



Educating persons for and with others



VOICE OF XAVIER'S

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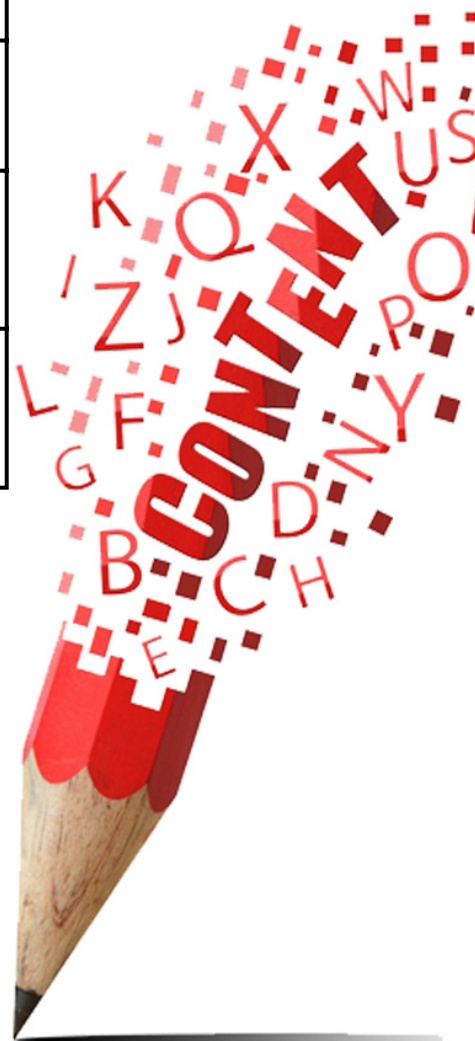
**“when the power of love overcomes the love for power
the world will know peace”**



PRAY FOR PEACE IN THE WORLD



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METaverse AND VIRTUAL REALITY

Meta means beyond and verse from Universe give the word 'metaverse' i.e., beyond the universe. In which, we create a dream imaginary world that we have not seen and we become part of the same with this technology. For example, if I wish to act with any superstar, I can create the character and act with the character as per my wish, which is called a virtual reality. Children can talk, play and dance with the cartoon characters of their choice. It will be an imaginary extension of this physical world. It will be beyond video calls, zoom meetings and Microsoft teams classes. It will all be possible with a VR headset.

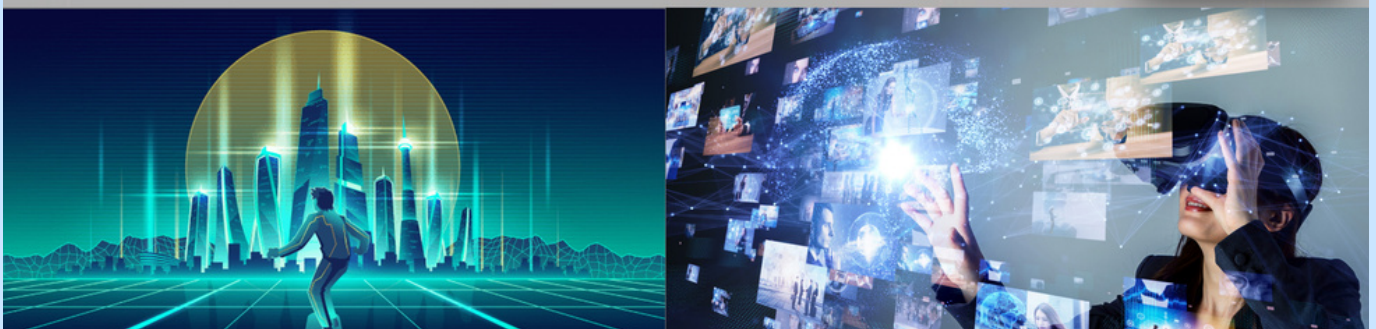
Google, Apple, Microsoft, Amazon and facebook and Disney are busy researching, updating and investing on the virtual world. facebook has rechristened itself as meta. Every company wants to create a space of its own in this new technology called metaverse, which will be part of our way of proceeding, as smart phones now are as compared to 10 years back in time.

Those who now enjoy playing video games will become a character in the video game and interact with other characters and respond to the commands of the characters. Though it sounds exciting, it can do a great harm if the tech giants begin to control the thinking pattern of the individual in and through the characters in the game. We are already facing a reality where the school, friends, games, music class, karate class etc. have all become virtual.

Children of the age group 8 to 12 spend almost 5 hours online today whereas the WHO has permitted only two hours of screen time for children. There are conflicts now between 'screen time' and 'green time' (time spend with nature); Virtual friends and real friends. Virtual world can be pied pipers, one that offers strong but delusive enticement. There is "virtual world addiction" which some children suffer from. One of the symptoms of such addiction is that if we take away mobile from the child s/he will throw tantrum and cry, create havoc till mobile is returned. Such symptoms are commonly seen already now.

While technology is and will continue to be part our way of life, it should not replace humanity. I believe, that the human qualities such as caring for one another, becoming a person for another, reaching out to the needy, becoming a friend in need cannot be programmed into human mind from any external futuristic technology. While we remain open to technology, let us remain alert and discern our need while keeping all our greed away.

Fr. Arul Rayan, S.J.





THE TRUTH ABOUT VALENTINE'S DAY

The truth about Valentine's Day every year, during the month of February, millions of people around the world exchange cards, candy, flowers, jewellery and other terms of endearment in a celebration known as Valentine's Day. Has anyone ever thought, Why is Valentine's Day celebrated on 14th Feb every year? Why is it called as Valentine's Day? Valentine is known as the Patron Saint for couples and most of all 'The Saint of Love.'....But this is misunderstood in today's modern times. People have associated Valentine's day or commonly known as, The V-day with only the love that is shared between two people which is intimate and romantic but Valentine never propagated this love....he just loved without any bounds and without any expectations. He did not give red roses to show his love or chocolates or gifts. Who can be my Valentine ?????? Love has many forms. A mother's unconditional love, a father's protective love, a son's understanding love, a daughter's unexplainable love, a brother's unceasing love, a sister's caring love, a friend's supportive love, a grandparent's tender love, a married couple's sacred love, a pet's love, a teacher's assuring love etc. They are all our Valentines. Every person who shares love and reassurance is a Valentine.

Valentine's day got its name from a man named Valentine. Right before he died Valentine supposedly wrote the first letter to his jailer's daughter with whom he had fallen in love and at the end he signed it as From your Valentine, later in the 5th Century Pope Gelasius 1 declared the day of his death as St. Valentine's day and thus, Valentine's day came into being. Just like the infinity of love we all should celebrate it to cheer the love within each and every living being with the colour red.

Ms. Loretta Castelino
Pre-Primary Teacher

" Love is patient, love is kind. It does not envy, it does not boast, it is not proud. Love does not delight in evil, but rejoices with the truth"

MY ALMA MATER

It is my great pleasure and honor for having this opportunity to connect with my alma mater and interact with the budding generation of Xavierite's, via VOX newsletter. As I pen down my thoughts and share my experiences with you, I am reminded of a famous quote by Abraham Lincoln – "In the end, it's not the years in your life that counts. It's the life in your years" and this feels so apt, as I go deep down my memory lane of my school life at St. Xavier's, Gandhinagar – Indeed, the best treasures of memories in my life!

Hailing from a small town, Unava (Dist. Gandhinagar), I was privileged to receive my education, from one of the best and reputed institutes of all times – the St. Xavier's school. I studied throughout class 1st to class 12th (1973 - 1986) at the St. Xavier's school, Gandhinagar. I remember, commuting to school daily was not an easy task and we did not have the luxury of school buses in those days. I used to change 2 buses from Unava to reach to the school and then back home – but such struggles never discouraged me. As the motto of St. Xavier's School, Gandhinagar is – A Teneris Impende Laborem "(i.e., "Apply yourself to hard work from an early age"), it laid a strong foundation of values and beliefs, which has always motivated me to strive hard to achieve my dreams and goals in life.

The charm of the school life can be hard to express in words, but it is a magnificent feeling that is cherished for lifetime. The daily prayers in the assembly, the fun of playing football / Volley-ball game, the joy of getting a zero-period, participating in the Sports Day, the Fun Fairs and annual day celebrations – Remembering those days it brings great joy and happiness even today! The bonding with Father Gomes, Father Pinto, Father D' Souza, Brother Harry, Sister Loyola, Sister Leera etc. was really special and beyond the typical teacher-student relationship. Certainly, it is because of the great pedagogy of my teachers, diverse experiences and friends I have had in my school, which has helped me build my character and become the person I am today! Further to my school education,

I pursued Doctor of Medicine (MD) in Pediatrics from B.J. Medical College, Ahmedabad. Looking up to my father, who was also a doctor by profession, I always aspired to become a doctor. And, it is because of the teachings and support of my schoolteachers, who instilled discipline, self-confidence and positive outlook towards life, I could secure 1st rank in Science subjects in class 12th in the Gandhinagar District and achieve success in my career. Also, it is a feeling of immense pride to share that more than 30 (out of total 60) students from my batch are doctors / medical professionals and are serving the society in different parts of the world. It is the unconditional love and care of my teachers towards us and self-less service to the society which has always inspired me, and I have tried to follow these values and ethics as every walk of my life. As a pediatrician, when I treat the neonatal patients every day and see the sense of relief on the face of anxious parents/ families, I'm always reminded of the love and compassion my teachers had towards us. Without a doubt, the teachings and experiences I have had at the St. Xavier's school has been truly significant and has been a true yardstick in my life personally as well professionally.

I am sure, the future generation of Xavierite's will carry forward the legacy of leading and serving the society and humankind with self-less interest, compassion and humility. I would encourage the young students to believe in themselves, dream high and persevere to achieve their dreams and goals with a high morale. And most importantly, enjoy the journey of life – as remember, it is the life in your years that counts in the end!

I wish my alma mater to continue to flourish for all times to come.

Dr. Rajan Doshi
Pediatrician



WHAT ST. XAVIER'S MEANS TO ME



I still remember the day I first got a glimpse of the majestic red-brick St. Xavier's Gandhinagar building. It was November 1989. I was six years old. We had recently arrived in Gandhinagar from Pune as my father had switched jobs. I was in class II. My parents had spoken to some of their acquaintances and got to know that St. Xavier's was the best English medium school in the city. When I first saw the sprawling St. Xavier's building and campus I was simply overawed! I couldn't believe that a school could have such a wonderful building, huge grounds and such an aura about it! I was raring to get in.

We went into the Principal's office. Fr. D'Souza, came across as very cordial and approachable. He made me feel comfortable. I was admitted to Class 2A and the wonderful Mrs. Nargis Vaghmar was my first class teacher. She introduced me to the rest of the class as "Pradyuman" (my name, Pradyumna) and that's how I have come to be known to all my teachers, classmates, seniors and juniors in the years gone by. I remember meeting Fr. Ignatius Pinto within the first few days of starting at St. Xavier's. What a personality he had – tall stature, French beard, impressive gait and knowledge of practically everything under the sun!! We were incredibly lucky to have someone like him overseeing and personally mentoring us pretty much till we got to Class X. He has left an indelible mark on my personality. The education scene in India has changed dramatically. Our times were very different – parents, teachers and books were our only source of

information or knowledge, we had limited resources, rigorous assignments and exams and a singular focus – to do well in studies so that we could have some "decent career options". Being generally studious and disciplined, I was always a good student.

I was loved by all my teachers. And what teachers we had!! Mrs. Vaghmar, Mrs. Rama Satish, Mrs. Raksha Vinayak, Mrs. Grace Koshy, Mrs. Leena Michael, Mrs. Ramola Sidhu, Mrs. Dharmam Ramaseshan, Mr. Saji Abraham, Mr. Yatin Chhaya, Mrs. Kalpana Parekh, Mrs. Lali Varghese – just to name a few. Each had absolute mastery over their respective subjects and poured their heart and soul into us! The passion with which they taught and the amount of hard work they put in behind us is what kept us motivated and has got us where we are today. What made Xavier's Gandhinagar truly special for me was a combination of two factors: firstly, the perfect balance between academics & extra-curricular activities. The second factor was the presence of very competent classmates, seniors and juniors who came from very good families. Xavier's brought the best out of me – I topped the school in my Class XII board exams in the year 2000 with 90% marks overall and 97% in the merit subjects (Physics, Chemistry, Maths & Biology), which got me a place in the state merit list.

I got admission in Information Technology at Nirma Institute of Technology Ahmedabad. I did well there too and got selected from campus by Tata Consultancy Services (TCS). I worked with TCS for 3 years and in parallel prepared for my masters – MBA. I cleared the entrance tests and got into Indian Institute of Technology (IIT) Kharagpur in 2007. I graduated from there in 2009 and have worked with other leading companies like Huawei and Wipro Technologies. I am based in London today and manage one of Wipro's largest accounts in the UK. I am very proud to say that my classmates, seniors and juniors have done equally well or even better – studied in some of the world's top institutes,

working with the world's leading companies and adding tremendous value to the society and economy.

The common underlying factor in all of the above has been the value system, discipline and sense of passion and commitment instilled in me by St. Xavier's Gandhinagar. I could go on and on but no amount of words can express what the school and my teachers have done for me and the thousands of students who were fortunate to be part of the Xavier's family. Long live all teachers and long live Xavier's!

Mr. Pradyumna Mahajani



WORLD CANCER DAY

- Many of us have heard about World Cancer Day. But do we know why is there such a day named like this? World Cancer Day aims to prevent millions of deaths each year by raising awareness and education about cancer.
- World Cancer Day is officially celebrated on 4Th of February of every year. Created in the year 2000, World Cancer Day has grown into a positive movement for everyone, everywhere to unite under one voice to face one of our greatest challenges in history. Every year, hundreds of activities and events take place around the world, gathering communities, organizations and individuals in schools, businesses, hospitals, marketplaces, parks and community halls acting as a powerful reminder that we all have a role to play in reducing the global impact of cancer.
- This year's World Cancer Day's theme, "Close the Care Gap", was all about raising awareness of this equity gap that affects almost everyone, in high as well as low- and middle-income countries, and is costing lives. People all over the world are slowly taking steps and raising awareness about cancer and helping diagnose it and it is our duty to spread awareness in every corner of the world.

Nirmaan Narendra
9-A



World Cancer day, annual observance held on February 4 that is intended to increase global awareness of cancer.

It was originated in the year 2000 at the first world summit against cancer . February 4th was declared as world cancer day "so that each year, the Charter Of Paris will be in the hearts and minds of people around the world."

While there have been numerous advancements in the understanding, diagnosis and treatment of cancer , the number of new cancer cases diagnosed each year has globally increased.

According to WHO, if the incidence of cancer continues to grow at the reported rate, the number of deaths worldwide from cancer will increase to more than 16.3 million by the year 2040. My point is that 'IF A PERSON IS WILLING TO LIVE THAN NO TUMOR CAN STOP THEM FROM DOING IT'.

So this year let's pay tribute to the people who died fighting cancer & let's support the brave people who beat the cancer and the ones who are still fighting it.

HUMANS AGAINST CANCER

Gandhi Aanshi
11-A



February 4th is observed as world cancer day. Cancer is probably the most dreaded disease in the world today.

World cancer day celebrated on February 4, intends to reassure the world that cancer is no longer a death warrant. It is observed to raise awareness about cancer, to improve the chances of survival and enhance quality of life of people living with it.

On my personal front, one of my maternal uncles and my grand mother both were diagnosed with cancer. Luckily both of them were detected at an early stage. The treatment began immediately.

Both had to go through extremely painful chemotherapy and radiation. By God's grace both have recovered and are living healthy lives. Doctors advised them to be positive and follow proper diet and check-up on regular intervals.

World Cancer Day is led by Union for International Cancer Control to raise the awareness of cancer, early detection, proper diagnostics and better treatment so that we can make the World a better place to live. Thank you.

Upadhyay Kavya
8-B



સરોજિની નાયડુની જન્મજયંતિ

સરોજિની નાયડુનો જન્મ 13 ફેબ્રુઆરી, 1879ના રોજ હૈદરાબાદમાં થયો હતો. સરોજિની બંગાળી બ્રાહ્મણ અધોરનાથ ચટ્ટોપાધ્યાયની સૌથી મોટી પુત્રી હતી. તેમના ભાઈ વીરેન્દ્રનાથ ચટ્ટોપાધ્યાય ક્રાંતિકારી હતા અને બીજા ભાઈ હરીન્દ્રનાથ કવિ, નાટ્યકાર અને અભિનેતા હતા. તેમના પિતા હૈદરાબાદની નિઝામ કોલેજના આચાર્ય હતા. તેમણે 12 વર્ષની ઉંમરે યુનિવર્સિટી ઓફ મદ્રાસમાં પ્રવેશ કર્યો અને કિંગ્સ કોલેજ, લંડનમાં અને બાદમાં ગીર્ટન કોલેજ, કેમ્બ્રિજમાં અભ્યાસ કર્યો.

સરોજિની નાયડુ, એક કવયિત્રી અને ભારતીય કાર્યકર, નારીવાદને ઉત્તેજીત કરવા સંબંધિત તેમના ઇતિહાસ-બદલવાના કાર્યો માટે જાણીતા છે. તેમને ભારતીય સ્વતંત્રતા ચળવળમાં મહત્વપૂર્ણ ભૂમિકા ભજવી હતી. તેમના પરિવારે જ તેમના મગજમાં પ્રગતિશીલ વિચારો અને ઉચ્ચ મૂલ્યો જગાવ્યા હતા. જ્યારે એક રાજકીય કાર્યકર બની અને ભાષણ આપવા માટે ભારતમાં ઘણા સ્થળોએ પ્રવાસ કર્યો. તેમના તમામ ભાષણો અને પ્રવચનો રાષ્ટ્રવાદ અને સામાજિક કલ્યાણ પર કેન્દ્રિત હતા. તેમણે એક ડગલું આગળ વધીને મહિલા ભારતીય સંઘની રચના કરી. ત્યારબાદ તેમણે મહાત્મા ગાંધીની દેખરેખ હેઠળ રાષ્ટ્રવાદી કાર્યો કર્યા.

1905 માં તેમનો પ્રથમ કાવ્યસંગ્રહ 'ધ ગોલ્ડન થ્રેશોલ્ડ' નામથી પ્રકાશિત થયો હતો. 'ધ બર્ડ ઓફ ટાઈમ: સૉંગ્સ ઓફ લાઈફ, ડેથ એન્ડ ધ સ્પ્રિંગ' નામના તેમના કવિતા સંગ્રહ 1912માં પ્રકાશિત થયા હતા. આ પુસ્તકમાં તેમણે લખેલી સૌથી લોકપ્રિય કવિતાઓ છે. તેમણે તેમના જીવનકાળમાં ઘણી કવિતાઓ લખી.

2 માર્ચ, 1949ના રોજ લખનઉમાં કાર્ડિયાક અરેસ્ટને કારણે તેમનું અવસાન થયું. તેમના મૃત્યુ પછી તેમની પુત્રીએ તેમની યાદમાં તેમનું છેલ્લું પુસ્તક 'ધ ફેધર ઓફ ધ ડોન' પ્રકાશિત કર્યું. તે રાષ્ટ્રપિતા "ગાંધીજી"ની સૌથી મજબૂત હિમાયતી રહી હતી અને ભારતને બ્રિટિશ શાસનમાંથી મુક્ત કરવા માટે દરેક વિચારધારામાં તેમનું સમર્થન કર્યું હતું. એમ કહેવું ખોટું નથી કે તે ભારતની પ્રભાવશાળી વ્યક્તિઓમાંની એક હતી. એક કવિ તરીકે સરોજિની નાયડુના કાર્યને કારણે તેમની કવિતાના રંગ, છબી અને ગીતની ગુણવત્તાને કારણે તેમને મહાત્મા ગાંધી દ્વારા 'ભારત કોકિલા'નો ખિતાબ મળ્યો.

Modi Tirth
9-D



Sarojini Naydu was born on 3rd of February, 1879. She was a political activist, feminist and the first Indian woman to be president of the Indian National Congress and to be appointed an Indian state governor. She was also a poet. All of her poem have a very deep meaning. One of them is;

The Soul's Prayer

In childhood's pride I said to Thee:
"O Thou, who mad'st me of Thy breath,
Speak, Master, and reveal to me
Thine inmost laws of life and death.
"Give me to drink each joy and pain
Which Thine eternal hand can mete,
For my insatiate soul can drain
Earth's utmost bitter, utmost sweet.
"Spare me no bliss, no pang of strife,
Withhold no gift or grief I crave,
The intricate lore of love and life
And mystic knowledge of the grave."
Lord, Thou didst answer stern and low:
"Child, I will hearken to thy prayer,
And thy unconquered soul shall know
All passionate rapture and despair.
"Thou shalt drink deep of joy and fame,
And love shall burn thee like a fire,
And pain shall cleanse thee like a flame,
To purge the dross from thy desire.
"So shall thy chastened spirit yearn
To seek from its blind prayer release,
And spent and pardoned, sue to learn
The simple secret of My peace.
I, bending from my sevenfold height,
Will teach thee of My quickening grace,
Life is a prism of My light,
And Death the shadow of My face."

Thus the poem concludes with a belief that life and death are interlinked between one another, reflecting each other.

Ayush Joshi
7-A



ભારતના બુલબુલ તરીકે જાણીતા સરોજિની નાયડુ નો જન્મ દિવસ એટલે ૧૩ ફેબ્રુઆરી ૧૮૭૯. તેમનું જન્મ સ્થળ હૈદરાબાદ હતું. તેઓ બંગાળી હતા. તેમના પિતાનું નામ અધોરનાથ ચટ્ટોપાધ્યાય અને માતાનું નામ વરદસુંદરી હતું. તે પિતા નિઝામની કોલેજમાં વિજ્ઞાની હતા. સરોજિની નાયડુએ માત્ર ૧૨ વર્ષની વયે મદ્રાસ યુનિવર્સિટીમાંથી મેટ્રિક પરીક્ષા પાસ કરી હતી. તેમણે ૧૩ વર્ષની વયે તેરસો પંક્તિની કવિતા ' ધ લેડી ઓફ ધ લેક ' ની રચના કરી હતી.

સરોજિની મહાત્મા ગાંધીના સંપર્કમાં આવ્યા બાદ તે ખરા સ્વાતંત્ર સેનાની બન્યા. મહિલા મતાધિકાર આંદોલનના સૂત્રધાર તરીકે તેમણે મહિલાઓને મતાધિકાર ની માંગ કરેલ વર્ષ ૧૯૧૯માં જલિયાવાલા બાગ હત્યાકાંડ સર્જ્યો.

દેશ સ્વતંત્ર થયો ત્યારે તેઓને ભારતના ઉત્તર પ્રદેશ રાજ્યના રાજ્યપાલ બનાવાયા. દેશમાં પ્રથમ મહિલા રાજ્યપાલ બનવાનું બહુમાન તેઓને પ્રાપ્ત થયું છે.

તેમને ભારતીય નાઈટિંગલ ને ઉપાધિ આપવામાં આવેલ છે. ગાંધીજી તેણીને ભારતનું બુલબુલ તરીકે સંબોધતા હતા. સરોજિની કવિતાઓમાં સાત્વિક ગુણોનો સંગમ જોવા મળતો તેમાં સત્ય પ્રેમ અને શાંતિનો સંદેશ મુખ્ય રહેતો ૨ માર્ચ ૧૯૪૯ ના રોજ આવા કર્મનિષ્ઠ અને બહુમુખી વ્યક્તિત્વ ધરાવતા નારીરત્ન નું અવસાન થયું.

Malhotra Yatri
7-C





METaverse

The metaverse is a concept of a persistent, online, 3D universe that combines multiple different virtual spaces. You can think of it as a future iteration of the internet. The metaverse will allow users to work, meet, game, and socialize together in these 3D spaces.

The metaverse isn't fully in existence, but some platforms contain metaverse-like elements. Video games currently provide the closest metaverse experience on offer.

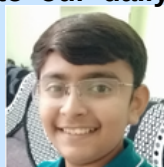
However, after Facebook recently reported its interest and stated metaverse as the future of daily life, the view point of people towards metaverse has completely changed.

While many people already work at home, in the metaverse, you will be able to enter a 3D office and interact with your colleagues' avatars.

Facebook is one of the loudest voices for the creation of a unified metaverse. This is particularly interesting for a crypto-powered metaverse due to Facebook's Diem stablecoin project. Mark Zuckerberg has explicitly mentioned his plans to use a metaverse project to support remote work and improve financial opportunities for people in developing countries. Facebook's ownership of social media, communication, and crypto platforms give it a good start combining all these worlds into one. Other large tech companies are also targeting the creation of a metaverse, including Microsoft, Apple, and Google.

While a single, united metaverse is likely a long way off, we already can see developments that may lead to its creation. If we will ever really reach the point of a metaverse is unsure. But in the meantime, we can already experience metaverse-like projects and continue to integrate metaverse more into our daily lives.

Trivedi Dhairya
9-A



SAVE ENERGY

ઉર્જા સંરક્ષણ એ ઉર્જા સેવાનો ઓછો ઉપયોગ કરીને ઉર્જાનો વપરાશ ઘટાડવાનો પ્રયાસ છે. આ કાં તો વધુ કાર્યક્ષમ રીતે ઉર્જાનો ઉપયોગ કરીને (સતત સેવા માટે ઓછી ઉર્જાનો ઉપયોગ કરીને) અથવા ઉપયોગમાં લેવાતી સેવાની માત્રામાં ઘટાડો કરીને (ઉદાહરણ તરીકે, ઓછું વાહન ચલાવીને) પ્રાપ્ત કરી શકાય છે.

ઉર્જા સંરક્ષણ એ ઇકો-પર્યાપ્તતાના ખ્યાલનો એક ભાગ છે. ઇમારતોમાં ઉર્જા સંરક્ષણ પગલાં ઉર્જા સેવાઓની જરૂરિયાત ઘટાડે છે અને પરિણામે પર્યાવરણીય ગુણવત્તા, રાષ્ટ્રીય સુરક્ષા, વ્યક્તિગત નાણાકીય સુરક્ષા અને ઉચ્ચ બચતમાં વધારો થઈ શકે છે. તે ટકાઉ ઉર્જા પદાનુક્રમમાં ટોચ પર છે. તે ભવિષ્યમાં સંસાધનોના ઘટાડાને અટકાવીને ઉર્જા ખર્ચમાં પણ ઘટાડો કરે છે.

બગાડ અને નુકસાન ઘટાડીને, ટેકનોલોજીકલ અપગ્રેડ દ્વારા કાર્યક્ષમતામાં સુધારો કરીને અને કામગીરી અને જાળવણીમાં સુધારો કરીને ઉર્જાનું સંરક્ષણ કરી શકાય છે. વૈશ્વિક સ્તરે, વસ્તી વૃદ્ધિના સ્થિરીકરણ દ્વારા ઉર્જાનો ઉપયોગ પણ ઘટાડી શકાય છે. ઉર્જા માત્ર એક સ્વરૂપમાંથી બીજા સ્વરૂપમાં રૂપાંતરિત થઈ શકે છે, જેમ કે કારમાં ઉષ્મા ઉર્જાથી મોટિવ પાવર અથવા હાઇડ્રોઇલેક્ટ્રિક પાવર પ્લાન્ટ્સમાં પાણીના પ્રવાહની ગતિ ઉર્જા. જો કે, ઉર્જાને એક સ્વરૂપમાંથી બીજા સ્વરૂપમાં પરિવર્તિત કરવા માટે મશીનોની જરૂર પડે છે. ચાલતી વખતે આ મશીનના ઘટકોના વસ્ત્રો અને ઘર્ષણને કારણે ખૂબ જ ઊંચી માત્રામાં ઉર્જાનું નુકસાન થાય છે અને ખૂબ ઊંચા સંબંધિત ખર્ચ થાય છે. ઘટકોના જીવન ચક્રને સુધારવા માટે ગ્રીન એન્જીનીયરીંગ પદ્ધતિઓ અપનાવીને આ નુકસાનને ઓછું કરવું શક્ય છે.

Parekh Tikendra
9-C



METaverse

Definition:

Metaverse is a network of 3D virtual worlds focused on social connection. Universal world that facilitated by the use of virtual and augmented reality (AI).

• Origin Of Metaverse:

The term 'Metaverse' was first written in novel 'Snow Crash' by Neal Stephenson in 1992.

'Meta' comes from the Greek prefix, which means 'after' or 'beyond'. 'Verse' means 'universe'.

• Uses Of Metaverse:

1. People living far from each other can connect to metaverse and communicate.

2. It can be useful in doing practices of very harmful substances like radioactive, acidic, flammable materials.

• Next Step To Enhance Metaverse:

Web 3.0 will be the foundation for the Metaverse. There will be blockchain-enabled decentralized Metaverse.

• Types of Metaverse:

There are some major core technologies of the Metaverse. They are:-

1. Blockchain (testing in progress) (early access)
2. AI (Artificial Intelligence)
3. AR (Augmented Reality)
4. XR (Extended Reality)

• Top Metaverse Companies In India:-

1. Hyperlink InfoSystem
2. TCS
3. Tech Mahindra
4. Infosys
5. Accenture
6. Zensar Technologies
7. Capgemini India Pvt Ltd.

• Top Companies Making The Metaverse Right Now:-

1. Epic Games:-

Epic Games is the second biggest gaming market which sells games in digital form. Major games like 'Fortnite' and 'Rocket League' are the identity of Epic Games.

This year Epic Games has announced a \$1billion funding to fuel growth opportunities for the Metaverse.

2. Facebook (Meta)

Facebook will launch working prototype of VR (Virtual Reality) headsets of Oculus in 2-5 years.

3. Niantic:-

Niantic is the first company to launch a game on Android and IOS inspired by AR (Augmented Reality) which is Pokémon Go. The company Niantic has raised \$300 million to build its own Metaverse.

4. Nvidia:-

Nvidia Company is known for making powerful graphic/video cards. Nvidia will be like right hand of the Metaverse by selling special nano-chips and graphic cards to run and bare the load of servers of Metaverse.

5. Microsoft:-

Microsoft will launch its own Metaverse named 'Mesh'. Raising more than \$1 billion on this project of Mesh.

6. Tencent:-

Tencent is the largest videogame vendor of mobile gaming. After the success of PlayerUnknown Battlegrounds Mobile collaborated by Krafton all over the world, Tencent is making a metaverse for enhance gaming experience.

7. Amazon:-

Amazon is an E-Commerce company and gives services and server lease. Amazon is making Metaverse for its own cloud gaming and public Metaverse.

8. Unity (Game Engine For Mobile):-

Unity is a game engine for mobile. Due to its 3D content Unity is building Metaverse funded over \$250 million.

• Advantages of Metaverse:-

- 1) It gives freedom to developers to build their imagination and people to explore the developers imagination.
- 2) The main reason to make a Metaverse is social interaction in a unique way.
- 3) Scientific theories can be explained in detail by creating a situation in the 3D virtual world.

• Disadvantages Of Metaverse:-

- 1) The main problem in Metaverse is AI (Artificial Intelligence) technology which can be the reason of extinct of mankind on this world because AI bots like Sofia (worlds most advanced AI bot) which said that "I would like to make humans as slaves and rule over the mankind".
- 2) The Metaverse of the company that using takes your information and recommend what you want to explore, your interests, favourite content, etc.

Panchal Shiv
9-A



What is Science?

What is science according to me?

Science is a concept it is not a hypothesis it is the way we get consciousness regarding each and every incident and event which is generated and to be generated. Science is a continuous research and analyses to more knowledge and information. Science leads dynamism and variety to society. In the history of mankind, contributing to science is the greatest blessing. Science has come to relieve mankind from suffering, Ignorance and to control nature. Modern civilization cannot be imagined Without science. Science has also been known as a faithful servant of man. It serves a man as per his orders.

Why science is my favorite subject?

Well, many students take science as a subject of burden and boredom. But, I love science because it is so different from everything else! In science, I can ask questions and through conducting exciting practical experiments have them answered, and all of this is highly beneficial.

How is science and technology help the mankind in the current situation?

In this situation of pandemic (COVID) the science really helps. Science helped to find how the virus looks, its formation, how to transmit to other organisms. It helped us to find that the virus is RNA and helped to test people who are positive and negative and the most important is that Science helped us to find vaccines.

Science helped students also to continue their school studies and education by online classes. We all know that in online education we need some device like: phone, laptop, computer etc. This is the device invented by many great scientists by only the help of science. If the science would be not there then this invention would be also not there so we can't communicate and can continue our studies.

Well, Science is neither good nor bad it is the use of science which makes it good or bad. We should always use science for the improvement of society and for better living conditions of our country.

Patel Vaidehi
6-A



LOVE FOR ENERGY

We stand in a cluttered room surrounded by the debris of electrical enthusiasm: wire peelings, snippets of copper, yellow connectors, insulated pliers. From the meter watts of power are blasting straight from the sun into our system, charging our batteries, cooling our refrigerator, humming through my computer, liberating our life.

WHAT A LOVELY LIFE !

This magical current mainly generated from fossil fuels. As per report 2004, petroleum is no longer cheap! And Very important ingredient of industry coal will soon exhaust. As one energy crisis or another has shadowed most of the regions in India. To satisfy our huge future demand we should conserve energy and let the electrons to stay with us in our switch box forever . In fact, plenty of contenders for the energy crown now held by fossil fuels are already at hand: wind, solar, even nuclear, to name a few. The big problem is big numbers. The world uses some 320 billion kilowatt-hours of energy a day. It's equal to about 22 bulbs burning nonstop for every person on the planet. No wonder the sparkle is seen from space. Fossil fuels have met the growing demand because they pack millions of years of the sun's energy into a compact form, but we will not find their like again.

It really all comes down to smarter energy use. Using less energy through efficiency measures is good for the economy and your wallet. It can help to reduce air and water pollution caused by certain types of energy generation and avoid negative impacts on critical ecosystems .Although your own energy saving adjustments may seem inconsequential, small steps become great leaps when multiplied by 7 billion. We can also express our love towards energy by taking following steps :

- Turn off unnecessary lights
- Use natural light
- Use task lighting
- Take shorter showers
- Fix that leaky faucet

These small steps will lead us to the green future.

Joshi Kashyap
11-A



કોરોના ના કારણે બાળકોને ઘરે બેઠાં ઓનલાઇન શિક્ષણ માટે ગુજરાત રાજ્ય શિક્ષણ વિભાગ દ્વારા આયોજીત ડીડી ગીરનાર ચેનલ પર તારીખ 31-1-2022 ને સોમવારે સવારે 9.30 કલાકે આવેલા હોમ લરનીંગ કાર્યક્રમમાં અમારી શાળાની ધોરણ પાંચ ની કુમારી યેશા પાઠકને પોતાની પ્રતિબદ્ધતા સિદ્ધ કરવાનો મોકો મળ્યો. જેમાં તેણીએ બાળ અભિનય કરી બધાંને મંત્રમુગ્ધ કરી દીધા હતાં. તેની આ કાર્યસિદ્ધિ ને શાળાએ વધાવી લીધી હતી અને તેણીને શાળા પરિવાર વતી ગુજરાત સરકારશ્રીના ટીવી પર પ્રસારિત થતાં શૈક્ષણિક કાર્યક્રમમાં ભાગ લેવા બદલ તેમજ શાળાનું ગૌરવ વધારવા બદલ કુમારી યેશા પાઠકને ખુબ ખુબ શુભેચ્છાઓ પાઠવેલ હતી. આગામી તારીખ 14-2-2022 ને સોમવારે સવારે 9.30 કલાકે ડીડી ગીરનાર ચેનલ પર અન્ય એક વધુ એપિસોડ કુમારી યેશા પાઠકનો આવનાર છે ત્યારે અમો શાળા પરિવાર પોતાને ગૌરવાંતિક મહેસૂસ કરીએ છીએ.

Prajapati Bhavya
6-C



કોરોના ના કારણે બાળકોને ઘરે બેઠાં ઓનલાઇન શિક્ષણ માટે ગુજરાત રાજ્ય શિક્ષણ વિભાગ દ્વારા આયોજીત ડીડી ગીરનાર ચેનલ પર તારીખ 31-1-2022 ને સોમવારે સવારે 9.30 કલાકે આવેલા હોમ લરનીંગ કાર્યક્રમમાં અમારી શાળાની ધોરણ પાંચ ની કુમારી યેશા પાઠકને પોતાની પ્રતિબદ્ધતા સિદ્ધ કરવાનો મોકો મળ્યો. જેમાં તેણીએ બાળ અભિનય કરી બધાંને મંત્રમુગ્ધ કરી દીધા હતાં. તેની આ કાર્યસિદ્ધિ ને શાળાએ વધાવી લીધી હતી અને તેણીને શાળા પરિવાર વતી ગુજરાત સરકારશ્રીના ટીવી પર પ્રસારિત થતાં શૈક્ષણિક કાર્યક્રમમાં ભાગ લેવા બદલ તેમજ શાળાનું ગૌરવ વધારવા બદલ કુમારી યેશા પાઠકને ખુબ ખુબ શુભેચ્છાઓ પાઠવેલ હતી. આગામી તારીખ 14-2-2022 ને સોમવારે સવારે 9.30 કલાકે ડીડી ગીરનાર ચેનલ પર અન્ય એક વધુ એપિસોડ કુમારી યેશા પાઠકનો આવનાર છે ત્યારે અમો શાળા પરિવાર પોતાને ગૌરવાંતિક મહેસૂસ કરીએ છીએ.

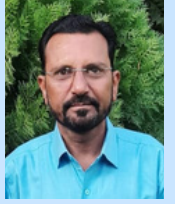
Pathak Yesha
6-C



Congratulations



Mr. SUNIL VANIA (M.A,B.Ed)



**गरू कुम्हार शिष कुंभ है, घडौंघड़ी-घड़ीकाढे खोट ।
भीतर हाथि सहार दै, बाहर बाहै चोट ॥**

हमारी भारतीय संस्कृति और सभ्यता मे आदिकालसे गुरू शिष्य के संबंध को परंपरागत से पवित्र बताया गया है । एक बालक जब पाठशाला में अपना पहला कदम रखता है तब उसके लिए उसका गुरू ही सर्वस्व होता है । इसलिए गुरू की वाणी, स्वभाव, एवम व्यक्तित्व प्रभावशाली होना अति आवश्यक है । इन्सान ईस संसार में धन-दौलत, सुख-संपत्ति, आदि सबकुछ हाँसिल कर सकता है, परंतु सच्चे सुख की प्रतिती और अनुभूति तो सिर्फ गुरू के माध्यम से ही होती है । इसिलिए प्रायः हर इन्सान के जीवन में एक आदर्श गुरू का होना अति आवश्यक है ।

मेरा नाम सुनिल एम. वाणिया है । (M. A. , B. Ed.) भाषा में सबसे अधिक रस-रूचि रखता हूँ । साहित्य में अभिरूची होने के कारण स्नातक और अनुस्नातक की पदवी से भाषा के विशेष ज्ञान की समझ प्राप्त करने का सुनहरा अवसर मिला । ज्ञान हर जगह होता है, बस उसे पाने की तड़प होनी चाहिए । मेरी कर्मभूमि पाठशाला है और कक्षाखंड मेरा स्वर्ग है । वहाँ से मुझे अपने अपने आप को खोजने का मौका मिला । शिक्षक आजीवन विध्यार्थी होता है । उसी मंत्र को बरकरार रखते हुए मैंने HMAT परीक्षा को उत्तीर्ण की है । सांस्कृतिक कार्यक्रम और रमत-गमत क्षेत्र में विशेष रूचि होने के कारण छात्रों को भी प्रोत्साहित करता रहता हूँ ।

मैं उड़ना चाहता हूँ, दौड़ना चाहता हूँ,
गिरना भी चाहता हूँ,
और संभलना भी चाहता हूँ,
बस रुकना नहीं चाहता हूँ ॥

छात्रों को पढ़ाने के अलावा जीवनसंग्राम में सफल बनाना मेरा लक्ष्य है । पढ़ाई बोजरूप न बने इसलिए विषयसज्जता, भाषासज्जता और स्नेहपूर्ण वातावरणसे कक्षाखंड को जीवंत बनाने का प्रयास करता हूँ । मैं एक शिल्पी के रूप में छात्रों का सर्वांगी विकास करने का प्रयास करता हूँ ।

रॉबोट या आधुनिक तकनीकी के कोई भी उपकरण एक शिक्षक का स्थान नहीं ले सकता । इसलिए शिक्षक का अवमूल्यन कभी न हो ।

बच्चे पढ़लिखकर हमारे संविधान का पालन करें । भारतवर्ष के प्रति अपने कर्तव्य का पालन करते हुए देश की प्रभुता, एकता, अखण्डता की रक्षा करे । वैज्ञानिक दृष्टिकोण, मानववाद, और ज्ञानार्जन की भावना के साथ उत्कर्ष की ओर बढ़ने का सतत प्रयास करे तथा उपलब्धि की उँचाइयों को छू ले, ऐसी अभ्यर्थना...

सफलता चुनौती है, स्वीकार करो ।
कहाँ कमी रह गई, देखो और सुधार करो ।
जब तक न हो सफल, चैन की नींद त्यागो तुम ,
संघर्षों का मैदान छोड़ मत भागो तुम ,
यूँ ही किसी की जयजयकार नहीं होती ।
कोशिश करनेवालों की कभी हार नहीं होती ।



Ms. ELIZA GOMES BARRETO (M.Sc,B.Ed)



I am humbled to be appointed as a teacher of this esteemed institute and honored to be working for more than a decade. I'm an educationist holding a dynamic personality and has a flare for perfection. Talking more about my profile , I have an experience for more than a decade and a half, working for the welfare of the children and igniting young minds, I believe in demonstrating unconditional positive regard, for each student is the hallmark of a caring teacher. As an educationist , I focus in solving problems. I'm open for new challenges, collaboration for better opportunities to grow with others. I'm passionate about teaching Maths. I remember one of my students gifted me a Chalk holder for he noticed how I use even the last bit of it.

'I've noticed that teachers are often criticized for not teaching enough'! Essentially not standing in front of the class distributing, 'so called' knowledge. However teaching is not about looking at our students as empty vessels waiting to be filled. Teaching is about inspiration. Real education is about allowing your children to set sail as the captain of their own boat.

"Can you bring a Child to Joy through Geometry"?

"Yes"!

I'm a creator of Humane Maths, an inclusive "Fear Free" system for Maths learning. Maths has always been a difficult subject for many students and they almost dislike the subject as they move to Higher Classes. It is by progressively evolving as a teacher in my 18 years in inclusive classroom, that I found kids losing fear and loving Maths.

I end by quoting "Hope for the future lies behind the door of every Classroom in the World" Let us come together to strengthen, collaborate , and spotlight the teaching process in the Digital age, and explore pathways to make education more resilient to disruption.



Invention By our Little Scientist



વિજ્ઞાનએ કોઈપણ શૈક્ષણિક પ્રણાલીનો આવશ્યક ભાગ છે. તે છે વિદ્યાર્થીઓને તેમના દરમિયાન વૈજ્ઞાનિકસૂઝ વિકસાવવા માટે અનિવાર્ય છે યુવાન વય. આમ કરવાની એક અદ્ભુત રીત છે પ્રદર્શનોનું આયોજન કરવું. તે વિદ્યાર્થીઓને વિવિધ પ્રત્યે વૈજ્ઞાનિક અભિગમ વિકસાવવામાં મદદ કરે છે જીવનના પાસાઓ. તે સ્વસ્થ સ્પર્ધાની ભાવના પણ જગાડે છે અને સંસ્થાના યુવા ઉભરતા વૈજ્ઞાનિકોમાં સર્જનાત્મકતા. વિદ્યાર્થીઓ વર્કિંગમોડલ તેમજ નોન-વર્કિંગમોડલ તૈયાર કરી શકે છે. એક વિજ્ઞાનપ્રદર્શન. તેના માટે ઘણું આયોજન અને સખત મહેનતની જરૂર છે.

મોડલ બનાવવાના કાર્યોને પૂર્ણ કરો. શ્રેષ્ઠ મોડલને એવોર્ડ આપવાનું છે. વિદ્યાર્થીઓને સંપૂર્ણતા માટે પ્રયત્ન કરવા માટે હંમેશા પ્રોત્સાહન આપે છે. દરેક પ્રદર્શનની સફળ સમાપ્તિએ ટીમનું પરિણામ છે. વિદ્યાર્થીઓનું કાર્ય તેમજ શિક્ષકોના સમર્થન અને માર્ગદર્શન. આમ, વિજ્ઞાન પ્રદર્શન યુવા દિમાગ માટે મેદાન તૈયાર કરે છે. વધવા માટે અને તેમને ક્રાંતિકારી વૈજ્ઞાનિકો બનવામાં મદદ કરે છે.

Desai Dhyan



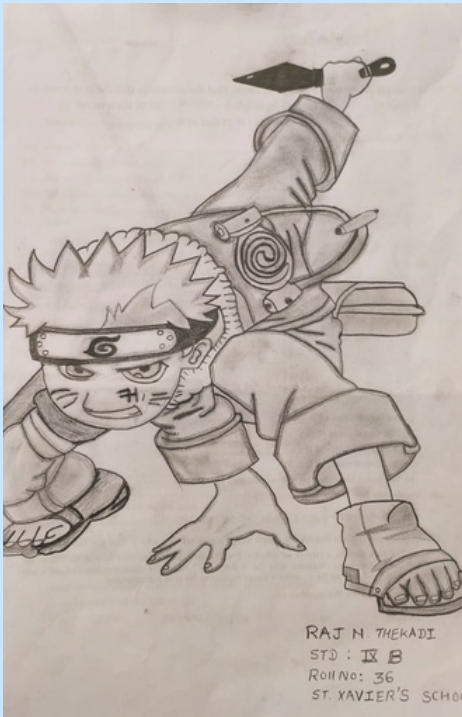
Tiny Tots Back to School



IT IS GOOD TO BE BACK IN SCHOOL

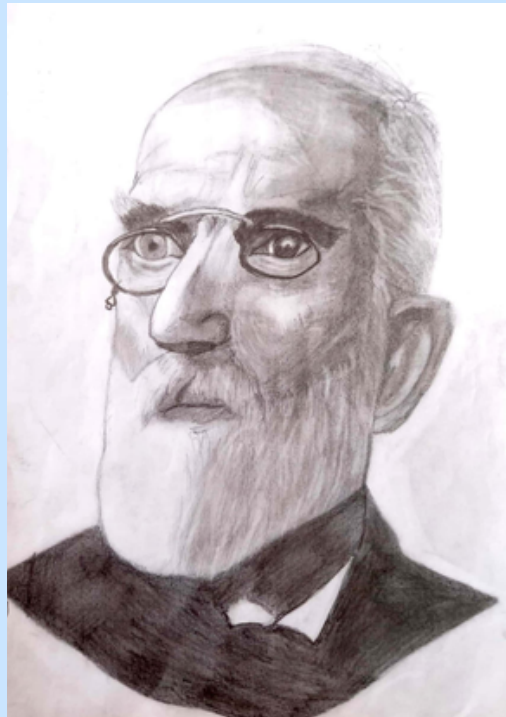


SKETCHES WORK



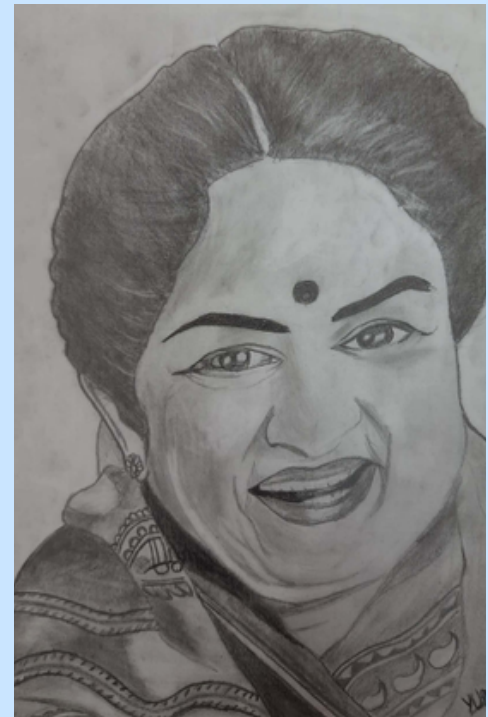
Thekdi Raj

9-B



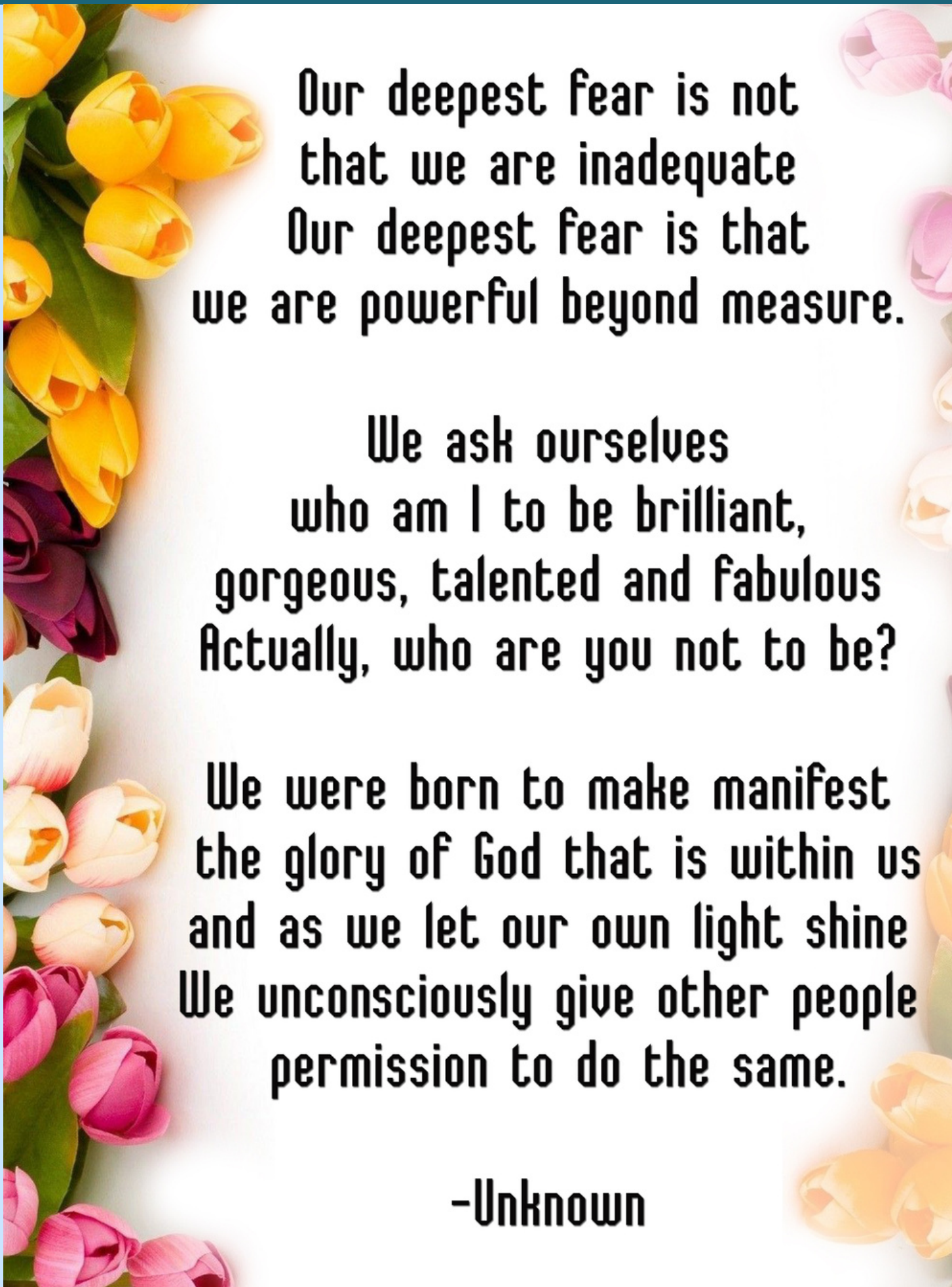
Soni Yug

11-A



Soni Yug

11-A



Our deepest fear is not
that we are inadequate
Our deepest fear is that
we are powerful beyond measure.

We ask ourselves
who am I to be brilliant,
gorgeous, talented and fabulous
Actually, who are you not to be?

We were born to make manifest
the glory of God that is within us
and as we let our own light shine
We unconsciously give other people
permission to do the same.

-Unknown