



"Cyber Chronicles" ~~ Of The Study~~

2nd Quarter

Fêtes & Feats

2021-22

Leitmotif



The Study-L'école Internationale

Dr.K.M.Cherian Educational Society



(Affiliated to CBSE, New Delhi. CBSE Affiliation No. 2930004)
Pondicherry-605014

Month: September 2021 Edition No: 5

EDITORIAL

"Wisdom stems from personal accountability. We all make mistakes; own them... learn from them. Don't throw away the lesson by blaming others."

- Steve maraboli

Accountability is one important virtue which students should be given practice in schools. If a student has to gain the value of accountability he or she should be given an opportunity. An accountable person learns to be responsible, well disciplined and expand the vision to make right choices in life.

In order to make our students more accountable we gave those chances to self nominate to stand for the elections. They have shared their experiences of the election process which was a way different from the usual.

"We cannot hope that many children will learn mathematics unless we find a way to share our enjoyment and show them its beauty as well as its utility."

-Mary Beth

To prove this statement true we at the study celebrated the "pi approximation day" and students have shared their experiences during the one week celebrations. Artificial intelligence is the future world and it has interested the younger generation which is evident through their write ups. The launch of iOS15 by apple has attracted our little ones. The importance of insurance policy, wireless connections.... And many more are added interests of students which is available in this edition.

By, Mrs. Jothi, Teacher

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Edition No: 5

Principal's Message

It gives me immense joy to pen down my thoughts, as I begin my journey as an educationist in "The Study'', an institution which has created a niche for itself in the educational scenario in Pondicherry. As the Head of the Institution, I aspire to take the school to the next level of excellence with the support of all stakeholders in alignment with the Vision and Mission of Dr. K.M Cherian, whose philosophy of education is the guiding light that constantly motivates to "Strive to Excel".

The school recently held the virtual "Student Council Election" in the true spirit of democracy, giving an equal opportunity to students to contest in the elections by self-nomination. The virtual election process is now complete and I whole heartedly congratulate all who contested in the election, by putting their best foot forward, in competing with each other on a virtual platform, accepting the final outcome of the elections in real spirit of camaraderie. All are winners in their own rights, and there is no winner or loser in the right perspective of leadership. Every child has his or her own signature strength and can contribute potentially to the growth of the Institution and thereby nurture one's own latent leadership attributes. What is important is to act with accountability and ownership.

Therefore my dear students, you must be cautious enough and be alert at every step, to take the right decision and perform the right action by being a role model for your fellow colleagues.

And to all the newly elected student Council office bearers and the class representatives, you are now the torch bearers of high standards in every aspect of school life and towards the society and the world we live in. Expectations are high from you, individually and as a team too, in your leadership roles; especially during these times when online education seems to be the way forward for some more time. Motivating the students' body to make the best out of online learning and yet remain focused, is perhaps the priority and the school would be looking forward for your support, suggestions and innovative ideas to enhance online teaching and learning even more in "The Study"

Mr. Anandam Das
Principal

A(im) for ACCOUNTABILITY

Accountability is the edifice that rises assuredly on the stable foundation of ethics.

It is not an obligation you owe someone; it is a responsibility you assign yourself. It is not a debt, but an ownership. Accountability is the equity which propels progress.

Accountability can be enforced legally. But then it becomes a liability. Liability is like an albatross around one's neck; a handicap to the mission.

True accountability can be established only when a person understands the impact his actions or the lack of it impacts stakeholders.

In an organisation, accountability can become a game of passing the ball, if everyone keeps shifting the blame around. Many a times, collective accountability can lead to a positive momentum which results in excellence.

The nation, the society is a manifestation of the accountability of its people. The macro is the sum of parts of the micro.

What each one of us does at the micro level is important for the success at the macro level - be it an organisation, a society or the nation.

Never underestimate the power of your actions to impact the big picture. Make a progressive impact.

A(im) for Accountability!

Ms. Punitha Lakshmi Student Council Coordinator

Edition No: 5

Workshop for teachers on Differentiated Learning

"A teacher's purpose is not to create students in his own image, but to develop students who can create their own image"



DIFFERENT LEARNING STYLES

VISUAL

- LEARN BY SEEING
- Charts, Graphs
 Graphic occasion
- * Lesson outline
- Picture aids
 PowerPoints

READ/ WRITE

- LEARN BY READING
- Books & texts
- Dictionaries •Note-taking

AUDITORY

- LEARN BY HEARIN
- *Listening center
- Verbal instructions
- Discussions

KINESTHETIC

- LEARN BY DOING
- •Incorporate bod
- Hands-onl

Topic & Date:

On the 16th and 19th of July 2021, 'The Study' staff assembled in the conference room for their professional training workshop on the topic 'Differentiated Learning'.

Insight of the Workshop:

The main aim of the workshop was focused on how teachers can apply the differentiated learning strategies based on the student's readiness, interest and learning profile, also focused on differentiated instructions, where and how a teacher can apply the strategies while planning their lesson for their students.

Feedback:

The workshop was useful and informative and the topic was presented in a different aspect that catered to the needs of the teachers to apply it in their new pedagogy.

My Experience:

It is my first workshop for my colleagues after taking up the new role. I was thrilled, excited and nervous at the same time. The encouragement, support and active participation made me deliver the content with ease and zeal.

Ms. Maria Theresa

Professional Development Coordinator

KG Celebrations

KG conducted 'Red Day' celebration on 18th June 2021 to introduce children to the mesmerizing realm of colours. The shades of red made our little champs feel bright, lively and cheerful. The tiny tots looked stunning in their red outfits. The young ones sang Red Day song and the story was enacted by the teachers with moral values. After that, they had a magic milk science experiment activity which enabled the kids to explore and have a hands-on learning experience. It was indeed another fun filled day.

On July 9th 2021. Blue Day was celebrated. Blue represents calmness, trust and intelligence. Children were dressed up in different shades of blue. The objective of celebrating blue day was to create awareness in children of the colour blue. To further enhance their skills, we taught them songs on blue, made them do an activity, narrated a story and some fun facts. Children brought their favourite blue toys and objects and spoke a few sentences about it.

On July 16th 2021. The significance of the colour **Yellow** was emphasized to the tiny tots. The programme started with a 'Prayer Song' followed by a lovely song on the yellow bus along which the children also sang. The teachers enacted a story 'The Golden plate' where the children learnt the moral 'Honesty is the best policy'. Following this an interaction session was organized with the children in relation to the story. Children reciprocated very well to the questions posed. The children sang another song on the sunflower along with the teachers thus keeping their spirits high. Different facts on yellow were shared with the children thereby imparting knowledge and understanding.

The celebration continued with facts on the colour yellow. Examples of the sun, yellow banana, sunflower etc. were cited through which the children gained more knowledge on the colour.

The much-awaited finger drawing activity of the giraffe was done in a meticulous manner. The children followed instructions and did likewise. Excellent outcome was seen with the children in exhibiting their talents at such a tender age.

Interaction with the children was done on their yellow toys which they had with them. Children responded with great enthusiasm to the questions asked. Parents cooperated willingly. The function ended with a vote of thanks.

On 30th of July 2021, Rainbow Day was celebrated which had many beautiful programs that were organized for the kids by the kindergarten teachers. A happening and enjoyable experience from singing a beautiful rainbow song to an activity of a colourful rainbow. From a wonderful story about the different colours of the rainbow and its strong moral about unity, to amazing fun facts as well as scientific facts that fascinated the kids while at the same time embedded learning," Rainbow Day" went off marvellously well.. The entire program was so colourful and entertaining, thanks to the amazing team work of all the kindergarten teachers. From this eventful day, the children have learnt the importance of love, care and respect for each other as well as the symbolism of new life, hope and most importantly that of unity in diversity which will always be strength.

Colouring and drawing competitions were conducted on July 13, 2021. The children learnt how to be more creative and more confident and also showcased their talent.

When we look at each drawing, we can clearly see the level of patience and the level of creativity the child has gained from choosing the medium of colour, to colouring within the lines and also choosing the colour schemes.

All these show how well the child is physically and mentally fit and also shows us the importance of fine motor and gross motor skills for a child. Art is all about how freely one can express their minds and souls and at the end of the day we clearly see how well a child expresses himself/ herself through the form of art.

Mrs. Lavanya KG Coordinator

The Way Forward

Exciting events ahead in the 2nd quarter of 2021-22!

- * The middle schoolers are ready to mesmerize us through their Reciting skills.
- The most awaited Metis Gelos is likely to happen in the 2nd quarter.

Many more exciting events are awaiting in the days to come.

pi Approximation Day

"Without mathematics, there's nothing you can do. Everything around you is mathematics.

Everything around you is numbers" – Shakuntala Devi

Over years, we realized that the best way to learn mathematics is to do mathematics! What else would be the best way to start the practice of knowing more about maths, just other than with a mathematical magic, Pi (π) . Funnily, as people say, our life is a circle. Pi teaches us more than that. We shall never know what the future holds for us, like one never knows the true area of a circle, or the exact measurements of pi! All one could is to live a life to its fullest and keep exploring the treasure of pi too.

At The Study, the preparation for the annual celebration of Mathematics began after a deep discussion with the Principal and the HOD of Maths. Together, we had formulated various strategies and activities to improvise and enhance the maths education across the classes well in advance. Members of the department had proposed to implement Montessori Method of teaching to see a sea of change in the way of approach and teaching maths to the young minds. We believed that it can be achieved by implementing certain strategies like: assigned projects, pictorial presentation, applying real life examples, peer learning, known to unknown concepts, small tips and tricks to find a solution for the problem etc. As a result, we came out with three pronged strategies. They were Introducing Vedic Math, Increase Maths Club activities and Monitor Performance of Slow learners.

Interestingly, on the day of "pi approximation day "on 22/7, we learnt the importance of pi for the modern-era computational technology. Students enjoyed realizing the fact that mathematicians have more accurate calculations for cosmology, as in modern times, with endless amount of computing power that can be dedicated. Even the advanced space exploration institutions like Nasa, can't avoid pi while calculating spacecraft trajectories. Students realized the application of maths in various fields and its importance.

The more we enjoy the process of applying mathematics in our day today life; the more it hones our skills towards expressing our ideas and opinions more precisely and concisely. It changed our outlook towards every issue, not only about mathematics, but in every life element. Also, we realized that it is very important to know that the process and approach is as equal as the answer to any problem. It is a great revelation in our life. As teachers, the more we enjoy dealing with maths, out students also will follow suit.

The Department of Mathematics decided to implement Flipped Classroom teaching to increase a deep understanding on numbers and maths, each concept should adopt activity-based learning and that will become mandatory. This calls for readiness towards the Lesson Plans, Worksheet and Link for the Videos related to the flipped class topic.

"Pure mathematics is, in its way, the poetry of logical ideas" – Albert Einstein

Sessions on Vedic Maths for Primary and Secondary Students brought the lost world of knowledge from our ancient civilization and emphasized its importance and existence in the modern-day practice. We were thrilled to see the power of simple practice increase the speed of solving problems as well as the excitement of students while practicing the vedic maths. It was really a magical moment. We decided to implement and introduce Vedic Math at least once or twice in a week for about 5 minutes in each session.

Finally, the year's feast came to an end with an interactive and activity-based approach to teaching primary students. In addition to the structured approach, games, activities, practical oriented approach would immensely help to create a greater understanding for maths from the early learners. We decided that each teacher should create a passion and inculcate interest in the Math subject to the students so that it will be easy for the Higher Secondary teachers to remove the phobia against mathematics. We decided to adopt in addition to the Regular teaching method, Flipped classroom method and Activity based learning method to our curriculum to improve the way we teach maths to the students. Needless to say, we are quite excited and waiting for the mathematical feast of the next year for more revelations.

Mrs. Margaret Teacher

ARTIFICIAL INTELLIGENCE

A machine that could organize your cupboard just as you like it or serve every member of the house a customized cup of coffee, makes your day easier, doesn't these look like the products of artificial intelligence but.... why use the term artificial intelligence???

Well these machines are artificially incorporated with human-like intelligence to perform tasks as we do. This intelligence is built using complex algorithms and mathematical functions but AI may not be as obvious as in the previous examples. In fact AI is used in smart phones, cars, social media feeds, video games, banking, surveillance and many other aspects of our daily life

Question is what an AI does at its core?

Here is a robot we built in our lab which is now dropped onto a field in spite of a variation in lighting landscape and dimensions of the field. The AI robot must perform as expected. This ability to react appropriately to a new situation is called generalized learning. The robot is now at a crossroad one that is paved in the other rocky. The robot must determine which path to take based on the circumstances. This portrays the robots reasoning ability; after a short stroll the robot now encounters a stream that it cannot swim across using the plank provided as an input. The robot must be able to cross this stream using the given input and find solution for the problem. This is problem solving.

These three capabilities make the robot artificially intelligent in short AI provides machines with the capability to adapt reason and provide solutions.

Let's have a look at the two broad categories AI is classified into weak AI also called narrow AI focuses solely on one task. You might say Alexa is definitely not a weak AI since it can perform multiple tasks well that's not really true when you ask Alexa to play this besito it picks up the key words play and dispose IDO and runs a program and is trained – Alexa cannot respond to a question it isn't trained to answer for instance, try asking Alexa the status of traffic from work to home Alexa cannot provide you this information as she is not trained – and that brings us to our second category of AI, strong AI, now this is much like the robots that only exist in fiction as of now Ultron from Avengers is an ideal example of a strong AI that's because it's self-aware and eventually even develops emotions this makes the eyes response unpredictable.

You must be wondering well how artificial intelligence is different from machine learning and deep learning. Machine learning is a technique to achieve AI and deep learning in turn is a subset of machine learning. Machine learning provides a machine with the capability to learn from data and experience throughout rhythms. Deep learning does this learning through ways inspired by the human brain.

This means through deep learning data and patterns can be better perceived Ray Kurzweil a well-known futurist predicts that by the Year 2045 we would have robots as smart as humans; this is called the point of singularity well that's not all in fact Elon Musk predicts that the human mind and body will be enhanced by AI implants which would make us partly cyborgs

AI can read its owner's emotions. The human brain is still a mystery it's no surprise that AI too has a lot of unvented domains. For now AI is built to work with humans and make our tasks easier .However with the advancement in technology we can only wait and watch what the future of AI holds for us

KIRTHIKA XII-A2

MY ELECTION EXPERIENCE

"Earn your leadership every day."

School days have a special place in our hearts. We tend to recall them again and again in our life. So all of us need to create blissful everlasting memories. This election was memorable for me as it helped me question myself about my potential and I won the election! To be frank, I didn't expect to win the election but, I am glad that I did! My friends were very supportive and, they were always there to support me when I needed them. I learned that I can do anything if I put my mind to it. Our first enemy in this world is our mind. I also realized that we are not alone in this battle against ourselves. I believe we learn something new every time we face a new challenge. Likewise, I have learned how to learn to deal with people who are different from me. The election was fun and exciting for me. I had fun doing it and made memories with my friends. My favorite part of the election was designing our posters. I felt we students were given a chance to display our creativity through this. This election has been an amazing experience for me and it will hold a special place in my heart forever.

R. Niranjana XI - A1

The Year in Math and Computer Science

For mathematicians and computer scientists, 2020 was full of discipline-spanning discoveries and celebrations of creativity. Several long-standing problems yielded to sustained collaboration, sometimes answering other important questions as a happy by product. While some results had immediate applications, with researchers improving on the findings or incorporating them into other work, others served for now as inspiration, suggesting that progress is within reach.

Early in the year, Quanta described how five computer scientists established limits on the ability of entangled quantum computers to verify problems. As part of their work, the team also answered long-standing questions in physics and mathematics — much to the surprise of the researchers who had been working on those problems.

Another set of collaborations strengthened a far-reaching bridge connecting distant areas of mathematics. Known as the Langland's correspondence, the conjectured bridge offers hope of deepening our understanding of many subfields of mathematics.

This year we also explored mathematicians' growing familiarity with geometric constructs, examined how computer programs are helping mathematicians with their proofs, and surveyed the current state of mathematics and its problems. But not all the news this year was welcome: the spread of COVID-19 complicated the research of working mathematicians, who increasingly rely on collaboration to push the field forward. The pandemic also claimed the life of the great mathematician John Conway about a month before we broke the news that a graduate student had solved a famous problem involving his signature knot.

I ABHINAVKUMAR





Virtual Sports Meet

The Virtual sports meet was a kind of entirely different experience to be a part of. It engaged both parents and kids in a well-planned way. The kids really enjoyed the activities and especially the family ride was so enjoyable. Kids even had fun with single leg balance task too. We thank the teachers who made an effort to do this even in this pandemic situation.

KAVINESH A.S JKG-A

My memorable 75th Independence Day 2021

Freedom in the Mind

Faith in the words.

Pride in our Souls.

With the above words, I would like to take some space to fill my thought about the beautiful day to remember -Our 75th Independence day celebration in our school.

Of course, it was different from the normal one as it was again the 2ndyear, we are celebrating on the virtual platform due to the pandemic situation. But it does not matter how we celebrate, when each of us are filled with the spirt of independence. Our school has always taken all the celebration one step ahead. This is because of the efforts put in by our teachers who encourage and motivate each of us to bring out our best in us. They are always available at any point of time.

Since it was class-wise celebration, many of us got an opportunity to bring out our talents. I got to be one of the program hosts sharing my window with Aditi Divakar of 7-A. It was a wonderful experience.

There were many events like folk dance, tri-colour recipes, instrumental music, patriotic songs and classical dance performance. Every single program had a flavour of its own and beyond any words to describe. What made our celebration more special – An icing on the cake -was our Principal Mr Anandam Das sir's presence. He was there with us for the whole program and his encouraging words made our day worth the efforts put in. I thank all my teachers and staff members for making this program a memorable one.

JHERIN GEORGE

VII-

BACK TO SCHOOL

I miss my school, I miss my friends, For I thought, I never would.

I see my class, I see my teacher, For I thought I'd never been there.

Being at home is safe – but Being at school is fun. So much of memories and fun As I miss everyone.

I miss my school, I miss my friends, And my 1st grade backpack memories Waiting if I'd a chance....

ANANDAMAYI SRIDHAR

I-A

HOW ARTIFICIAL INTELLIGENCE IS TRANFORMING THE WORLD

From self driving cars to human-like intelligent Robots, tell us how AI has driven the lives of people from moment to moment. AI is seen almost everywhere – on our way to work, searching on a web, making online purchases etc. AI are technologies emerging which can understand, learn and then act based on that.

They are most prominent on our smart phones, as half of the Smartphone tools are applications of AI. Using anonymized location data, Google maps can analyze the speed of traffic at a place and can also navigate directions. The most popular TESLA cars (self-drive) and Auto pilot feature in aircrafts are also based on them. It also plays a role in securing our data, a tool called spam-filter, filters all the spam mails we receive. Technologies like Alexa, Siri, Google assistant, robot vacuums are AI -based robots that make our lives easier. It has also helped agriculture to Technologize by bringing up machines which can take part in the field work. Last but not the least, artificial intelligence benefits the software developers and coders too. AI enabled tools can detect bugs; automate quality testing of the software. According to a report, it seems they can help a coder to be 10 X more productive.

To summarize, I would say that artificial intelligence is altering the world, raising the human dependence of machines. It is the single most influential human innovation in history.

--- "LET THE WORLD TECHNOLOGIZE" ---

Source:

- •https://www.quora.com/What-is-the-future-of-artificial-intelligence-1
- https://emerj.com/ai-sector-overviews/everyday-examples-of-ai/
- •https://www2.deloitte.com

RAAVI JAASMITHA XII-A3

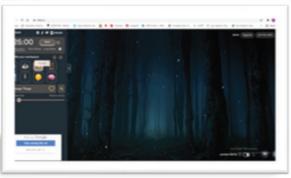
REPORT ON INSURANCE EXTENDED PROGRAM

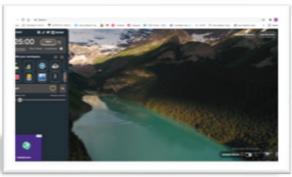
LIC India:

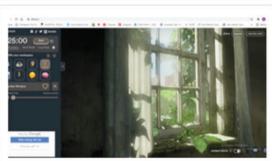
Last week Mr. Karthick came to our class to tell us about life insurance. He introduced us to insurance i.e. it is a contract between an insurance policy holder and an insurer, where the insurer promises to pay a designated beneficiary, a sum of money upon the death of insured person. He told us about the pros of life insurance.

THE WORLD BEHIND THE SCREEN

Whether you're gaming, socializing or doing business, most online interactions let participants give only as much information as they are willing to disclose, pre-selected from whatever fits their needs at the time. Here comes the other world lifeat, io behind the screen. It's a website where you can explore different parts of the world and meet different people have different study place. It's a perfect website for an insidious introvert and a extraodinary extrovert. You name the mood you have the perfect ambiance. This leads to improve the mental health, interaction with people and complecting the dream of travelling the world of a person during the pandemic.







MONIKA REDDY XII-B2

Death benefits:

In case any unexpected things happen to the insurer which results in the loss of income for their family, the insurance company provides compensation in the form of death benefits.

Valuable return on your investment:

He said about the valuable return on investment from the life insurance policy.

Tax benefits:

One of the biggest advantages of life insurance is that it provides many tax benefits.

At the end, we got to understand more about the life insurance policies which are in LIC India and also some other main information about it.

Wireless...What! How!

Have you ever imagined how a picture, audio, video or a text travels wirelessly????

Just pause and think. You don't even touch it, but it reaches the one you send it to! Isn't that great! Let's try to understand that.

Any technological gadget such as a computer or a phone understands only "0"s and "1"s. A combination of them is translated as information. For instance, 3 in binary language (the 0s and 1s language) is 011 and 9 is 1001, and so on. Likewise, there's a particular combination of 0s and 1s for EVERYTHING, be it a picture, audio or video. Keep that in your mind as we move onto the next section.

Ok, but how do these 0s and 1s travel from one device to another? The credit goes to electromagnetic waves! But why did we choose waves? Because they are not solid nor liquid and so transmission is easy. They bounce when confronted with an obstacle and keep travelling, well, till it's strength goes away. And now I can guess your question? "But how do waves carry these combinations of 0s and 1s?" Isn't it? Well to answer that, we might need to know a little bit of physics. Don't skip the article. It's simple, believe me. Every sound wave has a frequency, which is scientifically "number of oscillations per second". To better understand, a bear's growl has lesser frequency than when you scream!









Now to say, when a device receives a wave, it understands the as 1s and as 0s.



How 3? Remember what we discussed earlier.

So when we send a message to our friend, our device converts it into a combination of low and

high frequency waves. His device receives and converts them into 0s and 1s, and voila! We've sent him a "Hi"!

The same when done using a satellite, enables us to connect with people across boundaries. As simple as that!

Thanks for taking time to know this little piece of information!

Credits:https://www.youtube.com/watch?v=Ax7dYaRiY6o

MERRIL SAM SHIJU XII-B2

Android 12

Google has come out with a new OS, Android 12.

The main shift in Android 12 is the design. Google has unveiled "Material You". The official website of Material said, "Today at I/O we unveiled Material You, a radical new way to think about design. Material You will transform design for Android, for Google, and for the entire tech industry." As we can interpret, this is a huge redesign from their previous versions, transforming the whole aesthetic of Android. Google has rethought every single aspect from colours to shapes, light and motion.

Android 12 has aimed at making your Android smartphone feel more personal. Even the name Material You indicated that. The users will be able to completely change their Pixel phones by choosing custom colour palettes. Using what Google calls "Colour Extraction", the system will automatically configure the colours of the whole device.

The buttons and text sizes have been increased for better viewing experience, and the apps icons can also be themed.

Privacy controls have gotten several updates as well. Though privacy is not something you relate much with Google, Android 12 has integrated more privacy for your phone. You get a separate "Privacy Dashboard" which gives a complete timeline of apps using your data. They have also included indicators that appear on the top of the screen every time your camera or microphone is being used, and we can now see a Phone call indicator on the status bar.

The Wi-Fi and Mobile Data toggles have now returned to the Internet section. There is also an improved cropping tool for resizing images.

Thay have also included a Game Dashboard, which is quickly accessible while playing games.

The recents menu has been improved with quick image sharing.

These are all the main updates we have seen till now.

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https://9to5google.com/2021/08/11/android-12-beta-4-hands-on-top-new-features-video/

https://material.io/blog/announcing-material-you

AADARSH MK IX-D

A CAT, A DOG

A cat is sweet,

A cat is cute.

A dog is sweet,

A dog is cute.

A cat says meewoo,

A dog says bow.

What do you have?

A cat or a dog?

DEVARCHANA P

II-C

iOS 15

Apple has announced iOS 15 to be released later this year. It has got many privacy updates, and overall changes in the software.

Face Time has more features that let you watch movies or listen to songs together by sharing your screen. Spatial audio is also introduced, so it feels like we are talking to each other in person. A new grid layout has also been introduced, that lets more people be visible in group calls, portrait mode which blurs out your background and focuses on you, Voice Isolation that cuts off background sounds and focuses on your voice. And finally, the thing we have all been waiting for – Face Time links. We can now create links for Face Time calls, and you can attend these calls on the web using this link on Android, or even Windows!

There is a separate section called "Shared with you" in Apple TV, music, and photos. When someone sends you media over messages, they get automatically assigned to this "Shared with you" section. And "Photo Collections" have been introduced. Multiple photos in Messages now appear as a collage or an elegant stack of images that you can swipe through.

Apple has also introduced "Focus" in iOS 15. It lets you separate work and personal life. You can set your focus to different modes, and it will be alerted to all your contacts. The Notification panel has been redesigned as well.

Maps has received a huge update, we can now view streets and landmarks in 3D, and we can also use AR to guide us through the streets while walking.

Tabs in Safari have got a new design, and Tab Groups have been introduced as well. We can also use Safari extensions on iPhone now.

Photos has also gotten a new feature, Live Text, which can detect text in any photos, select them, and even translate the text. Photos has also been integrated with visual look up. It can identify a book cover, album covers, dog breeds, or even different types of flowers.

Spotlight search can now hold more information, and we can also look up contacts, and make calls within spotlight itself.

Privacy settings have also been updated. With iCloud+, we can now use Hide My Email to subscribe to newsletters or blog pages with a random email, and the updates will be sent to this email and forwarded to our inbox. Now, we can also browse securely and hackers cannot use our IP address to create a detailed profile of us. Siri also has been updated so that there is on-device recognition, that doesn't need you to send your requests to another server to process.

These are all the main updates coming up in iOS 15.

References: https://www.apple.com/in/ios/ios-15-preview/

iPadOS 15:

iPadOS 15 is the new OS coming up for iPad. It is similar to iOS 15, but with a few extra features specifically for iPad, including better multitasking features. You can get more information from this website:

https://www.apple.com/in/ipados/ipados-preview/

ANIRUDH SRIRAM

IX-C

SUSTAINABLE DEVELOPMENT

Over the past few years the population of the world has been increasing at an alarming rate. The world is currently facing many problems such as environmental degradation, over-dependence on non-renewable sources of energy, exploitation of energy resources, which results in a decline in the standards of living. This calls for a Sustainable development of resources. Sustainable development aims to facilitate growth that aligns with the present needs without compromising the availability of resources for future generations by not harming the environment.

Sustainability is all about long term preservation of energy and resources rather than consuming them incessantly for satiating short-term needs. In the process of urbanization, industries are degrading the environment with their continuous use of natural resources. Sustainable development is all about new technology, companies environment, without causing harm to the environment. Human survival has been brought under threat due to environmental degradation due to increasing population, economic development and deforestation. With the increase in vehicles and industries, greenhouse gases like carbon dioxide, methane are polluting the earth which has led to an increase in the temperature. The greenhouse gases have resulted in the melting of ice caps leading to a rise in sea levels. The government and citizens of the country must take necessary important steps to bring sustainable development.

Instead of using petrol and diesel vehicles we can use eco-friendly vehicles such as electric cars, solar cars and etc. We can also try to use bicycles to move from one place to another which can reduce the pollution and at the same time it acts as an exercise. We can also try to recycle things such as plastics, metal, aluminum cans, tyres because they are not degradable and if we recycle them, it reduces the amount of waste we send it to the landfills.

So the conservation of the resources and lives of the future depending on these resources lies in our hand. Hence we must not exploit the resources and we need to conserve it for the future generations.

> HARSHITH BALAJI X-C

My Teacher

My teacher is very nice
She tells us stories of pies
She is very polite
I talk about her at night
She teaches us maths
And tells us amazing facts.

SHRUTHI SAJJA

II-A

PROTECTION OF SELF IDENTITY ONLINE

The internet is a vast virtual platform filled with relevant and irrelevant information. Considering its ease of access and potential of mediating a multitude of human activities, nowadays much of business and commerce activities, communication and interconnection, entertainment, information and educational sources have majorly shifted online.

In the times when much of the real world is being actively engraved into this novel platform, this shift has dragged along people with various needs, online. A downfall of such a shift is that hackers and cyber criminals have been having much luck of late exploiting unaware masses for their own benefits. The most serious digital attack on an individual is the theft of their identity. This act can include the gathering of a person's business details, bank details and other online personal account details, such as username, password, pin number etc. This leads to adverse consequences such as financial loss, public defamation, cyber harassment, cyber stalking etc.

It is advisable to be aware and caution of such attacks all the time when online. The common ways for cyber criminals to reach common people is through phishing websites, phishing apps, fake advertisements, email spams, and through any other unverified source. It is very important to make sure that we enter into a secure digital space when browsing the internet and click on authenticated sources. Using strong passwords and different passwords for different sites, installing a trustable antivirus, antispam, antispyware etc., private browsing whenever possible, signing out of accounts when done working with them are some ways that help secure one's identity online.

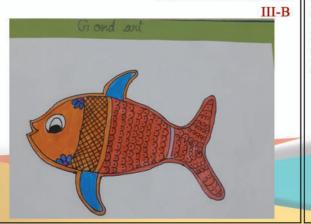
During desperate times such as a global pandemic when even everyday school has been shifted online, it is of utmost importance to ensure our privacy in the place we spend much of our time in.

> RAAHUL.M XI-A2

GOND ART

Gond art is an ancient art form practiced by the Gond tribe from Madhya Pradesh. They paint everyday life and nature, with materials such as leaves, charcoal, cow dung, flowers and plant sap. These paintings are very colorful.

ASMA PAZHANIVEL



I'm Thankful

I'm Thankful for the sunshine bright
For the rain & for the stars at night
I'm thankful for each flower & tree
And all the beauty that I see
I'm grateful for the singing birds
And for my mother's gentle words

I'm grateful for my kind friends and family To hold me close to their hearts warmly.

> VIDHI JYOTSNA SINGH III-B

Day Of The Clay

Children playing with the clay

Having fun all the day
we want pizza children say
Mother say it's on the way
clean your hands mother say's
Blowing candles eating cake
It's My Birthday,
Everyone singing Happy Birthday
And that's the end of our FUN DAY.

VIDHI JYOTSNA SINGH III-B

My Experience About Online Classes

I am S.Keerthi Nisha, studying in grade III B. Last year I started my online education. I am going to share my experience and views about online class with you. I take my online classes either through my mobile or computers from my home. I need not travel to school. Hence it saves my time, fuel and energy. I also get class work, notes online, so whenever I am free I can write my notes, without any hurry that the period will end before I finish my class work.

My teacher teaches me through online and all the classes are recorded. So if I forget any concept or if I had missed any class due to network issue, then I can watch the recorded class video and recall it. The only drawback in this online class is that, I miss my friends and teachers physically. I even miss the lunch breaks and intervals. But even in this corona pandemic period, online classes have helped all the students to continue their education without wasting their time. Thanks to the online classes.

KEERTHI NISHA .S III-B

समाज में व्यक्ति की पहचान उसके पोशाक

यह सच है कि आज के समय में इंसान को उसके पोशाक या पहनावा, के आधार पर आंका जाता है। एक अच्छे पोशाक वाला व्यक्ति आमतौर पर अमीर और अच्छी तरह से शि क्षित होता है जबकि एक खराब कपड़े वाला व्यक्ति निम्न सामाजि क आर्थिक पृष्ठभूमि से होता है और आमतौर पर अशि क्षित होता है। एक अच्छे पोशाक पहने व्यक्ति का समाज में सम्मान होता है और लोग ऐसे लोगों की मदद करने का मौका पाने के लि ए तैयार और उत्सुक रहते हैं। लेकिन एक गरीब पृष्ठभूमि के व्यक्ति को समाज में कोई भी काम करवाना बहुत मुश्कि ल लगता है। उदाहरण के लि ए, यदि किसी सरकारी या निजी कार्यालय में कोई काम करने की आवश्यकता है, तो हमेशा एक अच्छे पोशाक पहने व्यक्ति को वरीयता दी जाती है। वह कतार से बचने में सक्षम हो सकता है, और अधिकारी उसकी शंकाओं को समझाने और स्पष्ट करने के लि ए उत्सुक हैं और काम को तेजी से पूरा करने में उसकी मदद करते हैं। लेकिन एक गरीब आदमी को अक्सर पूरा दिन एक काउंटर से दूसरे काउंटर पर दौड़ते हुए बिताना पड़ता है, लंबी कतारों में इंतजार करना पड़ता है और अगर उसे विवरण नहीं पता है या काम पूरा करने के लि ए प्रासंगिक दस्तावेज नहीं हैं तो उसके साथ अशि ष्ट व्यवहार किया जाता है। इस प्रकार का व्यवहार इसलि ए है क्योंकि लोगों का मानना है कि अगर मैं किसी अमीर और प्रभावशाली व्यक्ति की मदद करता हूं, तो मैं अपने जरूरत के समय में बदले में एक एहसान की उम्मीद कर सकता हूं। किसी व्यक्ति को उसके पहनावे के आधार पर आंकने की यह प्रथा बहुत गलत है और मेरी राय में इसे एक सामाजि क बुराई के रूप में माना जाना चाहिए। यद्यपि पैसा, शि क्षा और पहनावा व्यक्ति को बाहर से बहुत आकर्षक बना सकता है, लेकिन उसमें व्यक्ति के आंतरिक चरि त्र को बदलने की कोई शक्ति नहीं है। वह अभी भी अंदर से बहुत दृष्ट हो सकता है। अभि मान और स्वार्थ लोगों से बहुत गलत काम करवा सकते हैं। एक गरीब आदमी में भी ऐसे बुरे गुण हो सकते हैं। इसलि ए, मेरी राय में, किसी व्यक्ति को उसके पहनावे के आधार पर आंकने के बजाय, हमें लोगों को ध्यान से देखने और अंदर के चरि त्र को समझने की कोशि श करने की आदत बनानी चाहिए। यदि किसी गरीब व्यक्ति द्वारा अच्छा चरि त्र दिखाया जाता है, तो उसे बुरे चरि त्र वाले अच्छे पोशाक पहनने वाले व्यक्ति से अधिक सम्मान दिया जाना चाहिए।

நிகழ்நிலை விளையாட்டின் அபாயம்

கொரோனா ஊரடங்கு காரணமாக வீட்டில் இருக்கும் மாணவர்கள் இணையவழியில் நடக்கும் நிகழ்நிலை வகுப்புகளில் பங்கேற்பது, படிப்பு தொடர்பாக இணையத்தைப் பயன்படுத்துவது போன்றவை இன்றைய காலகட்டத்தில் தவிர்க்க முடியாதவை. இதில் நன்மைகளும், தீமைகளும் உள்ளன.

இணைய வழி நிகழ்நிலைக் கல்வியின் நன்மைகள்:

- இணையவழிக் கற்றலினால் குறைந்த நேரத்தில் அதிக தரவுகளைப் பெறமுடிகிறது.
- ஆசிரியர் நடத்தியதை மீண்டும் மீண்டும் கேட்பதன் மூலம் கற்றல் வலுப்படுகிறது.

இணையவழி நிகழ்நிலைக் கல்வியின் தீமைகள்:

- இணையவழிக் கல்வியில் கற்றலுக்குப் பயன்படுத்தப்படும் கணினி, கைப்பேசி போன்றவற்றால் கண் எரிச்சல், நீர்வடிதல், பார்வை குறைபாடு போன்றவை ஏற்படுகின்றன.
- இணையவழிக் கல்வியில் மாணவர்கள் எப்பொழுதும் தகவல் தொடர்பு சாதனங்களின் முன்னே அமர்ந்து கற்பதால் உடற்சோர்வு, மன அழுத்தம் போன்ற நிலைக்கு ஆட்படுகின்றனர்.
- இதில் மிக முக்கியமாக சிலர் இணைய விளையாட்டுகளுக்கு அடிமையாகின்றனர். இணையதள விளையாட்டுகள் பிள்ளைகளின் நேரத்தையும், பணத்தையும் வீணடிப்பதுடன் அவர்களின் மனநிலையையும் பாதிக்கச் செய்கிறது. எனவே இணைய விளையாட்டு, இணையத்தில் அதிக நேரத்தை செலவிட விடாமல் தடுத்தல் போன்றவற்றில் பெற்றோர் பங்கு அதிகம் உள்ளது. வருமுன் காப்போம் என்ற விழிப்புணர்வு பெற்றோருக்குத் தேவை. அதற்கான வாய்ப்பு இணையதளத்திலேயே உள்ளது. குழந்தைகள் எவ்வளவு நேரம் இணையதளத்தில் செலவிடலாம் என்பதை பெற்றோர்கள் செல்பேசியில் அமைக்கமுடியும். குறிப்பாக "மைக்ரோ சாப்ட் பேமிலி லாக் பேரண்ட் கண்ட்ரோல்" எனப் பல வழிகள் உள்ளன. விளையாட்டு விணையாகாமல் இருக்க பெற்றோர்கள் மிக கவனமாக இருக்கவேண்டும். அவ்வாறு எச்சரிக்கையுடன் செயல்பட்டால் இணையவழிக் கல்வி இன்பம் கொடுக்கும்.

இ.கணேஷ் குமார்

L'enthousiasme d'apprendre une nouvelle langue à l'école

La motivation qui me fait étudier une nouvelle langue

J'aime le cours de français parce que c'est très intéressant. J'adore la professeure de français et aussi à apprendre une nouvelle langue comme le cours est très passionnant. Je peux bien comprendre les leçons. Quelques mots comme oignon est très drôle pour moi. J'aime beaucoup les histoires que la professeure montre vers la fin du cours.

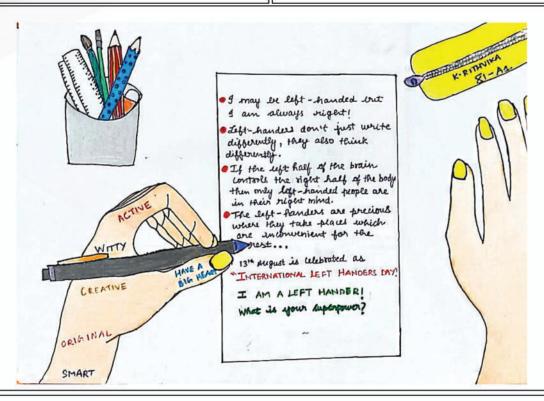
ADHI RADHAKRISHNAN

VI-A

L'amour pour étudier une langue étrangère

J'aime la langue française parce que c'est une nouvelle langue. J'aime la prononciation des mots français et en plus j'adore cette langue comme c'est très intéressant et ça fait partie de la culture de Pondichéry. Un jour, je veux aller en France et manger les pâtisseries.

ILA NISHAD VI-B



KG INDEPENDENCE DAY CELEBRATION

Kindergarten celebrated Independence Day virtually on 13th August 2021, Tiny tots indulged in singing patriotic songs, dancing and doing craft activities of tricolor flag. The kids were dressed up as freedom fighters and in tricolor dresses and made the occasion a memorable one. JKG Student danced for a patriotic song and an SKG Student gave a speech about Independence Day. Teachers presented a lot of information regarding Independence Day and our national symbols. Students enjoyed doing the activity on tiranga flag.



Our efforts to inculcate interest and curiosity among children for learning and appreciating the various facts of India, including our rich history and diverse cultures, will not be restricted to just one day but it will be an ongoing activity through out the year. Aboveall, we aim to imbibe in our children, high moral values and a deep sense of respect for the environment and their fellow human beings, which will ultimately help them grow up as responsible citizens of the country." The kids truly had ablast in these celebrations.









Feedback

I am Dr.Swaramya, Ms.Samatmika's mother from SKG-A

Here is my feedback for the sports event conducted for her grade.

It has been a tremendous effort form the organizing team of teachers. At every phase planning was meticulous and well executed.

- 1) Well in advance, the events were announced and demonstration sessions with recorded videos were sent. This gave us ample time to make the kids understand.
- 2) On the sports day, Samatmika was happy seeing her teachers out of routine, in a fun-filled environment. She found the water-balloon game very exciting and we were in peals of laughter at the end of it. The events were fun-filled and easy for us to perform at home. I only wish the parent did not have to get wet with the balloon, though she enjoyed seeing me drenched!
- 3) Credit has to be given where due. Despite all school sessions being online, I must thank you for trying to simulate a school experience with sincerity. You went the extra mile in planning out the sports day and letting the children experience a near-normal school routine.

Regards Swaramya 24/8/21

Dear Sir/madam.

My daughter, Shraddha Mohan of III A is a new admission and we could not have asked for a better school for her under the current circumstances. The virtual Independence day celebrations was a great effort by the school to remind our children the history of our Independence and the hard fought freedom we enjoy today. It is very important for the future generations to remember the sacrifices made by their forefathers. We, as parents too enjoyed hoisting the flag, albeit virtually!

I must mention that all the teachers have put in a lot of effort to make the whole program interesting. A special mention of Rita maam, who is my daughter's class teacher. I can see my daughter open up from a shy girl to a more interactive child under the guidance of Rita maam. If she is able to do this virtually I cant wait for the regular school to commence. Once again, thank you for all the different activities provided for the all round development of the child. Very happy to be associated with The Study. Thank you and god bless.

Brain Teasers



- 1. How do you put an elephant into a refrigerator?
- 2. How do you put a giraffe into a refrigerator?

Did you say, Open the refrigerator, put in the giraffe, and close the refrigerator?

Wrong Answer.

- 3. The Lion King is hosting an animal conference. All the animals attend... except one. Which animal does not attend?
- 4. There is a river you must cross but it is used by crocodiles, and you do not have a boat. How do you manage it?

Edition: 4 Quiz Answer

SU DO KU: The sum is 45

7	9	4	3	2	8	5	6	1
2	5	6	7	1	4	3	8	9
3	8	1	5	9	6	7	4	2
8	7	9	4	5	1	2	3	6
4	3	5	6	7	2	9	1	8
6	1	2	8	3	9	4	7	5
9	4	3	1	6	5	8	2	7
5	6	7	2	8	3	1	9	4
1	2	8	9	4	7	6	5	3

6	4	5	2	9	7	3	1	8
1	3	9	4	8	5	2	7	6
7	2	8	6	3	1	4	9	5
4	6	2	1	7	8	5	3	9
8	1	3	5	4	9	7	6	2
9	5	7	3	6	2	1	8	4
3	8	6	7	5	4	9	2	1
5	7	1	9	2	6	8	4	3
2	9	4	8	1	3	6	5	7

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4	3	5	6	9	1	7	8	2
9	2	8	7	3	4	6	5	1
8	7	9	4	2	3	5	1	6
1	5	4	9	6	7	8	2	3
3	6	2	8	1	5	9	4	7
6	4	7	1	5	8	2	3	9
5	9	3	2	4	6	1	7	8
2	8	1	3	7	9	4	6	5

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1	4	7	8	3	9	6	2	5
2	3	9	5	6	1	8	4	7
8	5	6	4	2	7	1	9	3
7	9	4	3	1	2	5	6	8
3	2	8	6	7	5	4	1	9
6	1	5	9	8	4	3	7	2
4	7	3	1	9	8	2	5	6
9	8	1	2	5	6	7	3	4
5	6	2	7	4	3	9	8	1

MATHS QUIZ ANSWER

1. Ans: The answer is 5 pages. Considering the first page starts on the right hand side, then page 2 is printed on the back of the first page. It means that any two consecutive odd-even numbered pages will fall on the same page while two consecutive even-odd pages will fall on two different consecutive pages. So considering this, 5 pages of the book were torn by the boy.

2. Ans: 21978

A=2 B=1 C=9 D=7 E=8

3. Ans: 3

4. Ans: Any number

5. Ans: 141

SOCIAL QUIZ ANSWER

- 1. Khan Abdul Ghaffar Khan
- 2. 1993
- 3. Cartography
- 4. Sanskrit
- 5. Article 45

SCIENCE

QUIZ ANSWER

- 1. Ans: C
- 2. Ans. A
- 3. Ans. A
- 4. Ans.C
- 5. Ans: D

RIDDLES ANSWERS

- Answer: They are born in different time zones.
- 2. Answer: It is because it's 1995-1990 B.C.!
- 3. Answer: Are you sleeping?
- 4. Answer: The letter 'C'.
- 5. Answer: It's a Teapot.
- 6. Answer: They are grandfather, father and son.

Edition: 5 Quiz

UNUSUSAL SUDOKU

Jigsaw Sudoku

- Jigsaw Sudoku's other name is Irregular Sudoku.
- Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column, and outlined region.

		4				3		
	9		4		1		5	
6								4
	8		7		4		3	
		-		5				
	1		9		6		4	
2								3
	5		8		2		1	
		9				2		

Anti-Diagonal Sudoku

- In Anti Diagonal Sudoku variation, 3 numbers on the main diagonals are repeated thrice
- To solve Anti Diagonal Sudoku, one has to concentrate on the diagonals and try to find out the three numbers which will be repeated on the diagonals.

			7	2				
5	1					3		
								8
3				6			8	
			9	X				1
	7	9				6		
	4		8					3
			6				/	
				3	5			/

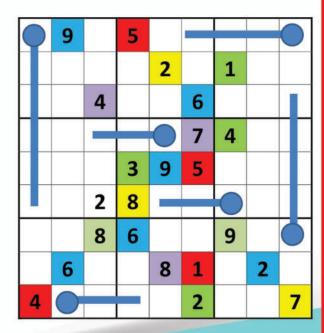
Double Sudoku

- Fill in the grid so that every row, every column, and every box 2x4 contains all digits 1 through 4 twice.
- Cells with the same digits may not touch each other neither horizontally nor vertically.

2		4			3		
			1	3			1
	4				2		
1			4				4
				4			
	3	4			1		
			4			1	
4				1			4

Thermo Sudoku

• some thermometer shapes are in the grid; digits must be strictly increasing from the round bulb to the flat end.



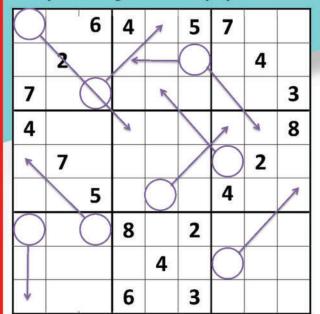
SU DO KU

Arrow Sudoku

• the number placed in a cell with a circle must be the sum of the numbers placed in cells the adjoining arrow passes through. Numbers may repeat on arrows

Even Sum Sudoku

• sum of digits in the two continuous horizontal or vertical greyed cells should be Even.



2			8		7			4
7		4		3		5		2
	7		5		2			
		5		8		9		
			7		3		8	
1		3		5		7		6
5			3		4			8

-V.L.CEMBORUTCH SELVAN

11-A1

Maths Newsletter Puzzles

1)A Pizza delivery boy named Mahesh wanted to give 20 pizzas to the office. He had bags which can carry a maximum of 10 pizzas. There were ten guards standing at different positions near the office. Each guard would take one pizza from each of the bag. (i.e. if the Delivery boy carries 2 bags, and there are say 10 pizzas in each bag, the first guard would take 1 from each bag i.e. total of 2. And all other guards would do this.) In order to give 20 pizzas to the office, how any minimum pizzas the delivery boy should carry?

- a) 20
- b) 132
- c) 66
- d) 99

2) When the units and tens digits of a certain two-digit number are reversed, the sum of the two numbers is 121 and the difference is 9. What is the tens digit of the original number?

- a) 1
- b) 3
- c) 4
- d) 6

3) When a student weighing 54 kg left a class, the average weight of the remaining 59 students increased by 100g. What is the average weight of the remaining 59 students?

4) A man is paid Rs. 240 plus one coat for one year service. However he left after 9 months and receives Rs. 150 and a coat. Then find the price of the coat.

5) Pooja went to Singapore with her husband. It rained for 13 days. But when it rained in the morning, the afternoon was lovely. And when it rained in the afternoon, the day was preceded by clear morning.

Altogether there were 11 very nice mornings and 12 very nice afternoons. How many days did their holiday last?

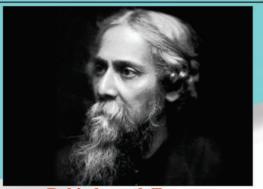
Niranjana, XI-A1

Social Science Riddles

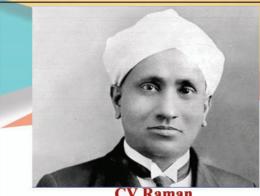
- 1. Who hates the number "6"?
- 2. Who likes masses but hates mass?
- 3. Name a country which resembles a person who always disrespect other people suggestions even though, they were correct.
- 4. A culture which originated in the Neolithic period.
- 5. Which science doesn't contain the concept of Chemistry fully?
- 6. Do I score a goal when I build a Dam?

Sree Raj Muthaiya.A.L

Nobel Laureates of India



Rabindranath Tagore Nobel Prize for Literature (1913)



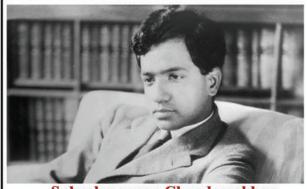
Nobel Prize for Physics (1930)



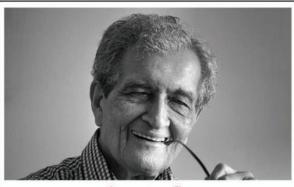
Har Gobind Khurana **Nobel Prize for Medicine (1968)**



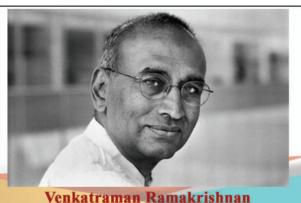
Mother Teresa Nobel Peace Prize (1979)



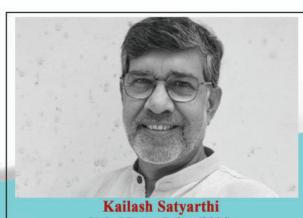
Subrahmanyan Chandrasekhar **Nobel Prize for Physics (1983)**



Amartya Sen **Nobel Prize for Economics (1998)**



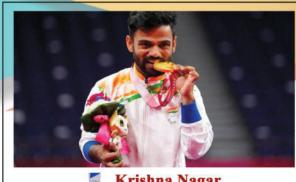
Venkatraman Ramakrishnan Nobel Prize in Chemistry (2009)



Nobel Peace Prize (2014)

India's Tokyo-2020 Paralympics Medals





Krishna Nagar
Badminton
GOLD



Manish Narwal
Shooting
GOLD



Pramod Bhagat
Badminton
GOLD



Sumit Antil
Athletics
GOLD



SILVER



Devendra Jhajharia

Athletics
SILVER





















BRONZE



GALLERY

ABIGAIL BAZROY VIII-C



ASMIKA LÈA S JKG-A



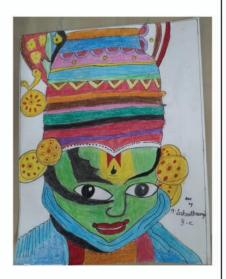
BHADRAJA S VI-A



OVIYA K VII-D



GAYANTHIKA V VIII-C



LESHANTHRAMGI M II-C



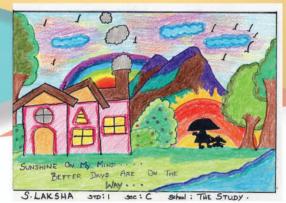
SHASHMITH SAI.M JKG-A



SYED AHAMED III-B



HARSHIKA K XI-A1



LAKSHA S I-C



ARKA TIWARI VII-A



ANANYA SAHU II-C



THANITH R I-A



ADVIK JAIN A II-C



SHIVANI VII-D



SHAI SHAMIISHTA R VII-C

GALLERY







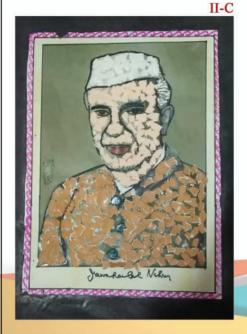
TRISHA PRASAD VIII-A



LESHANTHRAMGI M



SOURIK BHADRA SKG-A





KRITHIK SARATHI

GALLERY



SAHANA III-B



ABHINAV SUDARSHAN.S I-B



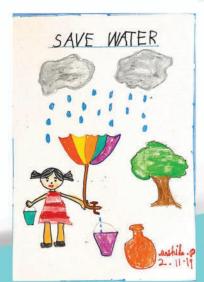
KEERTHI NISHA S III-B



VISHNUVARADHAN P I-B



VIDHI JYOTSNA SINGH III-B



MOSHIKA P II-C