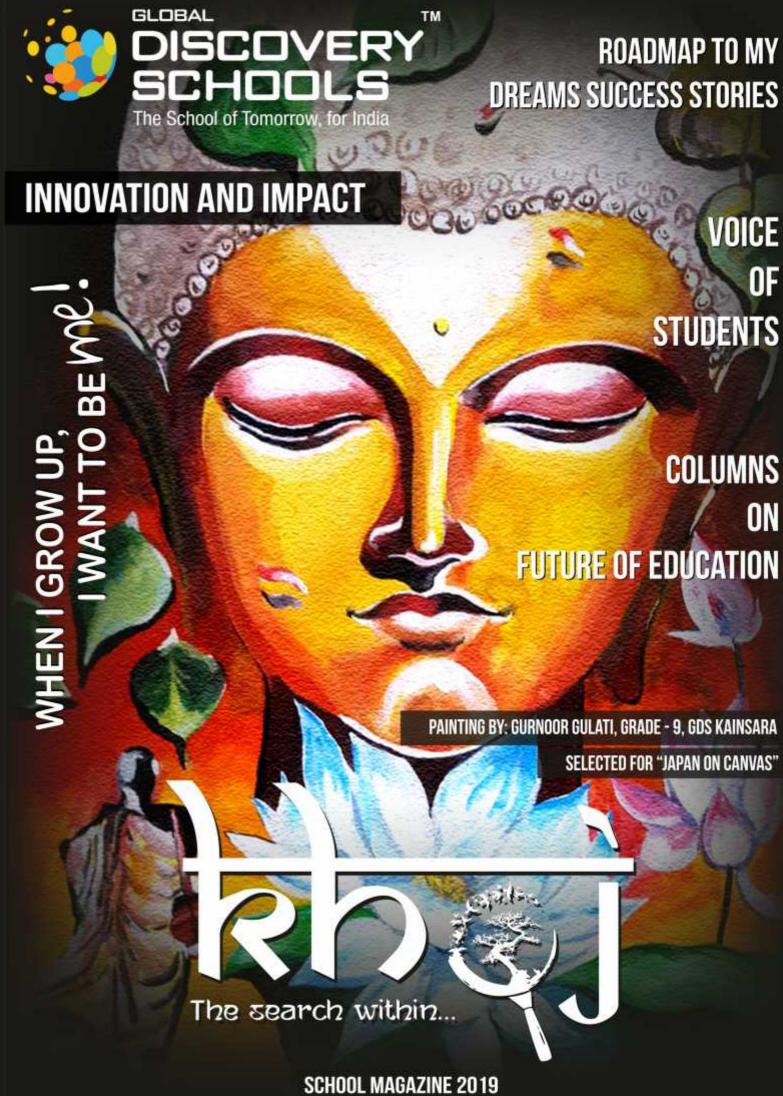




The School of Tomorrow, for India



Paintings & Drawings

Poetry(English)

Poetry(Hindi)

Short Stories(English)

Short Stories(Hindi/Local Language)

Articles/Write-ups/thoughts on any issues

Student of the year

National & International Level Participation

Inspirational anecdotes

Academic & Events Glimpse

Out of the box nominations

Students Council Members House wise

Principal, Vice Principal, GMs



getting them unduly stressed.







The Most Memorable, Engaging

Discovery Packets are the backbone of Global Discovery media, prescribed activities, learning concepts and ensures a moment of complete clarity, called the



The Unique Classroom

& Rewarding Education Experience

Schools' teaching philosophy. These are comprehensive lesson plan, packaged with the tools needed to attain a specific learning goal. These tools, aids and artefacts are creatively woven together symbiotically to include events that leverage various teaching methodologies. The aim of a Discovery Packet is to ensure that a child Discovery Moment.

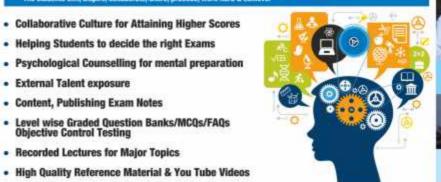
The Discovery Moment is the moment of sudden realization, inspiration, insight, recognition of comprehension. Discovery Packets are also facilitated by Educomp Smart Classes, field trips, guest lectures and role play connections.

#### **DISCOVERY LAUNCHPAD**

How to manage people working for you:

This platform will inject enterpronounting and technology in all facets of the claseroom curriculum to prepare studen to succeed. They must be comfortable leveraging all forms of factorology as a tool to explail that opportunity.

Our children need to be creat



**HIGH SCHOOL POWER PLAY** 

**OUR STRATEGY FOR HIGHER GRADES** 

Level wise Graded Question Banks/MCQs/FAQs Objective Control Testing

. Recorded Lectures for Major Topics



#### CHANGING EDUCATION PARADIGMS

Global Discovery Schools offer individualized learning roadmaps for each child replacing the old factory model of education.

Sir Ken Robinson



# CREATORS



CREATIVE LEAD
Himanshu Jingar



CONTENT EDITOR
Nikhila Biluka



CONTENT EDITOR

Rajlaxmi Pattanaik



# FROM DESK OF EDITOR IN CHIEF

I am excited and glad to introduce you to "KHOJ-The Discovery Within"- the annual magazine of the year 2018-2019. It is indeed that moment in the journey of Global Discovery Schools everyone has been waiting for long. We, at Global Discovery Schools, have always encouraged both our students and faculties to explore their interests and discover new dimensions.

"Khoj" is not only a platform for all our stakeholders to express themselves but also an opportunity for them to dive deep into themselves and discover their joy and delight. It helps them realize that inner creativity is worth spilling-especially when it is tied up in learning, fun, and anything but the expected. Thus, it becomes an opportunity for them to add a few more favorites to their favorites. For those who seek intrigue, creative write-ups, and ingenious poetries, KHOJ is just for you.

Here we present the first edition of KHOJ.

I am grateful to each and everyone who has contributed to its making. A special thanks to my team Nikhila, Himanshu and Rajlaxmi for helping me finally shape this beautiful idea. I hope it will

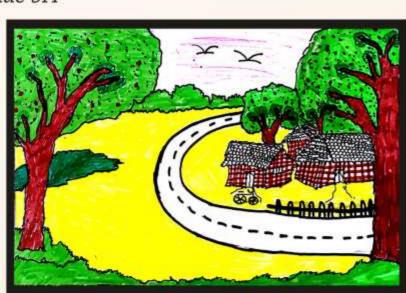
- Nikhil Jain



# PAINTINGS DRAWINGS



GDS Sevasi, Yashali, Grade 9A



GDS Pali, Vihan Kawar, Grade 4



GDS Sevasi, Pragyan, Grade 1A



GDS Sevasi, Isha Patel, Grade 1B



GDS Sevasi, Kanishka, Grade 2



GDS , V. Jaishnav, Grade

## THE INDIAN SCHOOL

ndia has the world's largest K12 market with 260 million children between the ages of 5 to 17 years enrolled in 1.5 million schools. However, this sector is plagued with issues like government overregulation, undertrained teachers and poor infrastructure.

The country itself is growing rapidly and there will be a huge requirement for educated workers to fulfill the needs of industry over the next couple of decades. Additionally, the skillsets needed for tomorrow's workforce will be very different from what was needed in the last century. The list of skills required for the 21st century include capabilities like:



- Critical thinking
- Creativity
- Collaboration
- Communication
- Information literacy
- Media literacy

- Technology literacy
- Flexibility
- Leadership
- Initiative
- Productivity
- Social skills
- This means that schools need to shift away from the old exam driven rote learning model which only developed memorization and compliance to enable their students to develop these much-needed skills. Some of the aspects that the Indian school of the future needs to develop are:

#### 1. Provide personalized learning for each child

Each child is unique and has different interests and learning styles. Focusing on them will help hone their talent and make them strong individuals. Hence schools should start shifting their focus towards personalizing education for each child.

#### 2. Integrate various subjects to provide a holistic view of the world

Subjects cannot be taught in isolation anymore. Schools need to move the focus to integrate subjects. For E.g. While teaching Charlie and the Chocolate Factory in English language children can be taught maths, business etc. Teachers need to get innovative with their teaching methods.

#### 3. Make education interactive

Teaching young brains is an art, children retain more when learning is fun and. A crucial element in learning is that children should not be told that their way of thinking is wrong, instead encourage them to build on insights in a positive way.

#### 4. Make full use of technology in lessons

Virtual Reality immerses the user in a virtual or imaginary environment. Immersive educational environments are already being used to provide learners with a life-like experience in subjects as diverse as history and chemistry. Thus, enhancing the virtual learning experience, right from learning Shakespeare or the French revolution in what our classrooms need. Other technology like mobile apps, tablets, and smart boards can be used more widely.

#### 5. Educating through games

Gamification in Learning is another technological advancement to look out for. Children learn various concepts with the help of games. Instead of traditional rote learning, using video games and incorporating other game elements in education can motivate students to understand better and do well in their exams. As opposed to the traditional classroom learning set up, gamification cuts down boredom and increases their attention span.

#### 6. Assessments being done remotely

With the advancements in technology, today remote classrooms and assessments is another space to explore. Students can sit in India and attend a class in a university or school in the United States.

#### 7. Scaling up quality through franchising

Quality education is the need of the hour. We need to take schools far and wide in the country or across borders to increase our literacy levels and Franchising is one alternative to achieve that. Private players are now stepping into this space to multiply opportunities for growth.

Parents, teachers and school administrators all have a common interest in seeing their children grow up to be successful. Only be aligning their efforts can schools make the changes to ensure that these kids do!

- Akhil Shahani Chairman Global Discovery Schools

#### What is the right pedagogy for schools in today's time?



One way to answer the question is by focusing on "what exactly has changed over the last 2 to 3 decades that defines today's time?"

Three decades back, if we bought complex equipment, the discipline taught to us was to locate the manual and go step by step. Today our children face an explosion of information and the human brain is fast getting trained to navigate life differently. They pick some random YouTube video and still make that equipment work and truly live a fast-paced trial & error life internalizing learnings from volumes of indulgences. A google search brings all sorts of things from the internet and they randomly click and navigate. They don't have to read any more; they judge the relevance and move fast, and so the word "surf".

This is not a small change - it is defining all aspects of their life, be it family, friends, jobs, bosses, behaviors, spending habits, addictions, right v/s wrongs, risk appetite, choice of cities, professions, values, relations. As they meet people, they surf personalities and chose who is my type, who i will keep in touch, all this happens at a lightning pace. They are fearless and most of them work by what they like, what feels nice, v/s what is right? There are no policemen asking them to slow down and define a framework of life. There is no time to have regrets and to access the impact of a choice, and so the word "Oops" ... which stands for, "that did not go well, but keep pacing, keep making choices, keep feeling .... "

So, this brings us back to the question, that if their brains are already trained to navigate the information age a certain way, then should we (a) try to break this pattern by untraining these minds (via well thought through instruction delivery, nature of projects, grading criteria, discipline, classroom culture, techniques of meditation/focus/ protecting them from the cycle of cravings and aversions), or (b) should we understand the workings of their brain, and present information or define project work and culture in a format that maximizes learning by teaching them the way they seem to learn/seem to live.

Perhaps the answer lies in, helping our young's be more self-aware about their mind and body functioning and the need to adapt to information age v/s perils of this way of living. By helping them be more self-aware of slow long term impact on their bodies & minds, and by giving them ability to break the pattern, not drift too far away, pull self together on failure, we can indeed equip them with seat belts, airbags, abs brakes, barrier sensors (Realize that today's cars drive much faster but then engineers have also taken steps to prevent fatalities). In other words, the answer lies in (b) with constant reinforcement of (a).



The pedagogists at GDA Labs have approved in their evolving pedagogy plansitems from (a) list i.e. deep understanding of core concepts/frameworks, meditation for students/teachers/parents, counseling / clinical psychology / early intervention in case of emotional traumas, social smartness etc

alongside

items from (b) list including new age technology are driven fast-paced projects, reality projects, experiential learning industry projects, real-life case based open-ended assignments with considerable flexibility for students to make choices.

On completion of new age assignments from (b) list, a disciplined time emphasizing on the lessons learned from (a) list provides the required training to the mind on the importance of frequent retreats to look at life from 40,000 feet away, and importance of always being self-aware. This is no different from always being aware of your speed or the risk as you pace your car in diverse terrains.

Meet a lot of people but pause to connect at a level of depth with a few time to time. Surf a lot of websites but when you stumble on something, read, read with a lot of focus and depth.

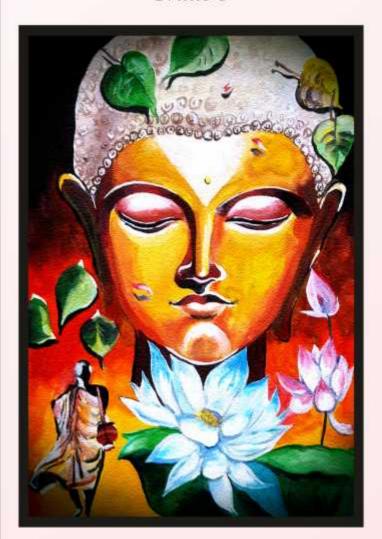
In either example, what catches your attention cannot be simply what feels nice & pleasurable. Hold a mature life framework close to your heart and make good decisions. Refine your understanding of self and life by frequent retreats, converting all success and regrets into a moment of pause and NOT celebrations and regrets.

- Pankaj Bindra MD Global Discovery Schools

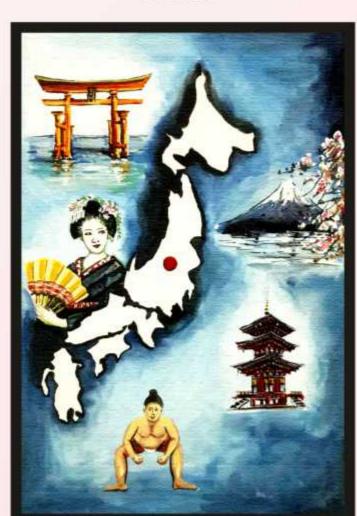
# " JAPAN ON CANVAS "

Global Discovery Schools Kainsara Odisha, four students have been selected for "Japan On Canvas" which will be showcased in an exhibition at Delhi.

GDS Kainsara Odisha Gurnoor Gulati Grade 9



GDS Kainsara Odisha Seema Naik Grade 9





GDS Kainsara Odisha Baishali Patel Grade 9



GDS Kainsara Odisha Om Krishna Naik Grade 4





# PARADIGM SHIFT IN EDUCATION



Education earlier was about system, content, and mastery; Now education is about the Learner, Process, and Skills. As of the latest studies reveal, the students of today's school will be employed in jobs yet to be discovered. This implies that there will be a shift in demand, from routine cognitive skills to the non-routine analytical skill and non-routine interpersonal skill set.

Things that were taught earlier are now easy to automate, outsource through digitization, thus rethinking the role of teachers.

The challenges thrown at schools by the digital revolution that most of the schools have overcome by turning it into opportunities. We have seen a shift in education, from individual learning to collaborative learning and from passive to active learning. Today's new age schools curriculum includes more research and project-based learning. Traditional teaching along with digitization and Co-curricular activities have made experiential learning a part of our holistic approach towards educating our children.

Education is a two-way process. First of all, it must bring out the uniqueness and creativity in each individual and then these potentialities to be tapped in the current process of learning from outside that is available in the current knowledge bank, thus contributing uniquely to the existing world. Seek first to understand and then to be understood. We need to understand the young kid mind first. Our teachers understand that every kid is capable of. Knowing the child's areas of interest, make sure the foundations are strong using the right chord and then the learning becomes inevitable. These young minds are trained to realize that learning is infinite and can happen anywhere and anytime. They then excel in any domain, sometimes they innovate their own specific domain. In the whole process, we have a wise and intelligent human being



### Happy Home Happy Child

More often than we like, we come across kids with so-called learning difficulties. The child is unable to focus, organize his/her work, has a problem in retaining what's being taught. In the past, these issues were simply dismissed both by parents and teachers as 'childhood naughtiness'. Today, studies show that these behavioral and learning challenges are in fact to a large extent caused by toxic stress in early childhood from physical or emotional trauma, neglect or abuse. Childhood abuse can result in long-lasting negative changes to the brain as a result of which a child invariably suffers from delayed speech, reading ability, and school readiness.

When primary caregivers make infants and children feel safe and nurtured, their developing brains are able to spend more time learning and building essential connections. When children feel unsafe or threatened, their brains shift into survival mode, making learning and self-control particularly difficult.

What we see is that as these children get labeled as "difficult" or having developmental disorders like ADHD (Attention Deficit and Hyperactivity Disorder), things get worse! They are often socially shunned and isolated instead of being shown greater understanding. As a result, these kids develop low self-esteem and as they grow up, some of them get into poor job success, alcohol and violence, poor relationship success and even poor parenting, perpetuating the cycle of intergenerational disadvantage for their own children!

But there is good news!

Studies have shown that several interventions can help reduce the impact of early childhood stress, trauma, and abuse. Neuroplasticity-based programs can restore the brain health of affected children (and even adults). Neuroplasticity is the ability of the human brain to grow new cells, to repair damaged cells, and to reorganize the function by which improvements in movement, memory, language, and cognitive functions occur. Brain HQ is a brain training program based on solid research on neuroplasticity and is available online at a minimal cost. Cogmed is another very good program but it is expensive. Studies show that if a child/adult sticks to the brain training long enough, he/she would build new neural pathways in the brain restoring the brain to normalcy.

There are other methods like EMDR (Eye Movement and Desensitization and Reprocessing), Cognitive Behavioral Therapy, parent-child therapy etc. to those who are open to psychotherapy.

Last but not least is mindful meditation, proven to improve brain functioning by reducing stress.

Now, it is up to us to recognize the problem and take responsibility and right action to recover from it!



It seems like last week this session began. Your hard work and enthusiasm have shown me that it certainly has been an incredible year. But there is one question that keeps juggling my mind time and again—Have I convinced you to settle for nothing but the best? Have I convinced you to advocate the opportunities that you deserve? Have I convinced you to look beyond your exams, accolades, and triumphs?

If I will be asked to teach you just that one thing, just that one, that holds more importance than any other subject, any other rule or principle, any other law, I would teach you to dream. And not just a dream, but to dream big, really big. Because, you know what, that is one area where I feel, most of us become very compromising because of the beliefs fed into us since we were children because we were always told, that it's safe to be here. Or maybe, we become generous, to leave the higher things in the world for other people. Or, maybe, we are just unaware, of the unlimited possibilities that are being offered to us, and unaware, that we have the full potential to achieve just anything in this world.

Do you have any idea what the dreams can do? Well, I will not give you the most common example that the man managed to reach the moon, though, that's the best one can think of. What's bigger than reaching the moon? Look around yourself. That fan right up there, hanging above your head, or that tube light dispelling darkness in your room, those skyscrapers on the cover of a magazine lying on your table, the lamp, the bed, the communication tower, the elevators, the escalators, that airplane, if you are lucky enough to spot one in the vast blue skies, and zillions of other things that you see around, they are all there because years and centuries ago, somebody had dreamt of them. So you see, anything can happen, and everything is possible. All you need is a dream, backed up with tonnes of beliefs, and courage to make it come true.

As the successors of the future, you will be here to see innovation and what this innovation would be like depends on you. So challenge yourself to take the risk. These lessons and risks will be the story of your life. Start believing that education can never be finished by flipping caps and raising bows. Education can never be completed or finished. Make it a life long experience.

Your examinations are just a tiny obstacle in your way. Crush them. And then, go on. If you want to be a doctor, you must dream of being the director of one of the best hospitals in our country; if you want to be a scientist, you must dream to be associated with the likes of ISRO and NASA; if you want to be a sportsperson, you must dream of being the world's number one. Whatever it takes, you are going to do it, because you know what, there is not a better moment in this universe than the feeling of living your dreams. Make yourself ready for it. Blossom as a beauty that stuns me. I am proud of you all.

Anupama Singh Rathore
Pedagogy Auditor
GDS Sevasi



#### GDS Sevasi, Jugnoo Dave, Grade 2A



#### A WAKE UP CALL

Our beautiful life is precious gift from god Don't waste it Let's all join our hands tightly together So that all pain fades away forever Live every moment of this ultimate birth Who knows about next seven births Go a bit crazy everyday Go a bit funny every day Breathe in the essence of love Breathe in the positivity of hope Have guts to prove your individuality Lets all set an example for the entire humanity Let's remove the barriers blocking our vision Of color, race and religion Look deep within... it's your best mate And you will meet your soul itself Kill all your useless anger, greed and ego And go on a joyride of happiness with a flow Come let's join our hands And change the world from darkness to enlightenment



# "है अंधकार यंहा पर"



है अंधकार यंहा पर
है जीवन में अंधकार के शमसान यहां पर,
कर रही हूँ इंतजार हो निराश हताश यहां पर।
जीवन की इस अवस्था से हूँ लाचार बीमार यहां पर,
कर रही संघर्ष और विलाप हो निराश यहां पर।
जीवन की कठिनाईयों से भरा है ये जहान यहां पर
पर पकते हुए घड़े के समान बनी मैं मजबूत यहां पर।
है अंधकार चारो ओर यहां पर,
परंतु हूँ मैं अटल अपने लक्ष्य को पाने की उम्मीद लगा कर।
है अंधकार यहां पर॥

-Karishma Singh



GDS Sevasi, Spandan, Grade 4



GDS Sevasi, Charishma, Grade

हिन्द के सिपाहियों बढ़े चलो बढ़े चलो, कठिनाइयों पर कर बढ़े चलो बढ़े चलो। हिन्द के तुम हो लाल, तुमसे है ये जग निहाल, बनो प्रखर बढ़े चलो, छूने शिखर बढ़े चलो, तुम अटूट हो सवाल, अब बनो महाकाल, अश्वमेध पर सवार, दैत्य पर करो प्रहार।

मंज़िल है पानी आज, कीमत चुकानी आज, राष्ट्र जिससे प्रेरित हो, लिखदो वो कहानी आज, खून जिससे खौल उठे, तन मन सब दिल उठे, बिगुल की आवाज़ सुनकर, बच्चा बच्चा बोल उठे, की आ गया वो वक़्त करदो खुदको राष्ट्र पर निसार, आज विजय घोष करदो, होके मृत्यु पर सवार, शतु की हिलेक रखदं, आज तुम जड़े चलो, हिन्द के सिपाहियों बढ़े चलो बढ़े चलो।

- Madhav Jonnavittula

#### "The Journey Continues"

am Ankita, I initiated my association with social work in Jan 2016 with a dream of selfless contribution to society. The sole motive behind the actions towards the society was to provide equal rights to every child in the world to grow and get a good education in life. I started this great work for self-satisfaction along with an NGO which works for the same motive and has the same inclination. My work is to educate underprivileged children who do not have the proper resources to afford proper education to improve their lives and grow as a contributory human being for society. The idea of empowering these children to make them independent and self-confident, motivated me to join the generous world of Social Work. The idea is to work for those children who live on the streets and struggle for two square meals



a day, making education an extended burden for them and thus, sacrificing it. After an extensive study of the issues associated with dropping from their studies, I realized that they could not reach to the places where education was provided, and it was the time when we reached to them to provide needed educational inputs. This entire idea of going door-to-door and teaching them opened my eyes and became my mission to educate as many kids as possible. I was awarded the position of "The Brand Ambassador" of the organization by the team because of my zeal to work for the social cause and the entire organization was amused by my confidence, politeness, and generosity by which I took up this work. After a successful association with the NGO for two Years, I realized that it was time to take this movement forward by indulging and interacting with more kids in other cities and other distant states. Slowly and gradually, when the work was noticed by a lot of people, many others wanted to join this noble cause and slowly we enrolled more and more people for this mission. Eventually, people started talking about it and the mission started getting a lot of media attention which in return helped the organization as well as the kids to become



independent and confident about what they do. Recently, I was even awarded the title of "The Best Example of Women Empowerment" by various media houses and the supportive public. Recently I started my own NGO 'Samvedna' (let's understand others) with the same aim and dedication. Now I have a team of 50 volunteers who have a similar dream for society. About Samvedna in the world, we have many people with a beautiful heart who are working continuously towards the well-being of our society. Among the group of beautiful hearted people, one man whom I used to see all the time and think that how one can help the needy people with such an extent. He was my father, I couldn't understand that till the time he was alive. In his remembrance, my mom and I started to continue the activities which were done by him. And that's how we came to know what pleasure

he was getting by helping the people. Afterward, we also decided to contribute to our society. If we want to make the world beautiful then we need people who can work for society. Having a feeling of goodness, I started my work from the year 2017. We first started with distributing biscuits to the underprivileged people, we celebrated many festivals with them, we took them for the feast, distributed blankets etc. After doing these activities I understood that I am alone not able to make difference in the society. I need people who can support each other and work on one path. So, with the help of many beautiful hearted people I was able to form my organization named SAMVEDNA. We are a group of volunteers working together. Volunteers are from different fields like teaching, engineering, Business, service, Professor, Motivational Speaker, Physician, computer engineer, Ph.D. Research scholar, etc. Thus, I would request everyone to come together, hold each other hands and work for this cause together, because, "TOGETHER WE CAN MAKE A DIFFERENCE".



Ankita Sharma
Primary Educator
GDS Sevasi



#### LET THE STUDENTS ASK QUESTIONS!

We as a country have excelled in lot of arena and progress reports are shared and circulated. Education sector is going through a paradigm shift and so are the classrooms. My question is to all the educationalist and educators, how do we ensure that the students ask question in the class and in general?. In today's era the educators as adults get defensive about the questions and do not encourage the questions from students in a classroom setup. Hello Educators! Its time to wake up. Your students are in digital age of knowledge overflow, on click of a finger their queries are resolved. I am not debating on can we replace search engines with educators. No we don't want that. When we went to our B.Ed classes we learnt about Blooms Taxonomy which focused on the 'ART OF ASKING

QUESTIONS'. We probe a lot of questions to students to test their knowledge, remembering and creativity. Why can't we allow the students to ask questions and resolve their doubts. It may happen the students in the modern era are judging you or your content depth. Let it be if you want your students to respect and love you encourage them to ask questions. No question is irrelevant if you answer it wisely. "One of the very important

characteristics of a student is to question.

Let the Students ask Questions." - APJ Abdul Kalam



#### PARENTING IN THE AGE OF SOCIAL MEDIA

ocial media has changed how we communicate, get the news and share content with others. In this new world where social media gives us our own soapbox with no boundaries, it has also affected our parenting. It has created a pause in our brains. In those parenting moments when we would celebrate the best moments of our kids, we now absentmindedly take a moment of pause to decide if it is a Facebook worthy moment. In that brief moment of pause, we are losing out on something very special. We miss that natural parent and child interaction where it's just two of you, no sharing or likes by anyone on the outside, Moreover, when you look at social media a vast majority of parents aren't sharing the good, the bad and the ugly. Social media is like the real-time scrapbook where you are making the conscious decision to not share your struggles or bad days. We share the glossier side of life and so does everyone else. That "everyone else" is doing better than "I am" mentality creates unnecessary stress. Believe it or not but quitting "Facebook" or "Instagram" would make people feel happier and spend quality time with their kids. Social media has turned parents into over-sharers. We pepper our timelines with photographs and updates, sometimes multiple times a day which could harm the safety of our children. "Sharing" ranges from inappropriate photographs to too many details that could even give away a child's location. When we post our kids pictures on social media we are also creating fame hungry kids. They gauge their own popularity on how many of our social media friends are clicking that like button. So, before you post any pictures of your child online, you should weigh the pros and cons. You may just take the picture as if you were the only one going to see it, not the world. You will have more fun and taking pictures will be easier for both of you. If you deleted all of your accounts and disappeared from social media tomorrow, would that make you any less successful at parenting? You don't have to go to that extreme if you don't want to but how social media is affecting us parents should also make us take a closer look at how we view its significance in our lives.

> Tavleen Chugh Coordinator GDS Malsian





Dear Soldier of the Indian Armed Forces,

First and foremost I shout out with my full heart "THANK YOU". Today I am writing to whom I believe work for the nation unconditionally. I also want to be one of you and serve the nation till my last breath. All our countrymen know the sacrifices you make so that people like me and my family sleep without any fear at night. You do not join your family at festivals and important days so that the whole nation enjoys those days. People think that a person is only successful when he/she becomes a doctor or an engineer but they think wrong according to me because they unknowingly are selfish but being a soldier no one can tell you that you are selfish because you devote your complete life being an INDIAN SOLDIER. I want to join the Indian air force and be one of the best servants India will ever get. Our Indian defence forces are ranked at the second rank in the world because of you people the country is a country because of three things according to me which are Government, it's people, its defence forces. And in my opinion, India has the complete support of its soldiers soon when I will join the defence forces I will be experiencing the proud and dedicated feeling which u feel every second of your service period. You in true terms are the HEROES of our mother India.

