

ASSISI BLOSSOM

2022 - 24



**“Let your light so shine before men,
that they may see your good works,
and glorify your Father who is in heaven” (Bible)**

Vision and Mission

We, the Franciscan Clarist Sisters, filled and led by the Spirit, engaged in the apostolate of education, aim at the formation of an integrated person with a mission of establishing the reign of God.

The acceptance of fatherhood of God and universal brotherhood is the eternal motivation and goal of our education.

Trusting in the providence of God, we instill in our students the Gospel values - love, truth, justice, forgiveness, tolerance and concern for others to help them to achieve harmonious integration between religion and life and thereby become a channel of peace.

Our education imparts an appreciation of the Indian Heritage and enables the students to imbibe its culture and ethos for building of a harmonious society, irrespective of faith, language, caste and sex.

Awaken a sense of eco-consciousness and love for nature is one of our objectives. Above all, our target is education for all, especially for the poor and the marginalized, recognizing the face of Jesus in them.



“A merciful heart does not mean a weak heart. Anyone who wishes to be merciful must have a strong and steadfast heart, closed to the tempter but open to God. A heart which lets itself be pierced by the Spirit so as to bring love along the roads that lead to our brothers and sisters. And, ultimately, a poor heart, one which realizes its own poverty and gives itself freely for others.” -Pope Francis





RAHUL JOHRI
Editor



Like a lighthouse, education illuminates the path forward, casting light on the dark corners of misunderstanding and providing direction amidst the tumultuous waves of uncertainty.

At its core, a lighthouse serves as a symbol of guidance and safety, offering reassurance to sailors navigating treacherous seas. Similarly, education serves as a steadfast guide, empowering individuals to navigate the complexities of life with knowledge and understanding. Just as a lighthouse stands tall against the elements, education withstands the test of time, offering timeless wisdom to those who seek it.

Much like the beam of a lighthouse pierces through the darkness, education dispels ignorance and fosters enlightenment. It ignites curiosity, sparking a thirst for knowledge that propels individuals on a lifelong journey of learning. Through education, minds are opened, perspectives are broadened, and the boundaries of possibility are expanded.

Moreover, just as a lighthouse serves as a point of reference for sailors, education provides a foundation upon which individuals can build their futures. It equips them with the tools necessary to navigate the complexities of the modern world, empowering

them to chart their own course and pursue their dreams with confidence.

In essence, education is the lighthouse that guides humanity towards progress and enlightenment. It stands as a testament to the power of knowledge and the enduring quest for understanding. Just as a lighthouse remains steadfast in the face of adversity, education perseveres in the pursuit of truth and enlightenment.

However, like any beacon, education requires nurturing and support to continue shining brightly. It is incumbent upon society to invest in education, ensuring that it remains accessible to all and continues to serve as a catalyst for positive change. By prioritizing education, Assisi Convent School Etah not only invest in the future of individuals but also in the future of society as a whole.

In conclusion, the metaphor of the lighthouse encapsulates the transformative power of education. Like a beacon in the darkness, education guides individuals towards enlightenment, empowers them to navigate life's challenges, and serves as a symbol of hope for a brighter future. Let us, therefore, strive to uphold and celebrate the invaluable role that education plays in illuminating minds and shaping the course of humanity.



Provincial's Message

“Behold I send you out as sheep in the midst of wolves, so be wise as serpents and innocent as doves” (Mt:10:16)

God wants us to be not only intelligent but prudent.

They are those who are able to choose in the midst of the wind and waves of daily life. They weigh the situation seek advice and with inner freedom choose upon which path to embark.

“Our life is to be a pilgrimage of hope” (Pope Francis). Our life is a journey to discover the love of God and discover ourselves nourished by our relationship with others. We are called to love God and to love one another to advance towards a new world where people can live in peace, justice and love. We are pressing towards a better future in a world faced with challenges. Failures and obstacles may arise along the way.

The world needs to be a safe place for everyone and this responsibility will be passed on to the shoulders of the young minds. Dear students, imbibe wisdom, knowledge and courage from the Lord through your institution, teachers, parents and take up the great responsibility heading towards you.

Let us thank God Almighty for the marvellous heights this temple of learning scaled during this span of time and the excellent results brought about by the past years. I thank Sr. Jeslit, Manager of the school, Sr. Anjali Maria Principal, Staff members and parents for your love, sacrifice and cooperation with which you help the children to reach great heights of their life.

Let us commit ourselves to caring lovingly for those around us. Let us rise up and set out as pilgrims of hope, becoming messengers of joy, life and peace.

Sr. Ann Joseph
Provincial Superior
San Damiano Province, Noida



Manager's Message

“Commit your works to the Lord and your plans will be established” (Holy Bible)

It is my great privilege to communicate through the magazine ‘Assisi Blossom’. Congratulations and appreciation to the diligent and meticulous team of teachers and young authors who have contributed much for this beautiful magazine.

Education aims at integrity of life. When we live with integrity, our life will definitely be untouched and unshaken by altered circumstances. It is the assimilation of onward action with moral and religious values. It is a life of truthfulness and simplicity which helps us to face the challenges of life bravely and successfully. Education becomes the foundation to build the personality and form the character of a child. School education includes learning of life skills to encounter the challenges of one's life journey. The motto of our school is Truth, Love and Service. Through this motto our school vibrates the elements of compassion, good will justice, peace and truth and integration of creation. On the foundation of our Constitution the system of education upholds fraternity, equality and other human and humane values. Today we live in the world of high tech communication or Social media. Our students are to be educated to discern and choose the right way holding the values. As education is a shared commitment between dedicated teachers, motivated students and enthusiastic parents, let us work and serve individually and collectively for the betterment of society and coming generation.

May the Almighty God bless you all and accompany in your journey to the future and lead and guide you.

Sr. Jeslit
Manager



From the Principal's Desk

“Education is, in a very special way, the concern of the church,” said the Second Vatican Council (GE3)

Education, as the formation of the human person, is a universal right; All men and women of every race, condition and age, since they enjoy the dignity of a human being, have an inalienable right to an education that is in keeping with their ultimate goal, their ability, their sex and the culture and tradition of one's society.

“Education is fundamental for achieving full human potential, developing an equitable and just society, and promoting national development” (Introduction to NEP 2020)

We try to impart holistic education that is the development of the whole person-intellectually, emotionally, physically, socially and spiritually. This is possible only when the approach towards children as individuals with unique needs and talents are recognized and encouraged.

Today the students have an ocean of opportunities before them to develop their talents. Surely the technology emerged as a saviour for many sectors even during the pandemic. The technology help the students to access content, apps, Artificial Intelligence (AI), usage of 5G Technologies are all becoming part of education today.

However, with the increasing reliance on technology, there is growing concern that it may be doing more harm than

good, especially for students if we the elders including the teachers and parents do not guide the students or follow up their activities. While technology has the potential to enhance learning, it is also having a negative impact on student's mental health, social skills, and academic performance.

The extensive use of technology among students has been linked to a range of mental health problems such as anxiety, depression, and loneliness. The constant exposure to social media, online gaming, and other digital distractions is creating a generation of students who are addicted to their screens.

Therefore, I humbly request parents to spend enough time with your kids.

The phrase "fearing God is the beginning of wisdom" is a biblical proverb from Proverbs 9:10. It means that having a deep and abiding respect for God is the starting point for gaining wisdom and knowledge. Hence teach the students to stand before the Lord as the day begins and ends.

Practice what you preach. Very often we do command our students which we do not practice. Very specially having Face Book, Instagram accounts etc. If you are careful in these things, you can gain your children.

Sr. Anjali Maria



Vice Principal's Message

“Knowing is not enough: we must apply. Willing is not enough; we must do.” –Johann Wolfgang von Goethe

Dear students have you heard about Marie Curie? She is remembered for her discovery of Radium and Polonium and her huge contribution to finding treatments for cancer.

Marie Curie was one of the first women to earn a Ph.D., and the first European woman to earn her doctoral degree. It took Marie over three years to isolate one-tenth of a gram of pure radium chloride, and she never succeeded in isolating polonium because of its very short half-life: 138 days. Her work led to the eventual development of nuclear energy and radiotherapy treatment for cancer patients that have advanced over time and are still used today over time. Failing to link their stacking health and pain problems to the radium they were working with, both Marie and her husband ended up with several chronic pains and illnesses. After the tragic death of her husband, Marie continued her work in isolating radioactive elements. She spent her life proving radium was one element rather than a compound of elements. Together with her husband, she was awarded half of the Nobel Prize for Physics in 1903, for their study into the spontaneous radiation discovered by Becquerel, who was awarded the other half of the Prize. In 1911 she received a second Nobel Prize, this time in Chemistry, in recognition of her work in radioactivity. **Marie Curie's life as a scientist was one which flourished because of her ability to observe, deduce and predict.**

A burning desire is the starting point of all accomplishment. Do you have a burning desire to accomplish your goal? Whatever the mind of man can conceive and believe, mind can achieve.

So, **Take the initiative** –to do the best of your ability. **Be innovative** – looking for something new and be **Be creative** – to do a bit extra.

Remember, ‘**Good is not enough, when the best is in you.**’

‘**Do your work in good time and in his own time God will give you your reward.**’ (Sir 51:30)



Education Counsellor's Message

“The people living in darkness have seen a great light....
(Mt 4:16)

Education is a lighthouse guiding us towards safety, connectivity and advancing the human quest for meaning. When we find ourselves lost at the depth of the sea of life, the lighthouse in our lives brings us peace and navigates us back home.

A lighthouse is a tower topped with a bright light called beacon. Sailors to help guide the ships at night use the **beacon**, which is a light at the top. Assisi Convent School, Etah is the beacon of the Light House in Etah District. Whatever may be the size, colour or shape, the light of the Lighthouses serve the same purpose. Lighthouses serve as symbols of hope to this day. Assisi is not an exception to this, from 1962 until date; it is a symbol of hope and shelter in darkness. As the foundation of the lighthouse keeps it falling over, the strong foundation of our school kept its students not to fall but to rise.

Many people see the light emanating from a lighthouse as a representation of inner wisdom, intuition, and spiritual illumination. It reminds us to tap into our inner light and knowledge to navigate our spiritual path.

When we turn the annals of **Light House**, the School Magazine we could realize the fact that the higher the light, the more it will be visible for the people. It may assist you to approach the anchor.

Although now, because of modern technology, the lighthouses are considered obsolete, but this monument still stands as a beacon in the educational lighthouse. Students of the years were looking toward **ASSISI** to be a pillar of hope.

The Lord is my light and my salvation (Ps 27:1) – so why should I be afraid? The Lord is my fortress, protecting me from danger, so why should I tremble? Are you allowing God to act as your lighthouse? You trust in him and ask him, he will go before you guiding and protecting you all of your days. Jesus' light beams through the oppression to guide us into the safety of God's presence.

“For thou art my lamp, Lord, and the Lord will lighten my darkness.(2 Samuel 22: 29)

Sr. Therese Porathur FCC



Message

**“You are the light of the world
Let your light shine before all.” Mt 5: 14,16**

‘What we are is a gift of God; what we become, is our gift to God.’

Yes, this is what we have to achieve through education to enable each child to become a beautiful gift for God.

How is it possible through education? Education as universally acclaimed is the drawing out of the best in a child. God has gifted each person with a variety of talents and potentialities and these are to be drawn out and to be developed through education. This will lead to the full blossoming of the personality of the child and thus we attain the ultimate aim of education.

The profession of teaching is considered as the noblest of all other professions. Here a teacher deals with human beings unlike in other profession. A child is influenced and affected by the attitudes temperaments and mood of the teacher. A teacher can develop the growth and the very personality of the child. So the children are to be handled with much love and care. A child is a lamp to be lit, not a vessel to be filled. A nod, an encouraging word and even a supportive smile can take the child upon the ladder of success within no time. He or she is the one who brings grace into the hearts of the students.

To restore the lost human values in our lives, we need men and women of character. Only through proper education, we can form the character of our children. Yes, today’s children are the citizens of tomorrow. So the future generations are moulded and shaped in the hands of the teachers: and here lies the greatness and dignity of a teacher. Dear teachers, let us live and serve up to the expectations.!

May God’s Mercy and Grace be upon us all !!

Sr. Agna
K.G. In-Charge



School Toppers

2022-23

Class XII



KALPANA YADAV
(HUMANITIES) 98%
RANK-1



AVINASH PUNDHIR
(PCB) 95.8%
RANK 2



TOSHIKA JAIN
(HUMANITIES) 94.8%
RANK 3



ABHISHEK KUMAR
(HUMANITIES) 94.4%
RANK 4



SHIVANSH MISHRA
(PCB) 94%
RANK 5

Class X



NAINA JAIN
98.2%
RANK-1



SWATI PARIHAR
97.6%
RANK-2



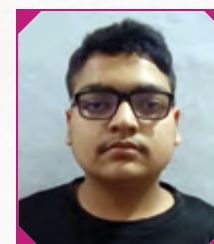
RISHABH KUMAR
97.6%
RANK-2



SEJAL YADAV
97.6%
RANK-2



PRABHAV AMORIA
97.4%
RANK-3



ANTRIKSH VERMA
97.4%
RANK-3



PRIYANSHI JAIN
97.2%
RANK-4



KHUSHI JAIN
97%
RANK-5

School Toppers

2023-24

Class XII



GARVIT KULSHRESHTHA
(SCIENCE) 95.6%
RANK 1



ANUSHKA RATHORE
(HUMANITIES) 95%
RANK 2



SHIVI SOLANKI
(HUMANITIES) 94.8%
RANK 3



VANSHIKA UPADHYAY
(HUMANITIES) 94.8%
RANK 3



SRISHTI PANDEY
(SCIENCE) 94.6%
RANK 4

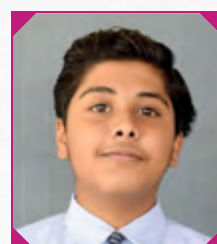


TANU CHAUHAN
(HUMANITIES) 94%
RANK 5

Class X



HIMANSHI YADAV
98.6%
Rank - 1



MOHD. FAKHRE ALAM
98.2%
Rank - 2



GARGI SHARMA
98%
Rank - 3



ASMI YADAV
97.8%
Rank - 4



VAISHNAVI YADAV
97.8%
Rank - 4



PRINCE RAJPUT
97.6%
Rank - 5

SUBJECT TOPPERS - XII

2023-2024



ANUSHKA RATHORE
ENGLISH - 99%
HISTORY - 99%



SHRISTI PANDEY
PHYSICS - 95%
CHEMISTRY - 99%
MATHEMATICS - 96%
COMPUTER SCIENCE 100%



PRATISHTHA MAHAJAN
BIOLOGY - 95%



PRAGYA YADAV
BIOLOGY - 95%



SIDDHANT JAIN
ACCOUNTANCY - 95%
BUSINESS STUDIES - 98%



PRANAY JAIN
ACCOUNTANCY - 95%



MAAHI GUPTA
ACCOUNTANCY - 95%
ECONOMICS - 99%



VANSHIKA UPADHYAY
HISTORY - 99%
POLITICAL SCIENCE-99%



TANU CHAUHAN
HISTORY - 99%
HINDI - 92%



SHIVI SOLANKI
HINDI - 92%



LAXMI
HINDI - 92%

CLASS X (90% AND ABOVE)

HIMANSHI YADAV	98.6
MOHAMMAD FAKHRE ALAM	98.2
GARGI SHARMA	98
ASMI YADAV	97.8
VAISHNAVI YADAV	97.8
PRINCE RAJPUT	97.6
KARTIKYA CHAUHAN	97.4
KANAK YADAV	97
MAHIMA CHAUHAN	97
ANANYA JAIN	97
GAURAV SINGH	96.6
MUSKAN YADAV	96.6
MUSKAN YADAV	96.6
SHAURYA YADAV	96.6
RAKSHITA YADAV	96.4
SHREYA VERMA	96.4
ADITYA KUMAR SINGH	96.2
NAITIK YADAV	96
MOLISHA JAIN	96
AYUSHI VARSHNEY	95.8
NIKITA GUPTA	95.8
TOSHI GUPTA	95.8
SHREYANSH SHAKYA	95.6
PRIYANSHI YADAV	95.6
SHRESHTHA MISHRA	95.6
LAKHAN GUPTA	95.4
SHAURYA CHANDVARIA	95.4
RUDRANSH SHUKLA	95.2
ADITYAA YADAV	95.2

KRUTI GUPTA	95.2
SHIVANGI YADAV	95
KAVYA TIWARI	94.6
DRASHTI YADAV	93.8
ATHARV SINGH	93.6
TEJAS YADAV	93.6
GARGI DIXIT	93.4
VAIBHAV KRISHNA	93
RISHA SINGH	92.8
OJASWINI VERMA	92.4
AISHWINA DAKSHA	92.4
ANUSHKA SINGH	92.2
RIYANSHI YADAV	92
DEEKSHA GUPTA	91.6
ADITYA SINGH	91.6
TEJSHAW YADAV	91.6
SAKSHAM YADAV	91.6
PRANSHI SAXENA	91.4
PRIYANSHI YADAV	91.4
SHIKHAR PRATAP SINGH	91.4
VANSHIKA GUPTA	91.2
KANISHK GUPTA	91.2
HIFZA KHAN	90.8
HARSHIT SONY	90.8
DIVYANSHI YADAV	90.6
ARPITA SHARMA	90.6
KAJAL CHAUHAN	90.4
SHIVA YADAV	90
UTKARSH YADAV	90

CLASS XII (90% AND ABOVE)

GARVIT KULSHRESHTHA	95.6
ANUSHKA RATHORE	95
SHIVI SOLANKI	94.8
VANSHIKA UPADHYAY	94.8
SRISHTI PANDEY	94.6
TANU CHAUHAN	94
MAAHI GUPTA	93.4

KHUSHI JAIN	93.2
LAXMI	92.8
SIDDHANT JAIN	92.2
PRATISTHA MAHAJAN	91
PRANAY JAIN	91
SAMBHAV JAIN	90.6
SUPARNA SINGH	90



STAFF PHOTO



SUPPORTING STAFF



THE SCHOOL MANAGEMENT COMMITTEE

CLASS - XII A



CLASS - XII B



CLASS - XII C



CLASS - XII D



SCHOOL OFFICE BEARERS

SCHOOL LEADERS



UTKARSH SHARMA



VANSHIKA UPADHYAY

ASST. SCHOOL LEADERS



MANNAT YADAV



VAISHNAVI YADAV

SPORTS CAPTAINS



ASHISH KISPOTTA



PRATISHTHA GUPTA

HOUSE CAPTAINS



KASHISH KUMAR
CAPTAIN



DIVYA YADAV
VICE CAPTAIN



AKSHANSH TIWARI
CAPTAIN



SHRESHTHI YADAV
VICE CAPTAIN



PUSHKAR SINGH
CAPTAIN



MEGHA AZAD
VICE CAPTAIN



SAKSHAM JAIN
CAPTAIN



TANVI YADAV
VICE CAPTAIN

I am Smart Phone

I have eaten children childhood.
I have eaten the youthness of youth.
I ate the tape recorder.
I ate the camera.
I ate all the corner games.
But I have not lost my hunger
Now I am getting stronger after eating children childhood.
I ate the radio, I ate the watch, I ate the TV. too,
I ate the computer, I ate the letter, I ate the torch.
I am a storehouse of knowledge but use me carefully,
I steal sleep, I steal peace, I erase the light of the eyes too.
I will not leave any time to play, You don't have to exercise,
I will cut your efficiency in half, You will work less and see more me.
I am a thing of great use today. I am needed by every human.
Today I am getting people married and getting divorce too by me.
Today believe in me more than themselves. People tell me all their things.
I know all about everyone. So please use me very carefully.



Ahzam Rasool
VII C



JESUS

THE WORD OF GOD
BECAME FLESH...
THE SON OF GOD
BECAME MEN...
THE LORD OF ALL
BECAME A SERVANT...
THE RGHHTOUS ONE
WAS MADE SIN...
THE ETERNAL ONE
TASTED DEATH...
THE RISEN ONE
MOW LIUVES IN MEN...
THE SEATED ONE
IS COMING AGAIN!!!



APOORVA PACHAURI
X-A

Say Yes to Life

Say yes to life and let it come
Bounding into heart and home
Giving all it has to give
Say yes to life and live.

Say no to life and day by day
The fire of it will die away
Leaving the ash for you to sieve
Working out your negative

In the grey world that you choose
Saying no to God's good news,
Unfulfilled and unaware
Of the glory everywhere

Accept what comes, the boom, the bane,
Impervious to loss or gain,
Looking forward, saying yes to hope
And health and happiness

"We can always choose our own attitudes even though;
we cannot always choose our circumstances. Under
adverse circumstances, some people break records and
other break down."

Anshika
XIA

The Incredible Growth of PYTHON



We recently explored how wealthy countries tend to visit a different set of technologies than the rest of the world. Among the largest differences we saw was in the programming language Python. When we focus on high-income countries, the growth of Python is even larger than it. The term "fastest-growing" can be hard to define precisely, but we make the case that Python has a solid claim to being the fastest-growing major programming language.

June 2017 was the first month that Python was the most visited tag on Stack Overflow within high-income nations. This is especially impressive because in 2012, it was less visited than any of the other 5 languages, and has grown by 2.5-fold in that time.

It was reported in September 2018 that there were just over 7 million Python developers. By April 2019, this number had reached well over 8 million. The first thing for the growing of python is certainly due to some of the biggest companies in the world deciding to use Python as their primary programming language.

Here are some of the main drivers behind the growth in the use of Python:

- AI and machine learning.
- Data analytics.
- Programming applications.
- Web development.
- Data visualisation.

Python job insights:

- Software developer: Software development with Python is one of the most effective uses for this innovative programming language.

- Data scientist: Data scientists effectively have to find patterns and make predictions using the company's data libraries.
- Machine learning engineer: Python's ability to handle algorithms and deal with data automation makes it the ideal programming language for machine learning.
- Python developer: A bit of an obvious one here – but python developers are in hot demand at the moment.

How to get into Python?

If you have a keen interest in software programming and web development, then Python is a great skill for you to have. It can be a great additional language to learn if you're already familiar with something like Java or C, and can be really useful if you have an understanding of coding and want to take this a step further. Despite this broad set of skills and requirements, there are a number of ways to enter into the world of Python, and to see which application suits your skill set the best.

Education – Most roles that use Python will require you to have had some previous experience in using this programming language. As it is an open-source programming language, there aren't necessarily certificates or accreditation you can receive that states your success in using it. However, you can enroll in one of our Python courses whether that's Python essentials, or data analytics using Python.

Experience – More and more, companies are hiring candidates with development skills that have been nurtured themselves. Anyone can use Python, so anyone can build upon their experience with it – so you can start programming with Python today, and prove your skills.

Ajyendra Singh Jadon
XII A

AMAZING FACTS OF SCIENCE



Aradhya Maurya
VIII A

- (1) The diamond is made up of pure carbon atoms.
- (2) The strongest muscle in human body is tongue.
- (3) There is enough DNA in the average person body to stretch from the sun Pluto and back seventeen times.
- (4) The scientific name of gold fish is CARASSIUS AURATUS.
- (5) The paper can be recycled 6 time.
- (6) We cannot inhale pure oxygen as it can harm our lungs and eyes.
- (7) The term science comes from the Latin word SCIENTIA meaning KNOWLEDGE.
- (8) The speed of blood flowing in a normal human body is 4.9-19 cm/sec.
- (9) The speed of light in vacuum is 299,792,458 m/s.
- (10) Do you know that on 4 January the sun is nearest to the earth but it is so cold on that day.
- (11) There are 300 bones in a new born baby.
- (12) Earwax is actually a type of sweat.
- (13) The human body is made up of 0.2 milligram of gold.
- (14) Strawberry is the only fruit which seeds are present outside.

MATHS, MATHS, MATHS.....

Down with old Pythagoras
And down with rotten maths
Down with Archimedes,
And down him at the baths.
If anyone had to do it,
I'd make sure it was me
First I'd wholly immerse him,
Then kick him up a tree.
When he had been disposed of,
I'd turn on old pythagoras
I'd drag him through a holly bush,
And he'd come out like a rag.
Now my pipe dream's over,
And I've nothing more to say
Except that maths still lives on
To be taught another day.



Aradhya Singh Bais
VII



Mechanical Computers



Garvit Kulshrestha
XI A

Mechanical computers are computers built from mechanical components such as levers and gears rather than electronic components. They are different than the computers we have in our mobile phones and desktops. Furthermore, mechanical computers can be divided into 'Analog' computers or 'Digital' computers.

Analog computers use smooth mechanisms such as curved plates or slide rulers for computing data, while Digital computers use gears.

Mechanical computers can be used to carry out simple operations on numbers such as addition and multiplication, for example, 'Mechanical counters', which use a series of disks mounted on an axle, which move with one increment with each event.

The first general mechanical computer was designed by 'Charles Babbage', and it was called 'Analytical Engine'. The structure of the Analytical Engine was essentially the same as that which has dominated computer design in the electronic era.

There are more complex mechanical computers that could even solve differential equations or calculate square roots. 'The-ball-and-disk integrator' is a mechanical computer that can perform continual integration of the value of an input.

Mechanical computers were used to solve real life problems, for example, the ball-and-disk integrator along with several Scotch-Yokes connected together in a system of pulleys were used to create the 'Tide-Predicting machine', by Sir William Thomson to predict the movement of tides. Other famous examples include Arithmetic calculators such as Pascaline and Stepped Reckoner, which used gears and discs to perform Arithmetic operations.

However, as digital electronic computers gained popularity, mechanical computers were replaced by them as mechanical computers weren't as efficient as the digital ones. Also, mechanical computers had to be provided with memory. That would take a lot of space and equipment for a mechanical computer but could be easily done using an electronic computer. The computer pioneers couldn't build the memory with valves because they would break down so often that the computer would never be working. Another reason was that mechanical computers are very slow. Cogs and shafts have inertia. The bigger the equipment are, the more inertia they'll have.

However, it's becoming difficult to improve digital computers, as advancements in machine learning are straining the capabilities of digital computers. There is a probability that the solution of these challenges may well be a new generation of analog computers.



Science Exhibition



Investiture Ceremony





School Blessing





Gandhi Jayanti & Patron's Day



Annual Day Celebration







Hunar Vohra
VII-C

Kick off with whole Number zero,
But countless to end with.

Always frightful subject!
Not favor of all,
Hardly any fascination,
But go down a storm.
With back breaking worm.

Algebra goes above the head,
Trigonometry gives bad impression,
Differentiation and integration induce depression

But the thing to be bothered about,
It is everywhere throughout.

Time tells when to wake up, when to sleep,
Money all time swings a leap
Addition Subtraction, Multiplication & Division
Always walk with us

So, zero option to leave it,
Better thrive mateship with it.

THE ESSAY COMPETITION

(A MOTIVATING STORY)



Ira Kapoor
VIII

It was a perfectly normal day in the life of Ravi Ahuja. He woke up with the noise of alarm clock, brushed his teeth, had a bath, wore his uniform and marched to school. On the way, he thought about the scoldings he'd receive for not completing last day's homework .He got tensed with the fear of failing his science test as he hadn't prepared for it.

After the prayer and Bible-reading in the assembly hall, Ravi and his classmates gave their science test. He obviously failed as he never took his studies seriously. Somehow, he also escaped his second period of maths by mumbling a lame excuse of having headache. During the third period of IT, he did not pay attention and ended up missing the key points of coding. And the

fourth period went as a free period for Sr. Ann was absent.

Before telling you about Ravi's day at school, you should know who he really is. He is just another average student with a short height, dark brown eyes, tanned skin and a mop of unruly black hair that refused to settle down at one place. He is someone who does not pay attention during lessons, forgets his homework and fails his tests. It was after lunch break that his day took an interesting turn.

"Good day, students!" boomed the Principal through the microphone just as Ravi had finished his lunch. "I want to tell you about an upcoming essay writing competition. In this competition, you have to write an essay on the topic - 'What

will I become when I grow up.' So get writing..."

Before the Principal could finish her words, Ravi's thoughts wandered off. During all the lessons that followed, he kept thinking, making him pay even less attention than he would've earlier. Even after reaching home, he kept thinking. But it was not long before his thoughts drifted away. He began thinking about Shankar Tau, who was coming over for dinner. Shankar Tau was a police superintendent. A nice person with a huge, bushy moustache and an aura that made goons flee at the sight of him. Ravi thought that he could be a policeman. He would be really honest and catch the bad guys to put them in prison. But for that, he needed to be brave and fearless, which was quite impossible as he was a coward.

A few minutes later, Shankar Tau arrived, and the family had a hearty meal together. It was late when Ravi went to bed. The next day was a Sunday so he woke up late. He got dressed and went with his father to meet Harsh uncle, one of his father's friends. Harsh uncle was a lawyer. He had a huge bungalow and an even larger chamber. The chamber was full of clients. "So many clients...he must be quite popular", thought Ravi.

It was not long before Ravi got the idea of becoming a lawyer. But when he found out that lawyers had to read huge books about previous cases, Ravi sighed out of sheer disappointment.

Later in the day, Ravi met his English teacher, Ms. Rosaline. She was his favourite teacher, as she was so nice and Ravi found her more approachable than his other teachers. While talking to her, Ravi wondered if he could become a teacher like her. A nice and fun teacher loved by all the students. But then, it dawned upon him that for being a teacher, he needed to have a rich vocabulary and a deep knowledge of his subject. *Looks like I have to study for being anything in the future*, sighed Ravi.

At night, when he was having dinner, he thought of becoming an entrepreneur like his father. Then he would be rich and well-known in the city. But as an entrepreneur, he would have to be really patient to deal with different kinds of people.

After a huge yawn, he went to sleep. *He slept on... on...on...*



Suddenly, Ravi woke up in the morning with a jerk. His head was spinning from the thoughts of the previous day. But he felt something different inside himself. A spark of hope. A new confidence. A strong yearning to learn and study the very subjects he used to hate earlier. His perspective of life had changed. In his heart he knew that he wanted to be wise and great like each of the people he had met. He was willing to study if that meant jumping out of his boring world and being known for something beside his faults. He studied with dedication, knowing that it was the only and true path for becoming capable like the wonderful people of this world. A single day had changed him completely. Earlier, he remained absent-minded during most lessons, but now he was an active participant in the class.

From that day onwards, he never gave a single chance to his mother and teachers to scold him. They felt immense pleasure after seeing his dedication and passion for studying to become a capable person in the unforeseen future. He was really inspired by this incident of his life and wrote his essay based on these experiences. And guess what?

He won the first prize!

You never know when even a small competition may play a major role in your life, helping you to change your outlook of life.

20 INTERESTING FACTS ABOUT SPACE

1. The sun's mass takes up 99.86% of The Solar System.
2. There are more trees in Earth than stars in The Milky Way.
3. One day on Venus is longer than One year.
4. There is a planet made up of Diamond
5. If two pieces of the same type of metal touch in space they will permanently bond.
6. There is floating water in space.
7. The Moon was once a piece of the Earth.
8. There is a volcano in Mars three times the size of Everest.
9. Mercury and Venus is the only planet with no Moons.
10. The gas giant Jupiter is a failed star.
11. Earth's Moon is the fifth largest Moon in the Solar System.
12. There are more stars in the Universe than all the grains of the sand on Earth.
13. When you look at a star, what you actually see is how it was in the past.
14. There are 2000,000,000,000 galaxies in the observable universe.
15. About 1.4 million year ago, a day on Earth was just 18 hours 41 minutes long.
16. Mars has a reddish sky but bluish twilights.
17. A rose was brought to space in 1998.
18. Shooting stars are space debris that burns when they enter Earth's atmosphere.
19. The outer space is very cold with a temperature of around $-454.75^{\circ}\text{F}(-270.42^{\circ}\text{C})$.
20. Pluto is smaller than the Earth's moon.

Isha Yadav
VIII



आखिर क्यों

हाँ, मैं बुरी हूँ!
हर बात पर मुझे ही तो बुरा कहत हो तुम,
अगर बलात्कार हो तो मैं ही बुरी,
मेरे कपड़े बुरे, मरी नीयत बुरी, मरी हसी बुरी,
पर, तुम क्यों कभी
उसको बुरा नहीं बोलते
जिसने मेरे साथ किया बुरा!
क्यों, इंसान की जगह मिलता है ताना, आखिर क्यों?

हाँ, मैं बुरी हूँ!
जब मुझे मिला धोखा
मैंने खुदका साथ दिया, खुदको रिहा किया,
फिरभी लोगोंने हमेशा मुझमे ही कमी निकाली,
क्यों? कोई उसे गलत नहीं कहता,
जिसने सचमें मेरे साथ किया बुरा।
आखिर क्यों?

हाँ, मैं बुरी हूँ!
जब फैंका गया एसिड मुझ पर, तब चेहरा जला मेरा,
पर जी जलाया इस समाज ने अपनी बातों से,

सबने मुझे अछूत समझा। जो लोग पहले थे मेरे अपने,
अब कोई भी न मिलना चाहता।
क्यों, क्यों, क्यों.....

मेरी कोई गलती न होने पर भी, मुझे ही सुनना पड़ता है।
क्यों? कभी उसे कोई कुछ नहीं कहता,
जिसने सचमें मेरे साथ किया बुरा। आखिर क्यों?
कभीतो मेरा सम्मान करो,
हर बारतो मैं गलत नहीं हो सकती न, नारी हूँ, खिलौना नहीं,
मेरा भी मान है, मुझमें भी जान है। अब बसकर दोना।
आखिर क्यों? कबतक सही।।

लेकिन इतना सब देखकर भी,
जो डरती नहीं, लड़ती है,
अपने दम पर अपने आप को बनाती है काबिल,
उस नारी को कमज़ोर न समझो,
वो फूल नहीं शेरनी है, वो फूल नहीं शेरनी है।।

JHANAK RAJPUT
XI B

The place of rendezvous of me and my fate
is therefore far away! Very far away!
As success is not My ultimate aim
But my way of life... So is Failure
Which is not my fiasco But a part of my life.
The path towards my Distant and distinct
Destination Is therefore equally filled
With flowers and thorns And the journey
will be accomplished only with my last breath
with my last lap and with my last laugh
until then my destination is
still far away with so many reasons
to live and too many seasons
to enjoy!



Ira Kapoor
VIII





Kartikey Yadav
XI A

Word Zoology comes from Greek word zion meaning, animal and logos meaning study of Zoology is the branch of biology concerned with the study animals and animal kingdom. It is also known as animals biology. The study of Zoology includes the interaction of animal kingdom in their ecosystems such as classification, habits, structure, embryology, distribution, evolution, and extinct species.

Zoology is the division of biology that deals with the animal kingdom. It is the scientific study related to the entire species of the animal kingdom.

GOAL OF ZOOLOGISTS

- Relationship between different animals
- Understand origin of different species of animals
- Collect and analyze zoological data

ITS FUN FACTS

1. Heart of shrimp is located in its head.
2. A snail can sleep for three years.
3. Horn of rhinoceros is made of hair.
4. Sloth takes two weeks to digest its food.
5. Eye of ostrich bigger than its brain.
6. Koala fingerprint are so close to humans that they could taint crime scene.
7. Octopuses have three heart-and nine brain with blue colour of blood.
8. Camels store water in their blood.
9. Jellyfish are oldest multi-cellular animals on planet and don't have brain. Jellyfish can clone themselves.
10. Frog drink water thought their skin.



Lakshya Jadoun
IX A

Importance of Meditation and How Mudra's Help to Enhance The Energy??

WHAT IS MEDITATION?

Meditation is a phenomenal empowerment by which anyone can do whatever is needed in the world, and remain untouched by the process of activities that we need to conduct in the world.

By this anyone can have achieve mental peace, focus, relief from tension, and good and healthy life. And this is meditateness.

BENEFITS

- Mostly help students.
- And mind became creative.
- Mentally and physically relax and development.
- Ability of solving problems.

HOW TO MEDITATE

Meditation is not a simple practice like just only sitting and close eyes and mind get distracted. It is a proper practice step by step in which you have to follow them and have seen changes in your life. Just have an example:-

If you want to grew flowers in your garden you have to need soil, water, manure , sunlight. So, you will have to work step by step. You not have to site in meditation and think about flowers. So, it can be done by a process and having different mudra's. Now what are mudra's.

Mudra's define in many part. It's depends on the need of person what did the person want. Weather need energy, peace, power or etc.

STEP'S

- I. Sit in silent place where is no distraction.

- II. Having a time management.
- III. Practice continues 21 days.
- IV. Mainly best time in the morning at 4 to 6 am.

HOW MUDRA'S ARE IMPORTANT IN MEDITATION??

What are mudra's

Every organ and bodily part is connected to your hand. Mudra's are unique hand motions that, when sustained with focus, can directly simulate healing processes within the body.

Let us have some light on some mudra's

1) Awakening mudra (uttarabodhi)



It has the power to invoke enlightenment as well as a greater awareness and consciousness of the spiritual. It helps you overcome your fear, relax your body, and restore your energy.

2) Illumination mudra (kalesvara)



It will show down your thoughts and make you more aware of addictive behaviors. It improves you memory, clears your mind of competing thoughts, and helps you concentrate.

3) Unbreakable trust mudra



It will instill unshakeable self-confidence in you as well as inner strength and faith in a high power. With this, your self-assurance will soar, enabling you to decide how your future self will live.



4) Kali mudra

It will be useful in getting rid of some unnecessary heart baggage and give you the strength to get through a trying day. It promotes optimism in the body while unclogging channel blockages.

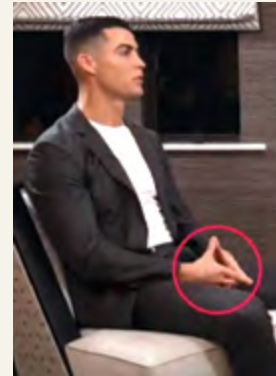
Some popular examples are and became successful by applying this as daily habit:-



*Elon Musk



*Andrew Tate



* Cristiano Ronaldo

Conclusion

- Train your mind to stay calm in every situation.
- The biggest asset in the world is your mindset.

The Evolving IT Sector in INDIA



Nishkarsh Yadav
XII A

As we all know, our country India is a developing or evolving nation so as our country's technical sector. Bangalore is now the tech hub of India, Almost 1700 startups take place per day. The I.T. sector in India is one of the largest employers in the private industry .The I.T. sector accounted for 8% of GDP of India in 2020. According to a study conducted by Gartner, Investment in the I.T. industry of India was predicted to be the 81.89 billion US\$ in 2021 and further increase to 101 billion US\$ in 2022.



**Will India be the next Silicon Valley:-*

The 21st century is earmarked as information technology driven and India is at centre of global attraction and considered as the knowledge powerhouse. Silicon valley belongs to USA , globally recognized as home to billion-dollar companies such as Google, Apple etc. But today, India's Bangalore City is on it's way to become the next silicon valley, being the most preferred outsourcing destination for global companies.



Cooking Competition





Labour Day



Happy
TEACHER'S
Day



Fun Facts and Jokes



Pradyumn Kumar
VII D

- "Dreamt" is the only English word that ends in the letters "mt".
- There are only four words in English language which end in "does": tremendous, horrendous, stupendous and hazardous.
- Month, orange, silver and purple do not rhyme with any other word.
- "Go!" is the shortest grammatically correct sentence in English.
- The most commonly adjective used in English is "good".
- The most commonly used noun is "time".
- The word "set" has the highest number of definitions.
- The oldest English word that is still in use is "town".
- The first English dictionary was written in 1755.
- 11% of the entire English is just the letter "E".
- The two most common words in English are I and me.

JOKES

AFTER THE EXAM....

Relatives - How was the paper?

Me - It was thin white in colour.

SCHOOL LIFE:

- | | |
|--|---|
| 1. Most Irritating Moments
-Morning Alarm | 4. Most Lovely Time
-Meeting Friends |
| 2. Most Difficult Task
-To Find Socks | 5. Most Tragic Moment
-Surprise Test in 1 st Period |
| 3. Most Dreadful Journey
-Way to Class | 6. Most Wonderful News
-Teacher is absent |



20 Interesting FACTS



Prapti Sharma
VIII C

- | | |
|--|--|
| 1. Grasshoppers have ears in their bellies | 10. Fast food restaurant ice is often dirtier than toilet water. |
| 2. You can't taste food without saliva | 11. The Eiffel Tower grows in summer |
| 3. Octopuses have three hearts, nine brains, and blue blood | 12. 50% of the world's oxygen is produced by the sea |
| 4. Hot water freezes faster than cold water | 13. Banana peels have almost no friction. |
| 5. The average person accidentally eats 430 bugs each year of their life | 14. Laika was the first animal in space. |
| 6. The strongest bone in the human body is the thigh bone! | 15. Tooth enamel is stronger than bones. |
| 7. If you eat too many carrots your skin will turn orange! | 16. Humans haven't stop evolving. |
| 8. Lizards use their tongue to smell! | 17. The ocean contains 20 million pounds of gold. |
| 9. It takes 6 minutes for brain cells to react to alcohol. | 18. Global warming is affecting gravity. |
| | 19. You can use your fingers to get the times table of 9. |
| | 20. Tungsten has the highest tensile strength |

गणित मनोरंजन



Rudraksh Mishra
XII-B

होड़ मची संख्याओं के बीच, है कौन सबसे महान
किसकी पूजा हो पहले, किसकी हो पहले पहचान
सब अपनी करते थे बड़ाई, फिर उनमें हो गई लड़ाई

किसी की बुद्धि काम न आई, फिर सबने मिलकर सभा बुलाई
जज बने युनिवर्सल दादा, इन्फिनिटी, सिंगल्टन, पेपर, सबसेट
सब थे मध्य मौजूद, अकड दिखा कर जीरों बोला
अपना वकील हूँ मैं खुद
संख्याओं ने तब कहा विनय से-
हे युनिवर्सल दादा ! जरा करें हम सबकी पहचान
जीरों अकड रहा है कब से, दिखा रहा है झूठी शान
मूँछ पर अपनी ताव देकर अकड़कर फिर जीरों बोला- हाँ हाँ हाँ

जिस पर मेरी नजर बढ़े, हो जाए वो मालामाल
जिस पे मेरी नजर चढ़े, पल में कर दूँ उसकों कंगाल

आगे किसी के जब लग जाऊं, एक को मैं दस बनाऊ
अगर पीछे कभी आऊ, फिर मैं उनका भाव घटाऊ

भाग लगे जब किसी को मुझ से, खजाना हो उसका अनन्त
गुणा करो जब किसी को मुझसे, कर देता उसका अंत
जन्म हुआ भारत में मेरा, पूरे विश्व ने अपनाया
जब चाहा किसी को जीरो, और किसी को अनन्त बनाया
संख्याओं के इलेक्शन में, फिर जीरो का हुआ सलेक्शन
सब संख्या लौटे अपने घर दादा से लेकर बने डिक्शन।।



SCIENCE: It's uses and abuses

We live in the age of science. It has changed the face of the world. It is not the same world that our ancestors lived in. If they were to return today, they would certainly not be able to recognise the place.

Scientific inventions like computers, satellites, X-rays, radium, plastic surgery, electricity, internet, cell phones, etc. have proved to be very useful. It is because of science that we are able to cope better with illness today. This has made our lives easier and increased our life span.

These are due to hard and continue work of the scientists, we are indebted to them. There is no sphere of life where science is not helped us. Almost every day, either new inventions are being reported or exiting ones are being improved. They are being made faster, safer and even more efficient.

But science is not without its abuses. It has given us power of a devil. It has given us deadly powers. Now we have destructive weapons like atom bombs and hydrogen bombs. Death rays, nuclear weapons can wipe out humanity from the world. Machines are very useful but they

are nothing but a necessary evil. They are the basis of industrialization. They are the main cause of unemployment. Modern technology used in industries and transportation is leading to depletion of natural resources and has also increased the level of pollution.

Science has made us materialistic. Now we don't care for good or evil. We are attached to the world and crave for power and money. Thus, science has made us forget moral values.

On the whole science is what we make of it. It does good to mankind if it is used properly. But it will harm us if it is misused. So Shakespeare was perfectly right when he said :

"There is nothing good or bad in the world but thinking makes it so"

Hence, a judicious use of science is the need of the hour.

At last I wants to finish my words by saying that:

"विज्ञान का है ऐसा खेल, जिसके आगे दुनिया फेल"

Purvi Gupta
VIII-C

ROTATION OF THE EARTH



A very familiar kind of rotation is when a spherical, three-dimensional object turns around an invisible line inside its centre. This centre is called an axis. Spinning basketballs turn around an axis. Globes turn around an axis. The Earth itself spins on an axis.

The Earth's axis is vertical, meaning it runs up and down. (A rolling log, on the other hand, has a horizontal axis, meaning it runs sideways.) The Earth's axis runs from the North Pole to the South Pole. It takes the Earth 24 hours, or one day, to make one complete rotation around this invisible line.

As the Earth rotates, each area of its surface gets a turn to face and be warmed by the sun. This is important to all life on Earth. The sun affects everything from the weather we experience to the food we eat, and even our health. If the Earth did not rotate, one half of the Earth would always be hot and bright, and the other part would be frozen and dark.

The Earth also moves around the sun. This

movement is called a revolution, which is different from rotation. Objects rotate around an axis, but revolve around other objects. So the Earth rotates around its axis as it revolves around the sun. It takes the Earth 365 days, or one year, to complete a revolution.

Leftover momentum from when planets were forming makes the Earth, and all planets in the solar system, rotate and revolve. As the solar system formed, many moving particles clustered together. They formed a spinning mass. This mass eventually split into different bodies—planets, moons, asteroids, and comets. All these bodies revolve around the sun. In addition, all planets kept their own rotating motion, including the Earth.

The Earth rotates around its axis at a rate of about 1,600 kilometres (1,000 miles) an hour. It revolves around the sun at a rate of 107,800 kilometres (67,000 miles) an hour.

Pushkal Chaturvedi
X-C



SUSHRUTA: Father of Surgery



Rudraksh Mishra
XII-B

Sushruta is the father of surgery. If the history of science is traced back to its origin, it probably starts from an unmarked era of ancient time. Although the science of medicine and surgery has advanced by leaps and bounds today, many techniques practiced today have still been derived from the practices of the ancient Indian scholars. Sushruta has described surgery under eight heads: Chedya (excision), Lekhya (scarification), Vedhya (puncturing), Esha (exploration), Ahrya (extraction), Vsraya (evacuation), and Sivya (suturing).

All the basic principles of surgery such as planning precision, hemostasis, and perfection find important places in Sushruta's writings on the subject. He has described various reconstructive

procedures for different types of defects. His works are compiled as Sushrutaa Samhita. He describes 60 types of upkarma for treatment of wound, 120 surgical instruments and 300 surgical procedures, and classification of human surgeries in eight categories.

For successful surgery, Sushruta induced anesthesia using such as wine and henbane (Cannabis indica). He treated numerous cases of Nasa (rhinoplasty), Oshtha Sandhan (lobuloplasty), Karna Sandhan (otoplasty). Even today, rhinoplasty described by Shushruta in 600 BC is referred to as the Indian flap and he is known as the originator of plastic surgery.

SALUTE TO TRUE GENIUS OF HINDUSTAN. JAI HIND



Shaurya Chandvaria
X-E

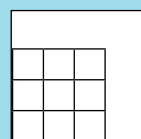
Brain Teasers

Q1: X is an odd number. Take an alphabet away from X and it becomes even. Which is that no.

Q2: If it took 6 people in 9 hours to make barn, how long would it take 12 people to build the same barn?

Q3: I add five to nine, and get two the answer is correct, but how?

Q4: Count number of squares.



Q5: What will you get:-
 $20+30 \times 0/1=?$

ANSWERS: 1. Seven [seven -s= even]
2. None [the barn is already built!]
3. When it is 9AM, add 5 hours to it and you will get 2pm
4. 14
5. 20 [applying BODMAS]

Some facts related to MATHEMATICS



1. There is no symbol for zero in roman numerals.
2. In a room of 23 people there is 50% chances that two people have the same birthday.
3. Eighteen is the only number that is the twice of the sum of its digits.
4. The number that is spelt with its letter in reverse alphabetical order is one.
5. Fibonacci sequence is the sequence of numbers wherein a number is the result of adding the two numbers before it.
6. Every odd number has letter E in its spelling.
7. Four is the only number that has the same number of letters in its spelling as the number itself.
8. 40 it is the only number whose letters of the spelling are arranged in alphabetical order.

LOGICAL REASONING



Shaurya Chandvaria
X-E

- 1) $10 \times 10 = 110$
 $100 \times 100 = 10100$
 $20 \times 20 = 420$
 $200 \times 200 = ?$
- 2) $180 \times 2 = 540$
 $80 \times 2 = 340$
 $120 \times 2 = 360$
 $20 \times 2 = ?$
- 3) In a certain language 'CENATION' is written as '6! ~\$@#%' where 'H and J' equal to @ and 9 respectively. Then tell '@#9~ 6! ~\$' written as?
- 4) I am in the form **p by q** who is **non-negative integer** and **rational** number also **q does not equal to 0**. Who am I?
- 5) I have no value when I am placed before any real number, but somehow I also increase the value of any real number when I am placed after that number. When I get multiplied I also makes the number same as me. Who I am?

Answers: 1) 40200 2) 60 3) JOHN CENA 4) Rational Number 5. 0

SOME GREAT INDIAN SCIENTISTS



Shreyansh Shakya
X-A



1. Homi Jehangir Bhabha

Born on October 30, 1909 in Bombay, Homi Jehangir Bhabha played an important role in the Quantum Theory. He was the first person to become the Chairman of the Atomic Energy Commission of India. Having started his scientific career in nuclear physics from Great Britain. Bhabha is generally acknowledged as the father of Indian nuclear power. Bhabha is generally acknowledged as the father of Indian nuclear power

2. Satyendra Nath Bose

Born on January 1, 1894 in Calcutta, SN Bose was an Indian physicist specialising in quantum mechanics. He is of course most remembered for his role played in the class of particles bosons which were named after him by Paul Dirac to commemorate his work in the field. Later he founded **BOSE EINSTEIN CONDENSATE**.

3. Meghnad Saha

Born on October 6, 1893 in Dhaka, Bangladesh, Meghnad Saha's best-known work concerned the thermal ionisation of elements, and it led him to formulate what is known as the Saha equation This equation is one of the basic tools for interpretation of the spectra of stars in astrophysics. By studying the spectra of various stars, one can find their temperature and from that, using Saha's equation, determine the ionisation state of the various elements making up the star.

4. Jagadish Chandra Bose

Acharya J.C. Bose was a man of many talents. Born on 30 November, 1858 in Bikrampur, West Bengal, he was a polymath, physicist, biologist,

botanist and archaeologist. He pioneered the study of radio and microwave optics, made important contributions to the study of plants and laid the foundation of experimental science in the Indian sub-continent. **He was the first person to use semiconductor junctions to detect radio signals**, thus demonstrating wireless communication for the first time. What's more, he is also probably the father of open technology, as he made his inventions and work freely available for others to further develop. His reluctance for patenting his work is legendary.

5. Vikram Sara Bhai

Considered as the Father of India's space programme, Vikram Sarabhai was born on 12 August, 1919 in the city of Ahmedabad in Gujarat. He was instrumental in the setting up of the Indian Space Research Organization (ISRO), when he successfully convinced the Indian government of the importance of a space programme for a developing nation after the launch of the Russian Sputnik

6. Salim Ali

SálimMoizuddin Abdul Ali, born on November 12, 1896 in Mumbai, was an ornithologist and a naturalist. Salim Ali was among the first Indians to conduct systematic bird surveys across India and his bird books helped develop ornithology in the sub-continent. This Birdman of India was the key figure behind the Bombay Natural History Society after 1947 and used his personal influence to garner government support for the organisation. He was awarded India's second highest civilian honour, the Padma Vibhushan in 1976.

Notice Board Pics



SATURN'S LARGEST MOON - TITAN

IN DEPTH

Saturn's largest moon, Titan, is an icy world whose surface is completely obscured by a golden hazy atmosphere. Titan is the second largest moon in our solar system. Only Jupiter's moon Ganymede is larger, by just 2 percent. Titan is bigger than Earth's moon, and larger than even the planet Mercury.

STRUCTURE

TITAN'S INTERNAL STRUCTURE ISN'T ENTIRELY KNOWN, but one model based on data from the Cassini-Huygens mission suggests TITAN has five primary layers. The innermost layer is a core of rock (specifically, water-bearing silicate rock) about 2,500 miles (4,000 kilometers) in diameter. Surrounding the core is a shell of water ice- a special type called ice-*vi* that is only found at extremely high -pressures. This surface is coated with organic molecules that have rained or otherwise settled out of the atmosphere in the form of sands and liquids. The surface is hugged by dense atmosphere.



Shubhansh Gupta
VIII- E

DOWRY: A CURSE FOR OUR SOCIETY

The Dowry system in India has been running for a long time. It is the money that is given during marriage to the boy or their family, even property can also be included in dowry. The system of dowry started in ancient times during marriage the money will be given to the groom so that he can take proper care of his bride, it was used to honour both sides of the family. As time changes dowry still remains in society but its significance keeps changing with time.

Nowadays, the dowry system is becoming like a business for some castes. The Dowry system is becoming a burden for the bride's family. Many times if demand is not fulfilled for the boy's side then the marriage is abruptly canceled as a result of this failure. If we see it in our Asian country, then dowry is becoming more important for the



groom's side, mainly in countries like India. To end this heinous social practice, the government has made a law to refrain people from taking dowry under the Act of 1961.

Whatever money or property given by the bride side they should accept but it never followed. In many places, we come to know that because of not doing so on the groom's side the girls are harmed in such a way that sometimes even it leads to death. Some people even think dowry is like crime, it's illegal and they never ask anything from the bride's family.

In India, everyone speaks and progresses for women's rights and says '**Beti Bachao Beti Padhao**' but a girl even after achieving everything in her life; where starts taking care of her family but even then she can't escape the shackles of dowry. Sometimes because of dowry which is mostly prevalent among the below poverty line people, they kill their daughters after they are born or before their birth in the mother's womb itself so that they can escape dowry. Since they know after growing up and educating her, they still need to give dowry in order to get her married. However, one fails to understand that it is not a daughter's fault for which she is being wrongfully punished but the fault of the society that allows such practices even after so many years of independence.



Tanya Yadav, X - C



Vaishnav Kulshrestha
IX A

Bow and Arrow



Evidence of the early use of bow and arrow has been found in cave painting in western Europe and NORTHERN Africa. Its development probably arose in the upper Paleolithic [Old stone age] around 20,000 B.C.E, when the people realized that the weapon would enable hunter to kill outside their throwing range.

Bow and Arrow were portable, easy to make, and the materials to make them were relatively easy to obtain. The bow consisted of a thin flexible shaft of wood; this was bent, and a length of sinew, deer gut, plant fiber, or rawhide was strung tightly between its ends. Sometimes the wood was backed with sinew to make the bow stronger and stop it breaking.

The arrow was thin shaft of wood, sharpened at one end, with feathers attached to the other to give

it aerodynamic stability. Arrow heads were made from flint or other rocks, antler, or bone.

The bow was the first machine that stored energy. Energy from the archer's muscles gradually transferred to the bow as it was drawn back; when the bow was released, it gave the projected arrow a far greater velocity than the produced by the spear-thrower. In about 1500 B.C.E. a shorter and lighter bow was developed, the composite bow. Short and curved, it was built up from layers of materials that reacted differently under tension or compression. It was an accurate weapon to use from Horseback.

Modern bows are made from a fiberglass, carbon, and aluminum as well as, while the arrows are usually made of composite materials.

A relief of archer from the Mortuary Temple of Ramses III, Twentieth Dynasty, 1184-1153 B.C.E.



Vaishnavi Yadav
X-D

Fairy On The Wrong Path



There was a fairy with beautiful wings,
Used to fly with all her mood swings.
Then soon she got her new friends,
With whom she used to all her time spend.
She was innocent and sweet,
Having mind on her own beat.
She thought that her friends are taking her to the stars,
So she flew by breaking the shiny glass.
But soon she realised it raining,
She needs to stop,

Need to come down from the top.
But before she could do anything,
Her wings got damaged not able to fly.
And was fallen from the sky.
Now she was not able to fly again,
Neither know how to walk on plain.
Decided to end her life.
Because nothing was left behind....
MORAL:- Learn to fly safely before getting your wings damaged..!!



Vanshika Upadhyay
XII D

NORTH INDIA v/s SOUTH INDIA

It is a highly debated topic from political discussions to comedy shows. North Indians and South Indians often mock each other and make stereotypes.

What is the difference in their history and culture because of which these regions contrast with each other?

Whether it was South India or North India, multiple kings and emperors ruled over the regions. But major contrasting factor was that emperors in South India fought with each other for the expansion of their empire whereas North India faced foreign invasions too.

The logical reason behind it is that South India is surrounded by oceans on all the three sides which is favourable for trade and commercial purposes. On the other hand North India is connected to Asia, Africa and Europe through the land.

The implication was that North India's culture became like a rainbow (the culture overlapped with others) because throughout the history, it interacted with cultures in the working area. On the other hand, South India's culture got a chance to grow independently since there wasn't much scope for fusion of the cultures.

Why South India is more developed than North India?

At the time of independence, North India and South India were at the same stage in terms of development.

Major difference came in 1960s, 1970s & 1990s, when South Indian states implemented some significant policies like: - Mid-day meal scheme, which was first introduced in Tamil Nadu, Karnataka became the first state to implement IT policy, Kerala is the first state to have completed National Optic Fibre Network Project to provide high speed internet. Even around 46% of total remittances that India receives come from the South Indian states.

Why Government spends money on education, healthcare, basic amenities, socio-economic security and justice?

South Indian states face strong political competition which urges them to work for the public welfare and social revolutions mobilised people to talk over the real issues while that in North Indian states, there is a monopoly of political party and if any political party remains in power for a long term, they start taking their power for granted. Thus, incentive to work for the public dies down.

But South India has not yet reached perfection.

The main fact which we as Indians should keep in our minds is that, whether it is South India or North India, it's a part of India and whenever our country faces any complications or problematic situations, all the regions work in a unified way as a nation. We should feel proud to be an Indian citizen.

JAI HIND! JAI BHARAT!

Can Money Buy Happiness?



Vishwakant Singh
XII C



Money is one of our most important and most needed things of all of us. Even to buy a very small thing we need money ranging from water to diamond. We work day and night to earn money. Students study day and night so that they can get better jobs and get high salary. Many people are ready to do any work for money. Even in most cases people are murdered for money. Is money this much really important? Can we buy anything with money? Let us first go through a situation to understand about the need of money.

When we are having enough money to buy all those things that we think will make us happy we first buy all the things. At first we think that the things we bought are giving us enough happiness. But do you think they will provide happiness every time? Definitely the answer is NO. We will be happy only for sometime but our demand will

slowly increase and soon we will start remaining upset to buy them.

Now think that can you buy your parents with money, can you buy your teachers with money, can you buy your family members or relatives with money. Practically not. But then also they all provide you lifetime happiness.

Now, compare the happiness you are getting by buying the things from money and happiness you are getting freely. Happiness by buying is only for a limited time period and the happiness you get free is of lifetime.

So, at last I will conclude that money cannot buy real happiness as real happiness is having value that cannot be counted in terms of money.

जीवन का गणित

सूझ-बूझ से गणित को सरल बनाना पड़ता है,
कभी जोड़ना पड़ता है तो कभी घटाना पड़ता है।
गुणाकार और भागाकार खूब किया जाता है,
मगर जीवन का शेष, अंत में शून्य ही आता है॥

जीवन एक वृत्त है और खुशी उसका केंद्र बिंदु,
जीवन को बड़ा बनाने के लिए खूब पैसा कमाते हैं।
स्वास्थ्य की परवाह कि ये बिना जीजा न लगाते हैं,
हकीकत में हम खुशियों से बहुत दूर हो जाते हैं॥

जीवन रुपी गणित के समस्या रुपी सवाल,
हर किसी की जिंदगी में आते हैं।
इन समस्याओं से हम भाग नहीं पाते हैं,
थोड़ी कोशिश करने पर इसका हल पाते हैं॥



Aishwary Mishra
VIII





Vishwakant Singh
XII-C

SHOULD WE STOP OVERTHINKING?

Over thinking is a situation when we are thinking only on one thought. But over thinking is not bad. But negative over thinking is not good for us.

We should think positively. Over thinking is not a bad. Over thinking is good for us and infact we should think as much as we can. Over thinking helps us to solve many problems. But negative thinking on our thoughts is not good for us. It will not helps to solve any problem but it will make us unable to come out from our problem.

There are mainly two situtations through which we come though which we think. The one that we believe and the other that exist in reality. The thing exist in reality does not make us to think more as we can easily understand the situation as it is practically seen by us. Like many scientific phenomenon .These are proven. So, we do not think so much. But if we are over thinking on it we will understand more accurately. This is because we are positively over thinking. But in the same situation if we are negatively over thinking we will not understand a thing. On the other hand we will develop tension and even undergo depression. In this situation situation problem is same .When we are over thinking positively we understand and when we are over thinking negatively we are undergoing depression.

The second situation is when we are thinking about which is believe by most but never seen. Like we have never seen god we almost every one believe. In this situation when we are thinking positively like god is with me. He will always help me. In this situation we are over thinking positively and in result we get peace ,satisfaction, we never feel alone. In the same situation if we will over think negatively like if we are alone in dark and if with think that at



night ghosts are very powerful and god will not be present. In this situation we know very well that ghost is nothing but due to our negative over thinking we believe on non believable think and develop negative thoughts and just remain in tension and remain upset and even undergo depression. So, in this situation on over thinking positively we are gaining peace, satisfaction, we never feel alone and when when we are over thinking negatively we are developing tension ,became upset and undergo depression.

Now, in above all situations we saw that when we are over thinking positively it is helping us lot and when we are over thinking negatively then it is pushing us in more problems insted of overcoming from problems.

So, over thinking is not a problem only way of over thinking matter. Over thinking positively will helps us a lot but negative over thinking we push us into more problems insted of overcoming us.

At last I will say that don't stop over thinking but stop negative over thinking and start positive over thinking.



तान्या यादव
10- सी

जीवन में कर्म बड़ा या भाग्य

कर्म और भाग्यमें कौन ज्यादा महत्वपूर्ण है इस विषय पर दुनियामें सदियों से बहस चलीआरही है। कर्म वादियों का मानना है कि कर्म बड़ा है जबकि भाग्यमें भरोसा रखने वाले कहते हैं कि भाग्यही सब कुछ है लेकिन कोई यह मानने को तैयार नहीं होता है कि कर्म और भाग्य एक सिक्के के दो पहलू हैं। जीवन में दोनों की एक समान महत्ता है। कर्म से ही भाग्य बनता है और भाग्य के द्वारा ही कर्म किए जाते हैं।

एक बार देव ऋषि नारद श्री हरि से मिलने बैकुण्ठ धाम पहुँचे। देव ऋषि नारद श्री हरि विष्णु से कहने लगे कि,"प्रभु पृथ्वी पर आपका प्रभावक महोगया है। पाप कर्म करने वालों को शुभ फल मिलता है और पुण्य कर्म करने वालों को बुरा फल मिलता है"। भगवान विष्णु कहने लगे कि देव ऋषि नारद सब कुछ तो विधि के विधान के अनुसार ही हो रहा है। नारदजी कहने लगे कि मैं पृथ्वी पर देखकर आया हूँ कि पुण्य कर्म करने वाले को बुरा फल मिला और पाप कर्म करने वाले को अच्छा फल मिला।

श्री हरि कहने लगे कि आपने पृथ्वी पर ऐसी कौन सी घटना देखी है विस्तार से कहे नारदजी कहने लगे कि प्रभु एक गाय दलदल में फँसी हुई थी। एक चोर वहाँ आया वह गाय को बाहर

निकाल ने की बजा य उस पर पैर रखकर दूसरी ओर चला गया। वहाँ उसे स्वर्ण सिक्कों से भरी थैली मिली। कुछ समय पश्चात वहाँ एक ब्राह्मण आया। उसने पूरी ताकत लगाकर गाय को दलदल से बाहर निकाल दिया। आगे जाकर उसे ठोकर लगी और वह गड्ढे में गिरगया। गिरने के कारण उसे चोट लग गई। प्रभु यह आपका कैसा न्याय है। भगवान विष्णु कहने लगे कि जो भी हुआ नारदजी न्याय संगत ही हुआ। उस चोर के भाग्य में खजाना लिखाथा लेकिन इस पाप कर्म के कारण उसे केवल एक थैली स्वर्णमुद्राएँ ही मिली। उस ब्राह्मण के भाग्यमें मृत्यु लिखी थी। लेकिन गाय को बचाने के पुण्य कर्म के कारण उसकी मृत्यु ठोकर लगकर चोट में परिवर्तित होगई। अच्छे कर्मों का फल सदैव अच्छा ही होता है। लेकिन कई बार अच्छे कर्म करने के बादभी आने वाली परेशानियों से हमें लगता है कि अच्छे कर्म करने के बादभी परेशानियां कम क्यों नहीं हो रही। लेकिन क्या पता हमारे अच्छे कर्मों के कारण ही हम बड़ी मुश्किलों से बच रहे हो। कर्म फल ऐसी फसल है कि जो बोएंगे वही काटेंगे।

इसलिए अच्छे कर्म करे जिससे भाग्य को भी बदला जा सकता है।



Boon Or Bane



Pranay Paliwal
X-C

INTRODUCTION

Artificial Intelligence has emerged as a transformative force in this 21st century, which will be reshaping societies, economies and industries worldwide. Its effects are profound and far-reaching, touching nearly every aspect of human life. From healthcare to research, from finance to warfare, AI will affect everything.

IMPACTS OF AI

One of the most significant impacts of AI on the global world is its role in enhancing efficiency and productivity. The work which took humans hours and sometimes days to complete, are now at our fingertips with the help of Artificial Intelligence.

IT REVOLUTION BY AI

AI is also transforming how we communicate and interact with each other. Natural Language Processing (NLP) enables virtual assistance tools like Siri and Alexa to understand and respond to human speech, making information more available and tasks more convenient. Social media sites also use AI to personalize content targeted advertisements and detect then remove harmful content like hate speech and misinformation.

JOB CRISIS DUE TO AI

But, the proliferation of AI also raises significant ethical and societal concerns. Issues are as big as job loss due to AI. Since AI is revolutionizing the corporate sector and is becoming better day-by-day, in future it is very much certain that it will take up the job of a regular corporate firm employee, thus creating mass unemployment in many countries.

GEOPOLITICS ON AI

Furthermore, AI also have some 'geopolitical' implications. Countries are investing heavily in AI research and development to gain a competitive edge in areas such as defense, cybersecurity and economic growth. At the same time, international collaboration is essential to establish standards to govern the responsible use of AI on a global scale.

DEEPFAKES

Also, one big impact of AI, which could be seen even today and is only going to escalate in future is the problem of 'Deepfake Videos'. Deepfake videos mean the fake videos generated by AI tools which are misleading in nature. They can deeply affect the personal image of a person, manipulate the masses by spreading fake news and also fake advertising. In no longer 4-5 years AI will be creating perfect voices of people, video clips or even whole movies and scenes. This will raise a serious security concern for the nation and we will see a high spike in spread of fake news.

CONCLUSION

In conclusion AI is a **double-edged** sword that offers tremendous opportunities for progress and prosperity while also posing significant risks and challenges. Its impact on global world is tremendous. To harness the potential of AI and mitigate its risks, it is crucial for stakeholders to work together towards a future where AI serves the common good and the inclusive growth and development for all.

A Glimpse at Our Well Placed Alumni



MR. RAJAT KUMAR –PCS OFFICER

My name is Rajat Kumar (2014 BATCH) and I am currently working in the Uttar Pradesh Provincial Civil Services, Batch of 2021 as a Naib Tehsildar/ Executive Magistrate. I am an undergraduate in Mechanical Engineering from MNNIT Allahabad (B.Tech, Class of 2018) post which I have worked with Ministry of Women and Child Development as a District Lead of National Nutrition Mission. Before joining the UP PCS 2021, I was working as a Mahatma Gandhi National Fellow in IIM Lucknow.

I want to express my heartfelt gratitude towards the teachers and peers with whom I shared the precious days of learning here for forging me into something valuable.



DR. VIJAY KUMAR GUPTA

An alumnus of 2008 Batch.
MBBS Gold Medalist M.D(Pediatrics) (Gold Medalist)
P.G.P.M Boston University, USA
Running Bal Gopal Hospital at ETAH District
All India MBBS Rank – 121
All India MD Pediatric Rank - 31



MR. NITIN SINGH

Working as Squadron Leader, Indian Air Force, an alumnus of 2011 batch



MR. VIPIN YADAV

Working as Major in Indian Army. Selected for NDA in 2008. Currently posted in Jammu & Kashmir



MR. AJAY YADAV
IAS Officer



MS. ISHITA BISARIA

Alumnus of 2020 Batch.
Working as Software Engineer in Google Inc. at Bengaluru.

Art Integrated LEARNING



Deepti Vohra TGT

Meaning of Integration of Subjects

To integrate subjects means to remove barriers between different areas of study, unifying the concepts and thereby focusing on making connections for students. Integration of subjects is the key to engage students in meaningful activities and holistic learning that can be connected to real life as well.

INTRODUCTION — INTEGRATING CURRICULUM

Schools today usually divide subjects into humanities versus STEM (or social studies versus science). Humanities include literature, history, writing etc and STEM includes arithmetic, algebra, physics etc. These divisions can be downright dangerous if they teach students to separate knowledge of the natural world. Schools must encourage integrating curriculum as it helps to foster critical thinking skills and creativity as the students are encouraged to explore and make associations between different ideas and concepts.

BENEFITS OF INTEGRATION

It helps to achieve retention and engagement in classrooms which reaches higher mastery of content standards.

Through curriculum integration teachers can plan for the development of by skills and understandings that transcend individual strands and subjects.

Choosing meaningful connections among subjects areas help students build on their diverse prior knowledge and experiences, supports their holistic view of the world and ensures more meaningful learning.

METHOD USED- STORY TELLING

In this method, teachers present lessons in the form of stories. Teachers can also come up with stories related to the subject in the middle do a lesson to make session more interesting. As students usually



love hearing story's this method of teaching is sure to grab their attention.

"Story telling" must be one of the teaching methods of a real teacher. Nothing catches the attention of students as much as Interesting, Inspirational and Entertaining stories recited ARTFULLY by the TEACHER in the Classroom.

Our life is nothing but a story in itself.

For me, the word *STORIES* stand for the following acronym:

- S - Superb
- T - Teacher
- O - Outstanding
- R - Recite
- I - Interesting
- E - Educational
- S - Stories

HISTORY INTEGRATION SCIENCE

In ancient times, Mesopotamians wrote down their concepts of science, such as astrology allowing historians to understand how they perceived the world about them.

The relationship between history and science dates back thousands of years bro the very first historical

texts that have survived.

"SCIENCE +HISTORY"

STORY TELLING LESSON PLAN

Subject areas – Science and History

Duration – 60 minutes

Objective – Students will integrate scientific concepts and historical events through storytelling, enhancing their understanding of both subjects and improving their narrative skills.

Materials needed:

White board or chalkboard

Marker as chalk

Printed copies of historical stories related to science.

Writing materials for students

Visual aids

INTRODUCTION: Discuss the relevance of story telling and introduce the objective of the lesson.

Activity 1 –Exploring historical stories.

Divide the class into group and provide printed historical story related to science.

Activity 2 –Scientific concept analysis

Facilitate group discussion and encourage students to ask questions and share their thoughts.

Activity 3- Story telling and creative writing.

Instruct the student to create their own short story by choosing a historical event or scientific concept discussed in the stories.

Conclusion–Recap the key points discussed during the lesson and encourage them to continue exploring science and history through story telling in their future studies.



Shruti Jain
(TGT Social Science)

Impact Of Communication

Communication profoundly impacts people on a global scale by bringing everyone together. Students who can communicate effectively can advocate for their own social and emotional needs and are less likely to turn to negative behaviour such as acting out ,attention seeking, dissociation or 'turning out'. In turn, these SEL (Social and Emotional learning) outcomes can help drive better academic outcomes its another virtuous cycle. Modern technologies make people more connected with the world on one hand and more isolated on the other hand. The ease of communication provided by technologies has improved our lives.

However, use of social media can also negatively affect teens by: distracting them, disrupting their sleep, exposing them to bullying, spreading rumour and peer pressure. The risk might be related to the duration of social media usage. The more time spent on social media can lead to cyber bullying, social anxiety, depression and exposure to content that is not age appropriate.

The latest and the best means of communication, is face to face communication. Face to face communication is often an effective strategy for managing conflicts at work and having difficult conversations. Factors which affect the student achievement are instruction quality and delivery style, size of class, parent's involvement, relationship with peers, assessment, school facilities etc. It is the process of exchange of ideas, thoughts, opinions, knowledge and data so that the message is received and understood with clarity and satisfy the purpose. Effective feedback assists the learner to reflect on their learning and the learning strategies so they can make adjustment to make better progress in their learning. The purpose of feedback in the assessment and learning process is to improve the students' performance. Effective communication plays a very vital role in the success of every professional and personal relationships. Communication educates people all around the world and is essential for the cognitive development of the society.



Mrs. Brijbala
Agrawal (TGT)

For Journal

"The best way to predict the future is to create it!"
-Anonymous

We look for friends to share our burdens and heartaches with. We look for people to encourage us and to appreciate us and also to correct us, though not often. But there are things we like to keep to ourselves, our little joys, little disappointments which we can share only with ourselves. Personal journal writing helps you in this-in having a conversation with yourself. Keeping a journal and being faithful to it is like having a conversation with yourself. In this way a journal can be like opening and discovering a chest full of pearls, rubies and diamonds amidst a pile of rubble and discarded things. If you don't begin the communion with your own soul, something valuable will be lost in your life's journey. A journal is what separates people who wish to develop themselves, from people who accept remaining where they are.

The word "journal" may mean different things to different people. ... But for most, journalizing has long been a tool to achieving better emotional and mental health. The need to express oneself in a safe and controlled manner is a powerful means to improving one's self-esteem and personal relationships. Throughout history, people have kept journals. Good thing! If it weren't for these, there might not have been any reliable records of the past.

A journal is also a helpful way of keeping up with our spiritual journey. A spiritual journal is different from a regular journal. It is a written record of personal reactions to spiritual matters. However, no one can deny the numerous benefits of keeping a journal -just by spending as little as 10 minutes each day with pen and paper. Writing a journal helps:

Reflect on and clarify your ideas and goals- As you write a few thoughts each day, your ideas about what is important, what is worthy of your life and your time will become clearer. You will automatically discover what you really want in life.

Develop your vocabulary- A journal helps ideas become words, and it provides a nursery for words to grow into sentences and paragraphs, until finally they need a stage on which to express themselves.

Simplify your life- Writing down your values, noting your achievements and giving thanks for the joys of life will make you accepting of life's disappointments. Things become simpler when you write them down.

Strengthen your relationships- Keeping a journal makes you become aware of yourself and helps you express yourself more clearly. It will give you time as well as the words to express your feelings, it will help you understand and be patient with your loved ones' offences, and teach you to love genuinely.

Enrich you with amazing experiences- Writing about life adds meaning and power. Journal your daily activities-from dawn to dusk- your waking to a new day, going to school/college, in the classroom, playground, etc. Write about the wonderful time you had together with friends and family members. A journal affirms you on the realities of life and enriches you with amazing experiences.

Meditation- Journalizing has been called a form of meditation. It has a similar power to quiet the mind and focus your thoughts. It can heal anxiety, change your breathing and make you smile.

Empower you to succeed in life- Thinking with pen and paper forces you to eliminate vague or confusing images and find precisely the right word, or the most powerful image to express yourself. Thus, keeping a journal will make you a better communicator and that can definitely make you successful in life. You can add innovative features to your journal to promote creative self-discovery. They can be poetic, artistic, or take many other forms. The future is in your hands and you create it on the pages of your journal.



Tanya Chauhan
(TGT - Computer Science)

Once a STUDENT, Now a TEACHER

School is a part of life, where we spend our childhood, by playing in the premises, learning from rhymes "JHONNY- JHONNY" to solving the Relative theory of Einstein.

Every student should try to make the best use of school life because once it is over, it never comes back to us. And the school life in Assisi, not a simple word but it carries the feeling of many students, if I am not wrong Assisi is synonyms word for "Jannat" for all the Assisians.

I am more lucky, not only my school life as a student but now also as a teacher I am the part of Assisi family. Let me start with my student life journey:- which will always remain in my heart till I am on this earth. As I look back to my 14 years of journey, I feel overwhelmed with love, affection given by some of my teachers.

Started from A for APPLE now reached to A for AMATEUR.....

Starting with L.K.G- where teachers taught me how to read, write and communicate.

Shouting out while telling the poetry rhymes and learning the mathematical tables, hearing humorous ghost stories to rescue us from the attack of eagles flying over our head in the ground. Beautiful adventure from L.K.G to 5th with many stage performances – joyful dance, expressing the words in speech, anchoring the program to a chorus of school prayer group.

Taking all beautiful memories in my heart I jumped to senior wing, where with my big eyes I got attracted towards big playground, basket ball court and the most wondrous big stage.

Everything new, but settled comfortably and started enjoying there.

6th to 12th Journey for being sincere to disciplined oneI became favorite for many.

Getting unforgettable compliments – "You are the finest students" to "You are my favorite student all time" and many more by many teachers make me proud and happy even today also.

With a mindset to be a **teacher** always writing in my declaration form.

With this miscellaneous thought and enormous blessings of my teachers I moved towards my new journey in college. After completing my B.Ed. degree, finally I came back as a trained teacher. The best moment for a student in a greater sense of fulfillment to become teacher themselves one day. And that's why I joined in Assisi as a teacher; this transition from a student to a teacher is a gradual process but very rewarding one.

The first day I step inside with all nostalgic feelings coming in my mind that time Can't express in words..

Keeping another step inside my favorite class 9th A when I was student but this time as a teacher, what a phenomenal feeling of my life. Now as a teacher I am giving back to the student community, the same background to which I had belonged at a very important time in my life.

From sharing my experience with students to expanding their knowledge, trying best to clear the concepts, providing good answers, directing them towards the right path, all I am giving my best which I learned from my teachers.

Now let me conclude my feelings with my aim to become best like my favorite teachers, so all my students can remember me always.



Neelanshi Verma
(TGT Science)

MATTER, ANTI-MATTER, DARK MATTER... Are they family Members??

To understand the relationship between matter, anti-matter & dark matter, let's begin with our junior Classes' definition of matter.

Since our childhood we have learnt that matter is anything that has mass and volume (occupies space). For example, a car would be said to be made of matter, as it occupies space, and has mass.

Matter is usually classified into three classical states i.e. solid, liquid and gas, with plasma sometimes added as a fourth state.

All the objects from everyday life that we can bump into, touch or squeeze are composed of atoms. This atomic matter is in turn made up of interacting subatomic particles- usually a nucleus of protons and neutrons, and a cloud of orbiting electrons.

Matter might dominate the Universe today, but this hasn't always been the case. When particles of matter were forged in the intense heat of the Big Bang, they were accompanied by equal quantities of 'anti-particles', identical in mass but with an opposite electric charge. Every elementary particle in the Universe appears to have a partner particle called its antiparticle that shares many



of the same characteristics, but many other characteristics are the opposite of those for the particle. For example, the electron has as its antiparticle the ant electron .The British physicist Paul Dirac first predicted the existence of antimatter in 1928. According to him antimatter is the "mirror image" of matter, and the antiparticles of which it is composed are the mirror images of normal particles, being the same size but having opposite electrical charge.

Because the properties of matter and antimatter parallel each other, we believe that the physics and Chemistry of a galaxy made entirely from antimatter would closely parallel that of our matter galaxy. Thus it is conceivable that life built on antimatter

could have evolved at other places in the Universe.

Now the question arises: then what is dark matter??

Dark matter is the general term for matter that we cannot see to this point with our telescopes, but that we know must be there because we see its gravitational influence on the rest of the Universe. Many different experiments indicate that there is probably 10 times more matter in the Universe. Thus: dark matter is basically what the universe is made out of, but we don't yet know what it is!

The nature of the dark matter is perhaps the most fundamental unsolved problem in modern astronomy.

Could the Dark Matter be Antimatter?

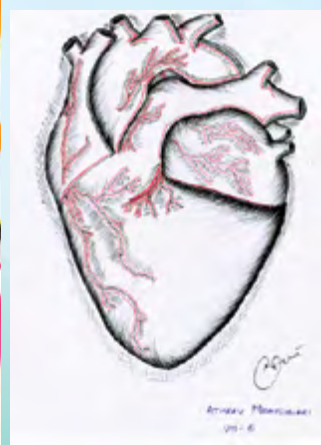
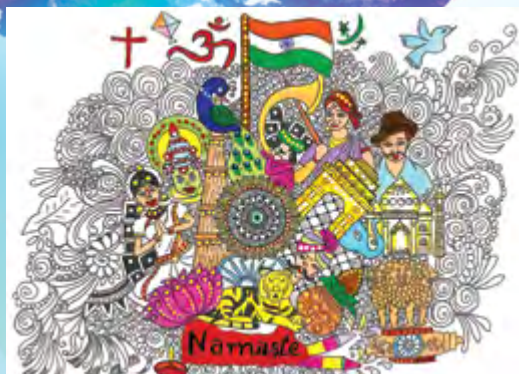
Farewell to Vice Principal Rev. Sr. Bency Session 2022-23



Farewell to Rev. Sr. Anjali Maria (Principal) Session 2023-24



Art Gallery





SPORTS MEET



Club Activity





Debate Competition



Children's Day Celebration





Christmas Celebration





Cultural Event



Awareness Programs for The Students by Up Police



Management Day



Class Toppers



PRASHASTI YADAV
99% (VI A)



PUNYANSH JAIN
95.8% (VI B)



IRA KAPOOR
99.1% (VIII C)



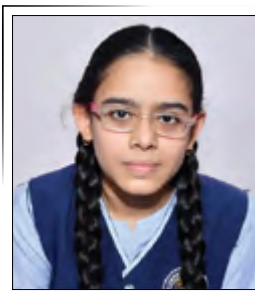
KUNWAR DEVPRIYAM
97.33% (VIII D)



MAYANK SHARMA
98% (VIII E)



NOMAN ALI CHAUDHARY
97.22% (VI C)



RADHIKA GUPTA
92.11% (VI D)



AYUSHI SHAKYA
97.66% (VI E)



GARVITA VARSHNEY
93.42% (IX A)



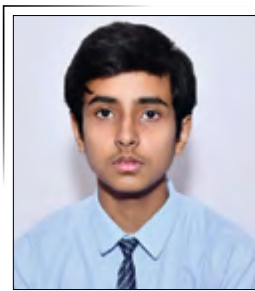
PRANAY PALIWAL
97% (IX B)



ARYA PANDEY
96.85% (IX C)



NAVYA YADAV
98.66% (VII A)



VAIBHAV SINGH
98.66% (VII B)



HUNAR VOHRA
97.5% (VII C)



PRADYUMN KUMAR
98.7% (VII D)



PRAPTI SHARMA
96.4% (IX D)



UTKARSH VARSHNEY
96.42% (IX E)



KANAK YADAV
94.9% (XI A)



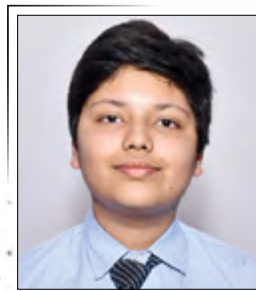
ARUSH GAHLAUT
97.77% (VII E)



SHREYA GUPTA
97.77% (VII E)



TRISHA GUPTA
97.88% (VIII A)



ABHIMANYU SINGH
97.8% (VIII B)



ABU HAMZA
86.7% (XI B)



NAINA JAIN
96.2% (XI C)



DIVYA YADAV
89.4% (XI D)

Inspirational Quotes



1. **"The best way to find yourself is to lose yourself in the service of others."** - Mahatma Gandhi
2. **"Arise, awake, and stop not until the goal is achieved."** - Swami Vivekananda
3. **"You have to dream before your dreams can come true."** - Dr. A.P.J. Abdul Kalam
4. **"In a gentle way, you can shake the world."** - Mahatma Gandhi
5. **"The mind is everything. What you think you become."** - Buddha
6. **"Believe you can and you're halfway there."** - Theodore Roosevelt
7. **"The only way to do great work is to love what you do."** - Steve Jobs
8. **"Success is not final, failure is not fatal: It is the courage to continue that counts."**
- Winston Churchill
9. **"The future belongs to those who believe in the beauty of their dreams."** - Eleanor Roosevelt
10. **"The only limit to our realization of tomorrow will be our doubts of today."** - Franklin D. Roosevelt
11. **"You are never too old to set another goal or to dream a new dream."** - C.S. Lewis
12. **"The way to get started is to quit talking and begin doing."** - Walt Disney
13. **"The only person you are destined to become is the person you decide to be."**
- Ralph Waldo Emerson
14. **"Opportunities don't happen, you create them."** - Chris Grosser
15. **"The greatest glory in living lies not in never falling, but in rising every time we fall."**
- Nelson Mandela



SCHOOL ANTHEM

*We the students of Assisi Convent School
We shine above all stars....*

*We spread goodness, and righteousness,
for perfect harmony.....*

*We will lead the nation, in oneness
to bring in unity.....*

*St. Francis alma mater
you guide us all the time you are the patron of love,
and we learn to spread the love....*



Peace Prayer

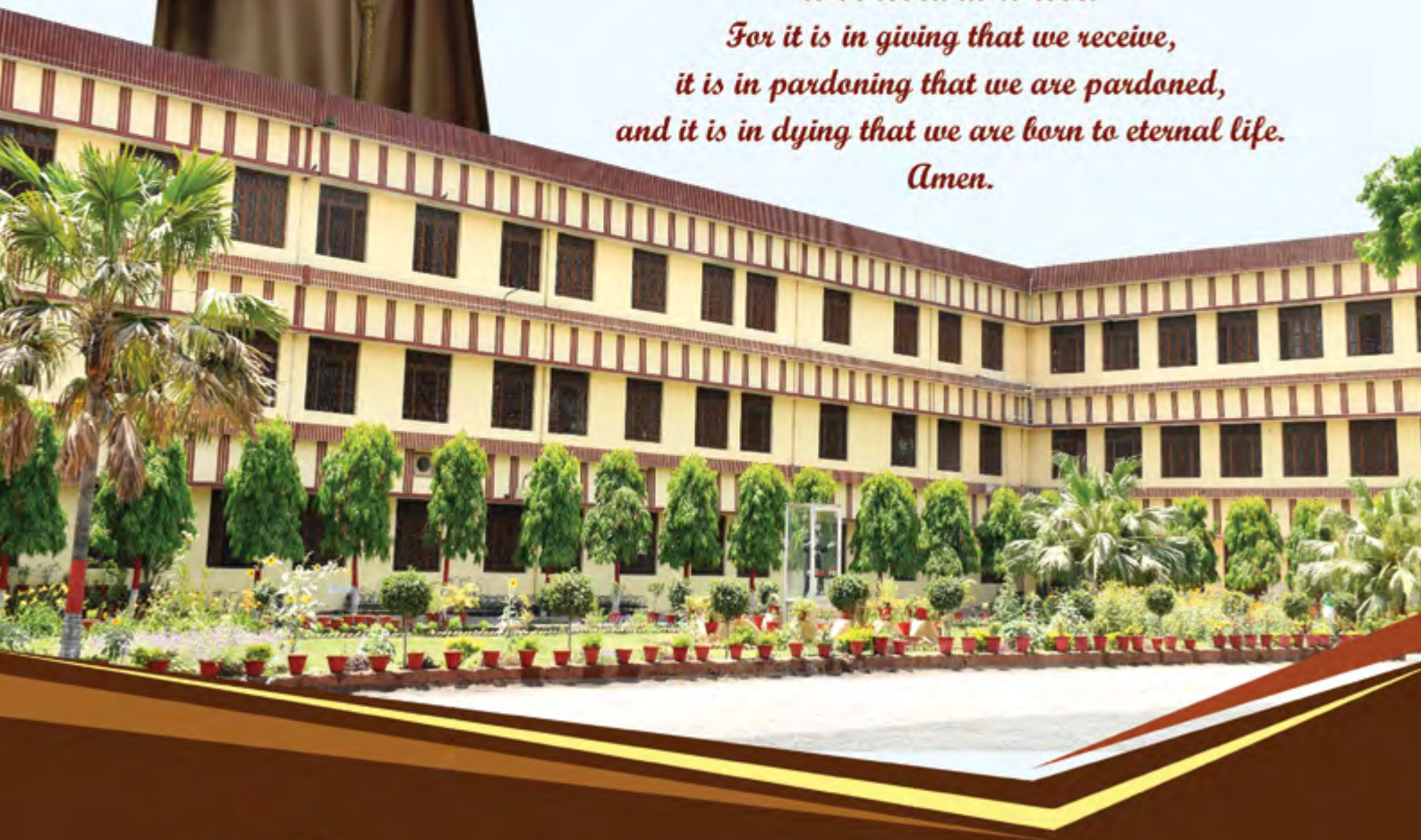
St. Francis of Assisi

*Lord, make me an instrument of your peace:
where there is hatred, let me sow love;
where there is injury, pardon;
where there is doubt, faith;
where there is despair, hope;
where there is darkness, light;
where there is sadness, joy.*

*O divine Master, grant that I may not so much seek
to be consoled as to console,
to be understood as to understand,
to be loved as to love.*

*For it is in giving that we receive,
it is in pardoning that we are pardoned,
and it is in dying that we are born to eternal life.*

Amen.



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