completely invert the formula's outcome.

PUZZLE 6: THE GRAZING GOAT DILEMMA

HARD

A farmer hitches a goat to a long rope tied securely to the very outer corner of a square stone barn. The barn measures exactly $10 \text{ meters} \times 10 \text{ meters}$ and sits in the middle of a vast, lush grassy field. If the rope is precisely 12 meters long, calculate the total area of fresh grass the goat can reach to feed on.



Leave your answer in terms of pi (π). Remember: when the goat moves past the edges of the square barn structure, the rope will catch on the corner pins and wrap tightly around the sides, reducing its effective remaining length!

Section 4: Logic, Probability & Critical Analysis

Pure logical processing separates great problem-solvers from memory-based learners. Let's look at how text scenarios map directly into standard truth tables.

PUZZLE 7: THE ISLAND OF KNIGHTS & KNAVES

MEDIUM

You find yourself stranded on a mystical tropical island inhabited exclusively by two categories of people: **Knights** (who speak nothing but absolute truths in all situations) and **Knaves** (who state absolute lies without fail).

You meet three local islanders named Arthur, Beatrice, and Charles standing along a path. They speak as follows:

- **Arthur says:** "All three of us are knaves!"
- **Beatrice says:** "Exactly one of us is a true knight."
- **Charles:** Remains totally silent.

Can you definitively prove what identities Arthur, Beatrice, and Charles hold?

PUZZLE 8: THE INFAMOUS THREE-DOOR DILEMMA

HARD

You are competing on a live game show. The host displays three closed identical wooden doors in front of you. Behind exactly one door lies a brand new sports car; behind the other two doors stand regular farm goats.

1. You step forward and select **Door #1**.
2. The game show host, who knows exactly what hides behind each door, opens **Door #3** to reveal a loud goat.
3. The host turns to you and asks: "Would you like to stick with your original choice, Door #1, or switch over to Door #2?"

From a mathematical and statistical perspective, does switching doors increase your probability of winning the vehicle, or are the odds split perfectly at 50/50 regardless of your choice?

Hint: Map out the full space of outcomes. What was the probability that you picked the right door on step 1? What happened to the remaining probability space after a goat was eliminated?

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PUZZLE 9: THE CLOCK FACE HANDS CONUNDRUM

MEDIUM

An analog wall clock ticks uniformly throughout the day. At exactly 12:00 midnight, the hour hand and the minute hand align perfectly, directly overlapping one another. Calculate exactly how many times these two clock hands overlap during a complete 24-hour day cyclical window.

Warning: The answer is not 24! Think carefully about the relative moving velocity of both hands.

The Master Answer Key & Explanations

How well did you perform? Below are the step-by-step rigorous solutions and mathematical proofs behind each of the 9 challenges presented in this magazine special.

Solution 1: The Cryptic Equation ($\text{ext}\{\text{SEND}\} + \text{ext}\{\text{MORE}\} = \text{ext}\{\text{MONEY}\}$)

The answer is $9567 + 1085 = 10652$.

Step-by-step Proof: Adding two four-digit numbers can at most produce a carry-over value of 1 into the ten-thousands column. Therefore, $M = 1$ automatically. Looking at the column $S + M = O$, since $M = 1$, S must be 9 to force a carry-over or 8 with a carry from the next column over. Through structural deduction, O is established as 0. This quickly unlocks the remaining assignments: $S=9, E=5, N=6, D=7, M=1, O=0, R=8, Y=2$.

Solution 2: The Magic Number Wheel

The missing value is 2.

The Underlying Formula: The value in the inner circle segment is equal to the square of the outer circle's directly clockwise adjacent number, minus 2. Alternatively, following the inner progression: they map to the mathematical expression $(x^2 - 2)$ where x is the outer value. For the target cell adjacent to outer 5: $2^2 - 2 = 2$. Moving to the next: $5^2 - 2 = 23$; then $8^2 - 2 = 62$; then $11^2 - 2 = 119$, and so on.

Solution 3: The Intersecting Triangle Hunt

There are exactly **27 triangles** hidden within the figure.

To count them accurately without error, split the configuration up by scale: there are 12 small independent single-cell triangles, 6 medium triangles formed by joining two basic segments, 4

Knight and a Knave simultaneously). Thus, Arthur's statement is false, proving Arthur is a Knave. Since Arthur is a Knave, it is false that all three are Knaves, meaning there is at least one Knight present. Beatrice claims exactly one person is a Knight. If Beatrice were a Knave, her statement would be false, forcing Charles to be a Knight (since someone must be). But that would make exactly one person a Knight, meaning Beatrice's statement would actually be true, creating another contradiction. Thus, Beatrice must be a true Knight, leaving Charles as the final Knave.

Solution 8: The Infamous Three-Door Dilemma (The Monty Hall Problem)

You must absolutely switch doors! Switching doubles your chance of winning from $1/3$ to $2/3$.

When you initially choose Door #1, you have a $1/3$ chance of hitting the sports car, and a $2/3$ combined chance that the car is hidden behind either Door #2 or Door #3. The host then intentionally filters out a losing option (a goat) from the remaining two doors. The combined $2/3$ probability space collapses fully onto the remaining unopened door: **Door #2**. Therefore, staying gives you a $1/3$ win rate, while switching instantly bumps your win rate up to $2/3$!

Solution 9: The Clock Face Hands Conundrum

The hands overlap exactly **22 times** over a 24-hour cycle.

This occurs because the hour hand and minute hand move relative to each other. The minute hand travels 24 complete revolutions, while the hour hand travels 2 revolutions. The number of overlaps is the difference in their relative frequencies: $24 - 2 = 22$. The overlaps occur roughly every 1 hour, 5 minutes, and 27 seconds, meaning the overlap that would normally happen in the 11 o'clock hour gets pushed exactly onto 12:00, losing one overlap per 12-hour cycle.



MATHS PUZZLES



Think Sharp • Solve Smart • Be the Best!

- 1 If $a + b = 7$ and $ab = 12$, find the value of $a^2 + b^2$.
- 2 A two-digit number is such that the sum of its digits is 11 and the number obtained by reversing its digits is 27 more than the original number. Find the number.
- 3 Find the next number in the series: 3, 8, 15, 24, 35, ?
- 4 A shopkeeper marks an article 40% above the cost price and gives a discount of 20% on the marked price. Find his profit percentage.
- 5 In a certain code language, MATHEMATICS is written as NBUIFNBUJDT. How will PUZZLE be written in that code?
- 6 Three consecutive integers have a sum of 195. What are the integers?
- 7 A train 150 m long crosses a pole in 15 seconds. If the speed of the train is 36 km/h, what is the length of the pole?
- 8 Find the smallest number which when divided by 12, 18, 24 and 30 leaves remainder 5 in each case.
- 9 In a row of students, when Arjun is counted from the left, he is 16th and when counted from the right, he is 19th. How many students are there in the row?
- 10 A rectangle has a length that is 3 cm more than twice its width. If the perimeter of the rectangle is 34 cm, find its length and width.
- 11 Find the value of $1^2 + 2^2 + 3^2 + \dots + 20^2$.
- 12 Using each of the digits 2, 3, 4, 5 exactly once and basic operations (+, -, ×, ÷), make the number 24. (You may use brackets.)



Done by G.Parthiv Sankar





MATHS PUZZLES



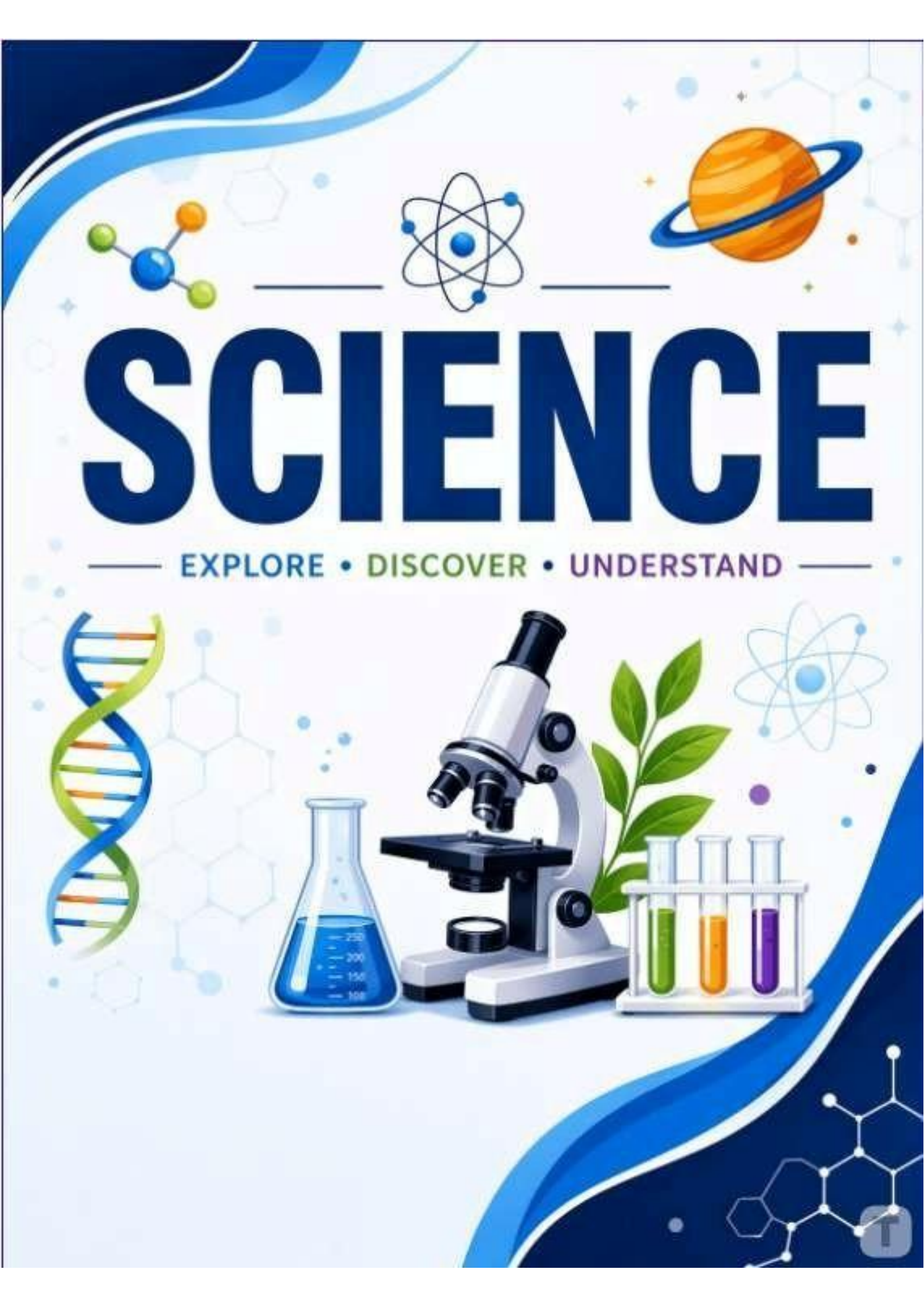
★ — ANSWERS & EXPLANATIONS — ★

- 1 $a^2 + b^2 = (a + b)^2 - 2ab = 7^2 - 2(12) = 49 - 24 = 25$
- 2 Let the number be $10x + y$. Then $x + y = 11$ and $10y + x = (10x + y) + 27$.
Solving gives $x = 8, y = 3$. The number is 83.
- 3 Pattern: add consecutive odd numbers (+5, +7, +9, +11, ...).
Next term = $35 + 13 = 48$.
- 4 Marked price = 140% of CP. After 20% discount $\rightarrow$ SP = 80% of MP
= 80% of 140% = 112% of CP. Profit = 12%.
- 5 Each letter is shifted forward by 1.
PUZZLE $\rightarrow$ QV[[MF
- 6 Let the integers be $x - 1, x, x + 1$. Then $3x = 195 \Rightarrow x = 65$.
Integers are 64, 65, 66.
- 7 Speed = 36 km/h = 10 m/s. In 15 s, train covers $10 \times 15 = 150$ m.
So, pole's length = $150 - 150 = 0$ m. (The pole's length is 0 m.)
- 8 Required number = $\text{LCM}(12, 18, 24, 30) + 5 = 360 + 5 = 365$.
- 9 Total students = $16 + 19 - 1 = 34$.
- 10 Let width = w cm. Length = $2w + 3$ cm.
Perimeter = $2(l + w) = 34 \Rightarrow l + w = 17$.
 $2w + 3 + w = 17 \Rightarrow 3w = 14 \Rightarrow w = \frac{14}{3}$ cm, $l = \frac{37}{3}$ cm.
- 11 $1^2 + 2^2 + \dots + n^2 = \frac{n(n+1)(2n+1)}{6}$
For $n = 20$: $\frac{20 \cdot 21 \cdot 41}{6} = 2870$.
- 12 One way: $(5 \times 4) + (3 - 2) = 20 + 1 = 21 \rightarrow$ Not 24.
Correct expression: $(5 \times 3) + (4 \times 2) = 15 + 8 = 23 \rightarrow$ Not 24.
Correct expression: $5 \times (4 + 3 - 2) = 5 \times 5 = 25 \rightarrow$ Not 24.
Correct expression: $(5 + 3) \times 4 - 2 = 8 \times 4 - 2 = 32 - 2 = 30 \rightarrow$ Not 24.
Correct expression: $5 \times (4 - 2) + 3 = 5 \times 2 + 3 = 10 + 3 = 13 \rightarrow$ Not 24.
Correct expression: $(5 - 2) \times (4 + 3) = 3 \times 7 = 21 \rightarrow$ Not 24.
Correct expression: $5 \times (4 + 2) - 3 = 5 \times 6 - 3 = 30 - 3 = 27 \rightarrow$ Not 24.
Correct expression: $4 \times 5 + 3 - 2 = 20 + 1 = 21 \rightarrow$ Not 24.
Correct expression: $(4 + 3) \times (5 - 2) = 7 \times 3 = 21 \rightarrow$ Not 24.
Correct expression: $4 \times (5 + 3) - 2 = 4 \times 8 - 2 = 32 - 2 = 30 \rightarrow$ Not 24.
Final correct expression: $4 \times (5 + 2) - 3 = 4 \times 7 - 3 = 28 - 3 = 25$
(Wait—need 24.)
Better: $(5 + 3) \times 4 - 4 = 8 \times 3 = 24$ or $4 \times (5 + 3) - 4 = 32 - 8 = 24 \checkmark$



Done by G.Parthiv Sankar





SCIENCE

— EXPLORE • DISCOVER • UNDERSTAND —



Physics in Everyday Life

PHYSICS BEHIND MOBILE PHONES

By Abhay sankar



HOW MOBILE PHONES USE ELECTROMAGNETIC WAVES

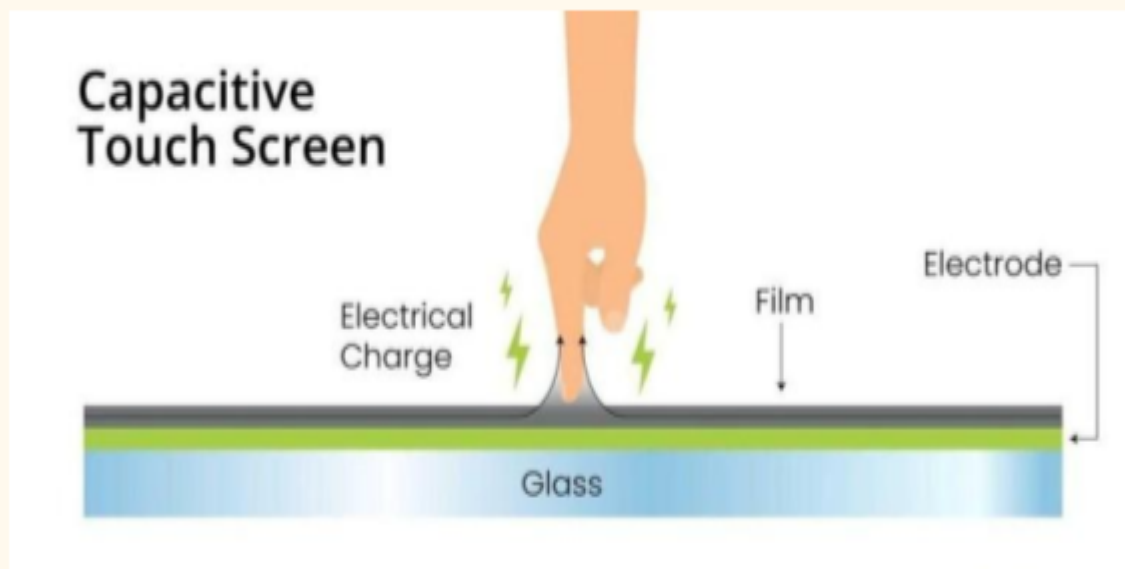
Mobile phones communicate using electromagnetic waves. These invisible waves travel between your phone and nearby cell towers. The towers then connect your call or message to another phone..



Interesting Fact : The speed of these waves is about 300,000 km/s (the speed of light)!

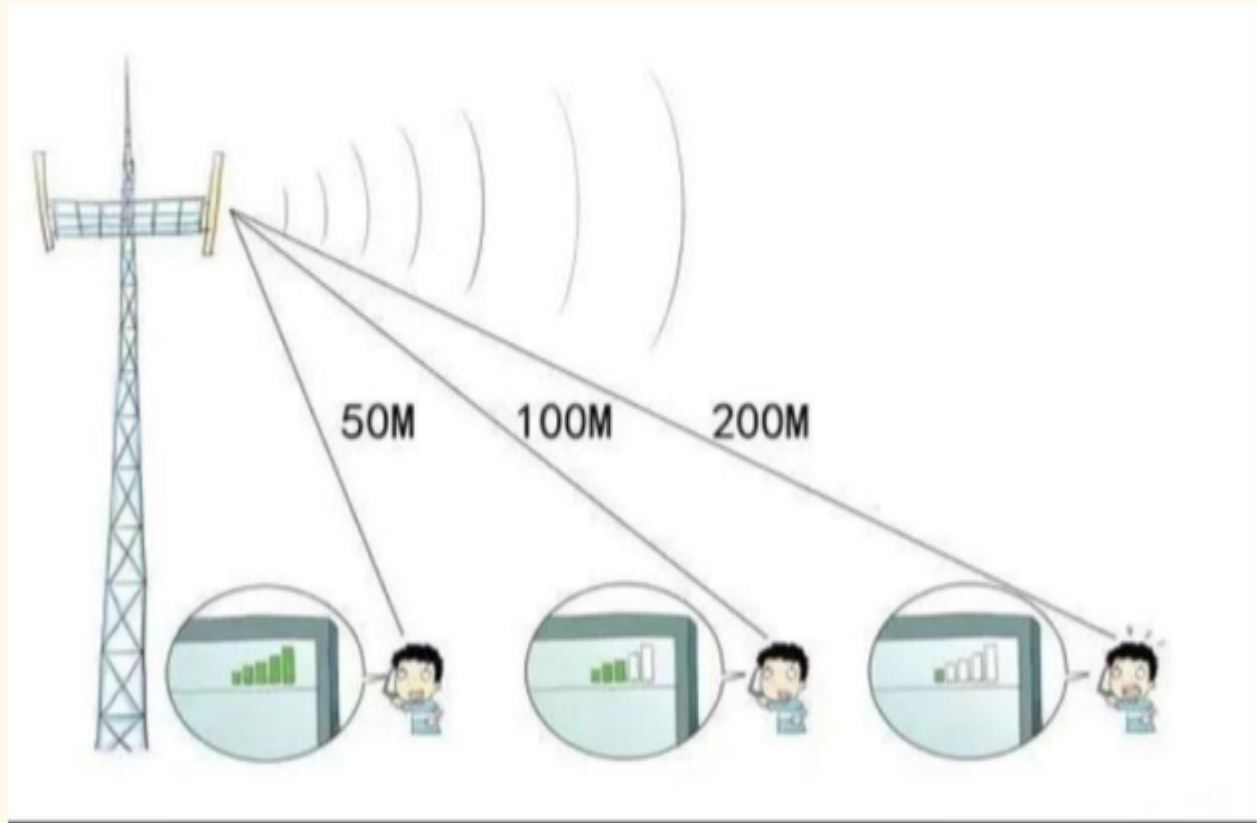
HOW TOUCHSCREENS WORKS

Most smartphones use capacitive touchscreens. Your body conducts electricity. When your finger touches the screen, it changes the electric field at that point. The phone detects this change and knows where you touched.



"Why can't most touchscreens be used properly while wearing ordinary gloves?"

WHY MOBILE SIGNALS BECOME WEAK



Signals can become weak because:

You are far from the tower.

Thick walls block the waves.

Bad weather can affect transmission.

Too many users are connected to the same tower.

Fun Example:

Have you noticed that lifts, basements, and tunnels often have poor network coverage? That's because walls and underground structures block electromagnetic waves.

Did You Know?

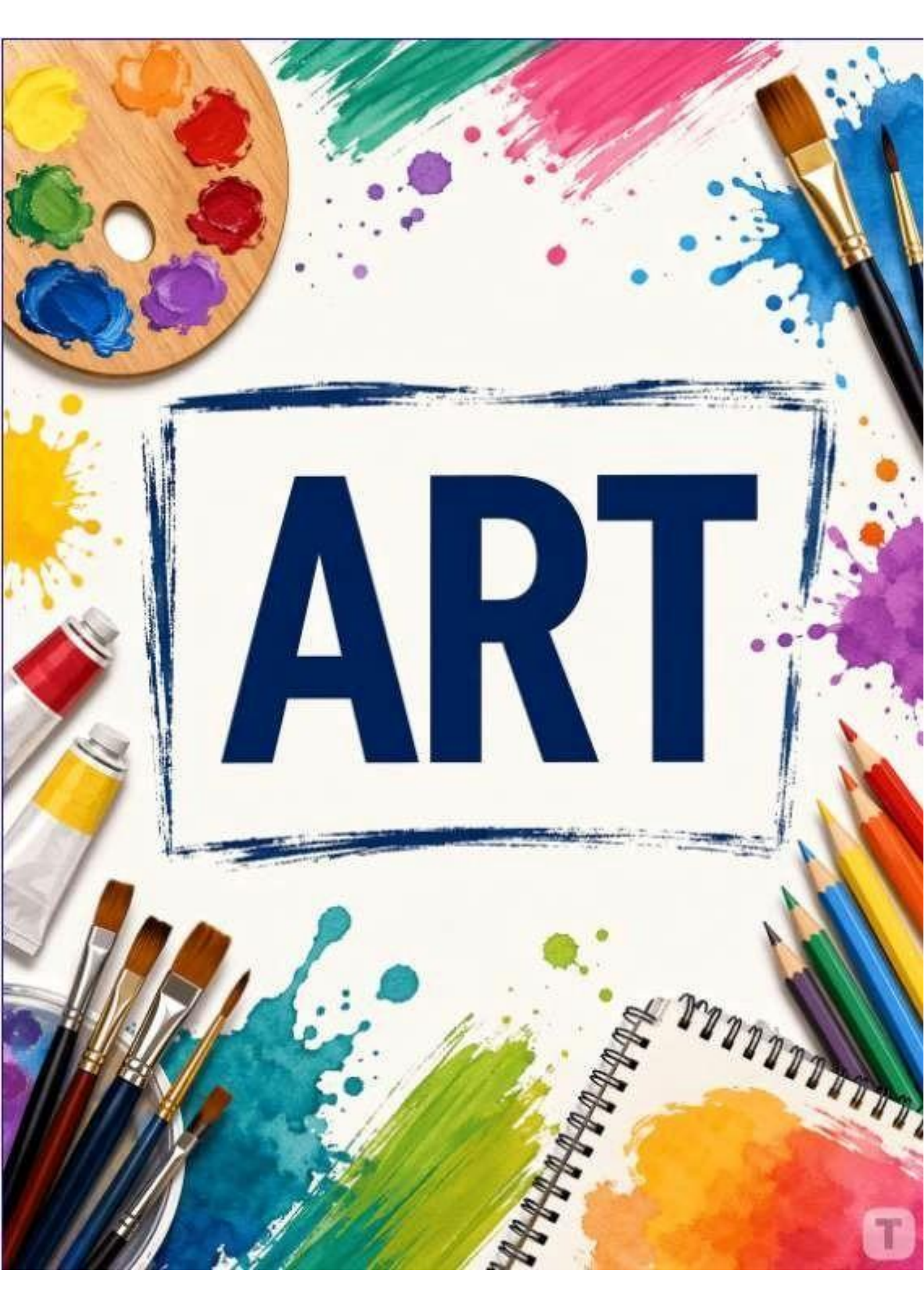


The first mobile phone call was made in 1973.

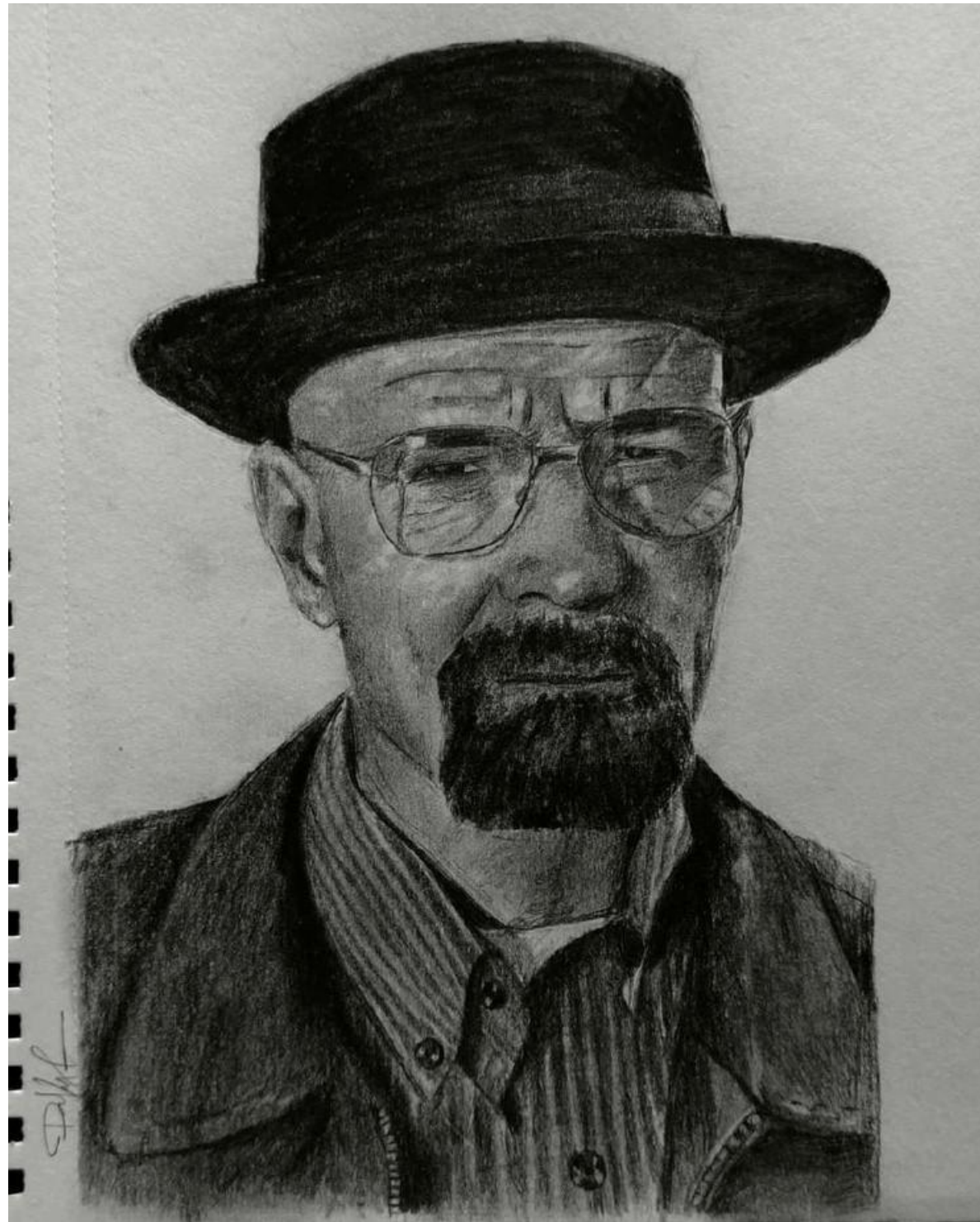


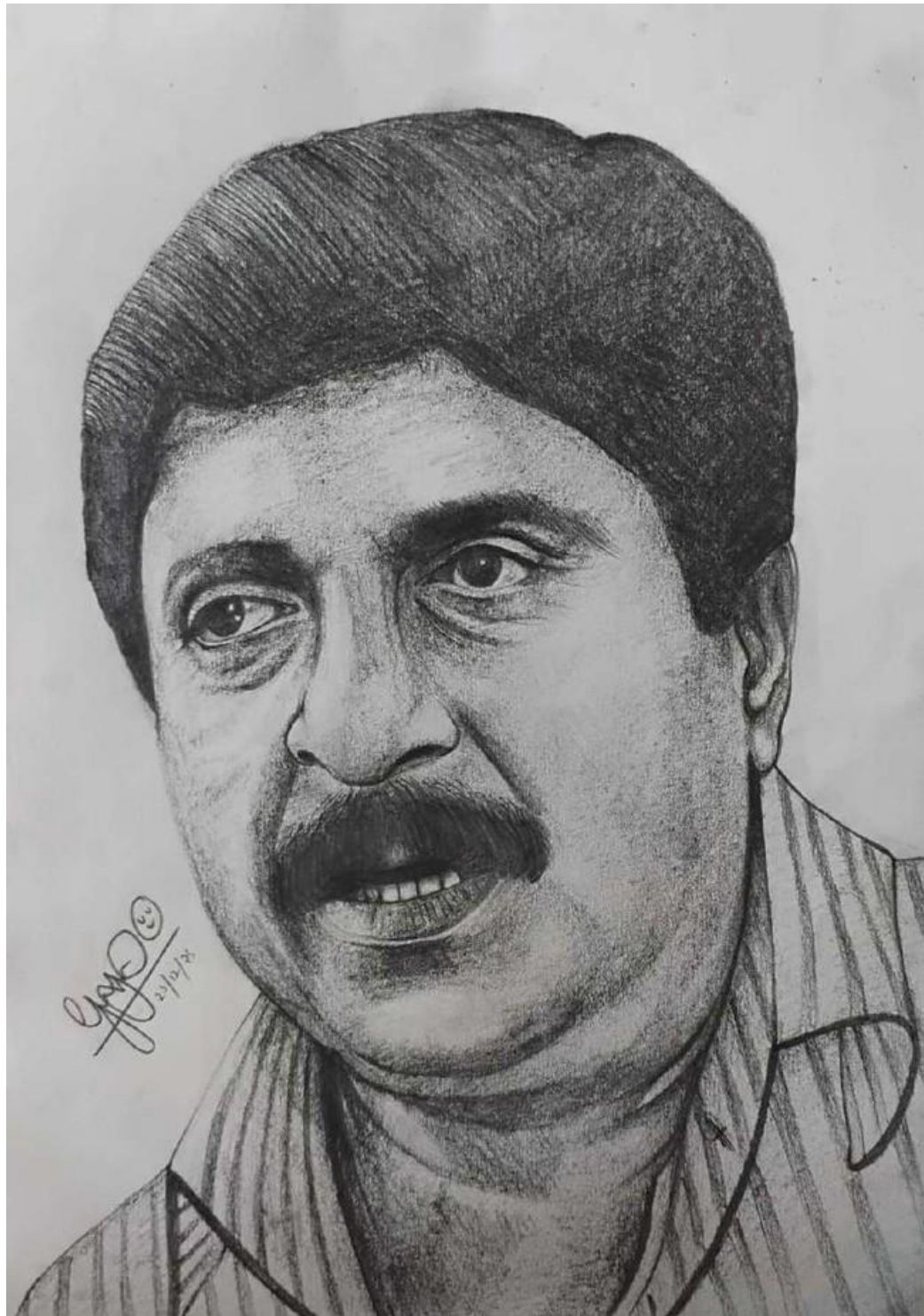
A smartphone contains physics related to:

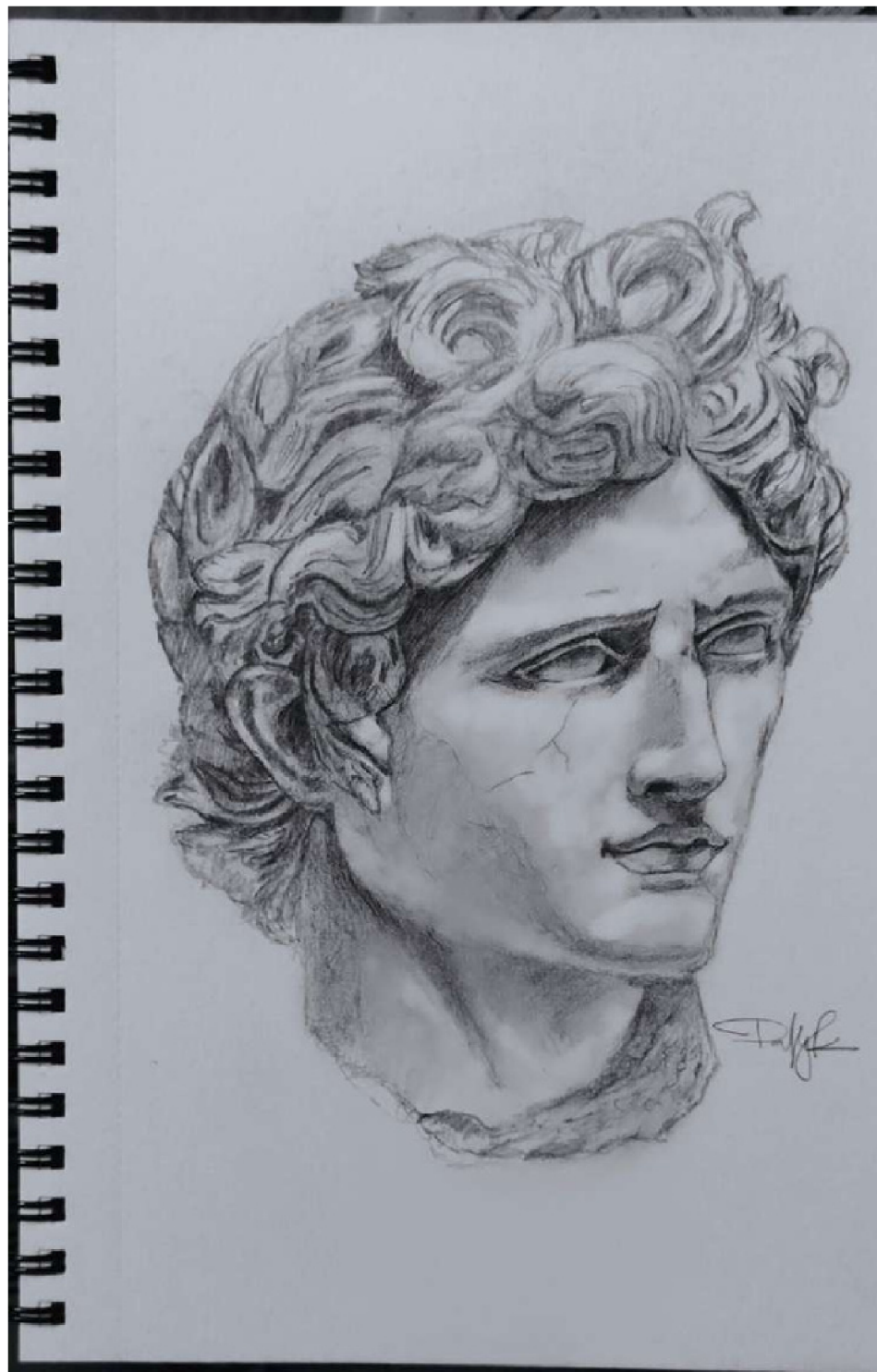
- Electromagnetic waves
- Electricity
- Magnetism
- Light
- Sound

A vibrant collage of art supplies. In the top left is a wooden palette with dabs of yellow, orange, red, green, blue, and purple paint. To its right are large, expressive brushstrokes in green, pink, and blue. A paintbrush with a gold ferrule and black handle lies in the top right. The center features the word "ART" in a bold, dark blue, sans-serif font, enclosed within a hand-painted blue rectangular border. The bottom left shows several paintbrushes with different bristles and handles. Along the bottom edge are tubes of red and yellow paint. The bottom right contains a spiral-bound notebook with a watercolor wash of orange, yellow, and red on its cover, and a set of sharpened colored pencils in various colors. The entire composition is set against a white background with scattered paint splatters and dots of color.

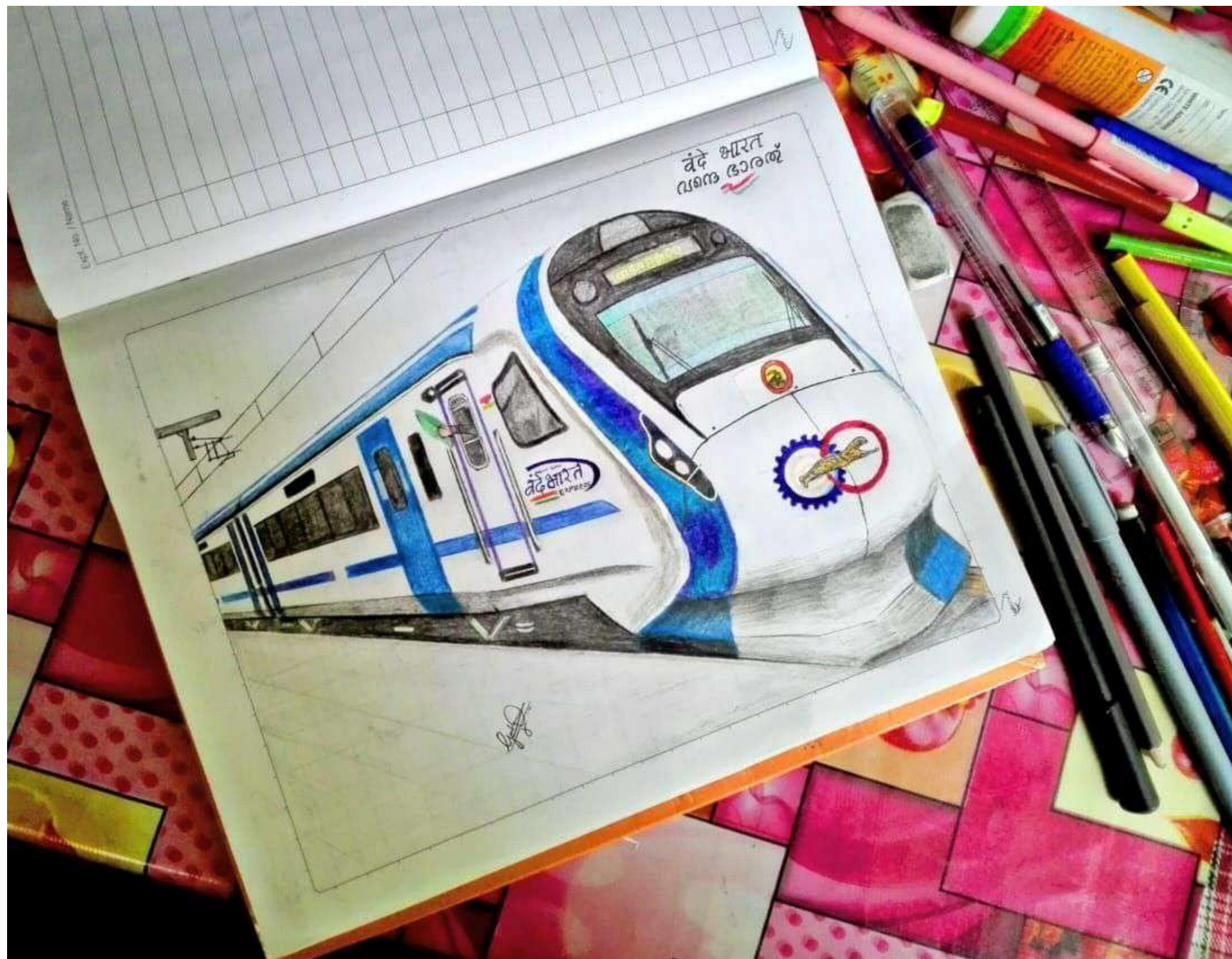
ART













Arunima

SPORTS





DONE BY
NAVANEETH

Ronaldo began his senior career with Sporting CP, before signing with Manchester United in 2003, aged 18, winning the FA Cup in his first season. He would also go on to win three consecutive Premier League titles, the Champions League and the FIFA Club World Cup; at age 23, he won his first Ballon d'Or.

Ronaldo was the subject of the then-most expensive association football transfer when he signed for Real Madrid in 2009 in a transfer worth €94 million (£80 million), where he won 15 trophies, including two La Liga titles, two Copa del Rey, and four Champions Leagues, and became the club's all-time top goalscorer. He won back-to-back Ballons d'Or in 2013 and 2014, and again in 2016 and 2017, and was runner-up three times behind Lionel Messi, his perceived career rival. In 2018, he signed for Juventus in a transfer worth an initial €100 million (£88 million), the most expensive transfer for an Italian club and for a player over 30 years old. He won two Serie A titles, two Supercoppe Italiana, and a Coppa Italia, before returning to United in 2021.

DONE BY
NAVANEETH



Lionel Messi

Lionel Messi is one of the greatest football players the world has ever seen. He was born in Rosario, Argentina, and started playing football when he was very young. Even as a child, people noticed his incredible talent and passion for the game. Messi faced health challenges early in his life, but he never gave up on his dream. His hard work took him to FC Barcelona, where he became a global superstar. He broke countless records, won many awards, and inspired millions of fans. Messi is known not only for his amazing skills but also for his humble and respectful personality. Today, he continues to play at the highest level and motivates young players around the world to chase their dreams.

The \$1 Empire: The Unstoppable Rise of Red Bull Racing



Imagine a sport ruled by historic, billion-dollar car companies like Ferrari, McLaren and Mercedes. Everything is super serious, corporate, and uptight. Then, out of nowhere, an energy drink company buys a failing team, slaps a massive charging bull on the side of the car, and turns the music all the way up.

Back in 2005, the F1 establishment literally laughed at Red Bull. They called them a "party team" that was only there to sell cans of soda. Today, nobody is laughing. Once led by Team Principal Christian Horner—the mastermind who took charge at just 31 years old and became the longest-serving, most decorated team boss on the grid—Red Bull Racing has completely hijacked the sport. Their secret? A total willingness to take massive risks, a motto to live "**Fast, Free, and Bold,**" and a

unique, superpower-like capability to bounce back from the most impossible situations.

The \$1 Gamble and the Benchmark Engine



At the heart of Red Bull's DNA is a wild appetite for risk. In fact, their entire journey started with the ultimate business gamble. When Ford wanted to pull out of F1 in 2004, Red Bull stepped up and bought the struggling Jaguar team for a symbolic **one dollar**. Everyone thought they were crazy to take on hundreds of millions in running costs, but that tiny \$1 investment laid the foundation for a multi-billion-dollar racing empire.

Even today, they refuse to play it safe. While most teams buy their engines from massive car manufacturers, Red Bull decided to build their own engines from scratch in their own factory under Red Bull Powertrains. People thought it was another crazy gamble, but they ended up building an absolute beast of a power unit—the benchmark engine that the rest of the grid has had to

desperately try and copy. They want to control their own destiny, no matter the cost.

The Mastermind at the Helm

At the helm of this entire operation was Christian Horner. Taking charge as the youngest team boss in Formula 1 history, he went on to build one of the greatest sporting empires ever seen. Over a legendary two-decade run, Horner's brilliant leadership and sharp management style guided Red Bull Racing to an incredible six Constructors' Championships and eight Drivers' World Championships, racking up well over 100 Grand Prix victories along the way.

He didn't just manage a garage; he mastered the political and tactical warfare of F1, famously keeping the team steady through fierce controversies, intense title dogfights, and major rule changes. From greenlighting the high-stakes project to build their own in-house engines to bringing mastermind engineers under one roof, Horner transformed Red Bull from an ambitious newcomer into a historically dominant gold standard of motorsport.



The Masters of Chaos and Consistent Pitstops

What truly makes Red Bull beautiful is how they turn disaster into victory. When things go wrong, their pit wall doesn't panic.

Take **Hannah Schmitz**, their legendary Principal Strategy Engineer. She is the mastermind who calculates insane, high-risk tire strategies on the fly. When Max Verstappen starts mid-pack due to a bad qualifying session or a grid penalty, it's Hannah's brilliant mind that outsmarts the entire grid, engineering unbelievable comeback wins from 10th or lower.

And when the pressure reaches a boiling point during a race, you hear the voice of **Gianpiero Lambiase**, universally known as "**GP.**" As Max's race engineer, GP is the only man who can calm Verstappen down over the radio. Their blunt, iconic banter sounds like bickering siblings, but GP's ice-cold calm under fire keeps the team grounded, turning chaotic races into masterclasses.

But a brilliant strategy is nothing without execution, and that's where Red Bull's pit crew shines. They are famous for their **legendary, machine-like consistency in pit stops**. While other teams fumble and panic under pressure, the Red Bull crew regularly changes all four tires in a mind-blowing 1.9 seconds, completely crushing the spirits of their rivals race after race.

The chaotic Austrian Grand Prix at the Red Bull Ring is a recent example! After a devastating crash in Qualifying left Max starting down in fifth place at their own home track, most teams would be playing damage control. Instead, Red Bull did what they do best: they hunted. Max drove like a man possessed, launching aggressive overtakes and engaging in fierce, wheel-to-wheel

duels with Lewis Hamilton. While George Russell managed to hold onto the win, Verstappen's ferocious recovery to secure second place proved the unrelenting spirit of the team.



A History of Legend Hunters

Red Bull's talent scouting is the stuff of legend. They don't look for polite, traditional drivers; they look for raw, aggressive speed. This exact system is how they discovered a young, baby-faced **Sebastian Vettel**. Vettel became the original king of Red Bull, completely dominating the sport and winning four straight world titles. A huge part of that legendary legacy was written during the historic **Indian Grand Prix victories**. Vettel absolutely owned the Buddh International Circuit, winning all three editions of the race from 2011 to 2013, famously celebrating his fourth world title there by spinning iconic donuts on the main straight and bowing down to his Red Bull car in front of a roaring crowd.



They also brought in the infectiously joyful **Daniel Ricciardo** (the "Honey Badger"), whose late-braking, spectacular overtakes and legendary podium "shoey" celebrations injected pure electricity and fun into the team's identity.

And of course, they took the biggest gamble in F1 history by signing a fiery 17-year-old named Max Verstappen, throwing him into a cockpit before he even had a legal road license. Verstappen's aggressive style triggered the legendary 2021 season—a brutal, wheel-to-wheel war against Lewis Hamilton that went down to the absolute final lap of the final race. But if 2021 was a dogfight, 2023 was absolute obliteration. Red Bull and Verstappen turned the season into a personal playground, winning 21 out of 22 races. Max alone won 19 of them, breaking the record for the most consecutive wins in F1 history.



The Spirit of the Bull

The true beauty of Red Bull Racing isn't just the massive trophy cabinet at their factory. It's their attitude. Under Horner's leadership, backed by strategy geniuses like Hannah, cool heads like GP, and icons from Vettel to Ricciardo and Verstappen, they proved to the entire world that you don't need a hundred years of car-making history to be the best. They showed a whole generation of sports fans that greatness comes from breaking the rules, trusting your instincts, and having the courage to smile when everyone else thinks you're going to fail. Red Bull didn't just join Formula 1—they completely hijacked it.



Written by Keziah Ann John
Class 12th B

LEGENDS OF THE MAT:

TOP 6 PKL PLAYERS OF ALL TIME

1. PARDEEP NARWAL:

- ☐ prominent raider in the team Patna pirates.
- ☐ he is the raider who has the highest raid points in PKL history.
- ☐ He is the first player to cross 1500+ raid points.
- ☐ 3-time PKL champions for Patna Pirates, famous for his 'DUBKI' raid.



2. PAWAN SEHRAWAT;

- ☐ Played for Bengaluru Bulls, Tamil Thalaivas, Telugu Titans.
- ☐ Has most raid points in multiple seasons.
- ☐ Has the record for most raid points in a single match, he scored massive 39 points against Haryana steelers in the 7th season.
- ☐ He is the top scoring raider for 3 consecutive seasons(6th, 7th, 8th).



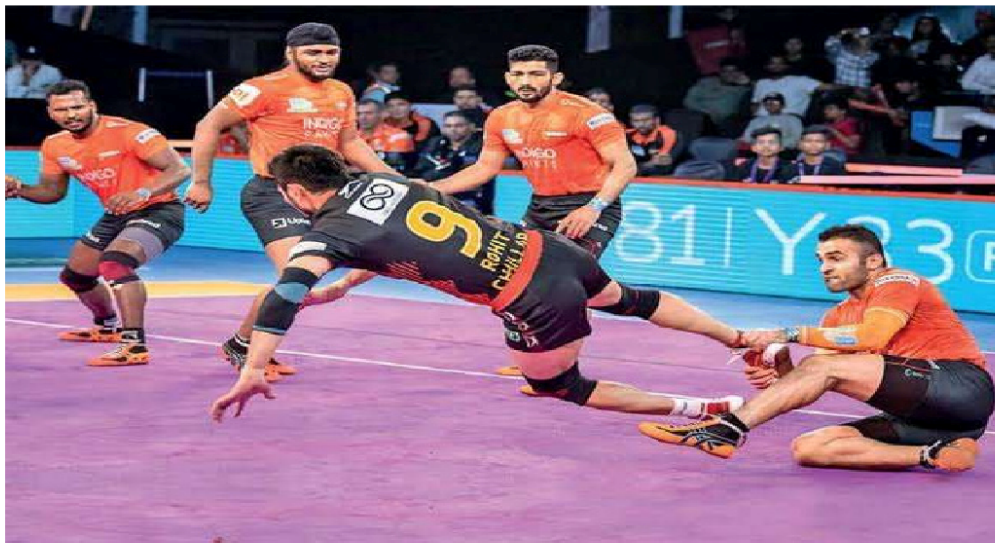
3.NAVEEN KUMAR:

- ☐ He is the raider in the team Dabang Delhi K.C and led to their first PKL title in season 8.
- ☐ He holds the historic PKL record for the most consecutive super 10s in the tournament.
- ☐ He still remains the fastest player in PKL history to touch the 600-point milestone.
- ☐ He won the MVP (Most Valuable Player) twice in season 7 &8



4.FAZEL ATRACHALI:

- ☐ He is a Left corner defender played for U Mumba and Patna Pirates and won in 2nd and 4th season respectively.
- ☐ He is the greatest defender in PKL with more than 500 tackle points.
- ☐ He is an Iranian professional kabaddi player, led Iran to a historic gold medal in 2018.
- ☐ They also secured 2 silver medals in the year 2010 & 2014.



5.MANJEET CHHILLAR:

- ☐ He is an all-rounder who has played for Bengaluru Bulls, Puneri Paltan, Tamil Thalaivas.
- ☐ He is a gold medalist in the National Championships in 2010, 2011 & 2022.
- ☐ He got awarded as the best defender in both season 1 & 3 and got the Most Valuable Player in 2nd season.
- ☐ He was appointed as the Assistant Coach for the Telugu Titans ahead of PKL Season 9 in 2022.



6.ARJUN DESHWAL:

- He is the prominent raider in Jaipur Pink Panthers, Tamil Thalaivas.
- He is known as a "Raid Machine" in the league for his aggressive raiding technique.
- He represented the Indian team that won gold medal at the 2022 Asian Games in Hangzhou, China.
- He played a key role in Jaipur Pink Panther and won PKL season 9 title.



By: T. Jeffrina Pauline
XII-B

THE FIFA WORLD CUP - THE GREATEST FOOTBALL TOURNAMENT



Introduction

The FIFA World Cup is the most famous and prestigious football tournament in the world. Organized every four years by FIFA, it brings together the best national teams from every continent. Since the first tournament in 1930, the World Cup has united billions of fans and created unforgettable moments in sports history.

Interesting Facts

- First World Cup: Uruguay (1930)
- Held every four years.
- Brazil has won the most titles (5).
- The FIFA World Cup Trophy is made of 18-carat gold.
- More than 200 countries compete in qualification rounds.
- Billions of people watch the tournament worldwide.
- The 2026 FIFA World Cup is hosted by Canada, Mexico and the United States.

Why People Love the World Cup

The World Cup is more than a sporting event. It brings families and friends together, inspires young footballers, promotes fair play, teamwork, respect and discipline, and celebrates different cultures.

Legendary Players

Pelé, Diego Maradona, Lionel Messi and Cristiano Ronaldo are among the greatest footballers in history. Their performances have inspired millions of young players around the world.

Conclusion

The FIFA World Cup is the biggest celebration of football. It teaches us that hard work, dedication and teamwork can achieve great success. Every edition creates new heroes and unforgettable moments. The World Cup truly unites the world through the beautiful game.



Every match is filled with excitement, passion and unforgettable memories.

Legendary Players

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NAME : ARCAH B S

CLASS : XII B



thank you