

KRISHNA PUBLIC SCHOOL, DURG

# INSIGHT

SESSION -2024-25

"Inspiring Minds, Building Futures"







## **OUR OUTGOING STUDENT'S OF CLASS XII**



### KRISHNA PUBLIC SCHOOL, DURG SESSION-2024-25 CLASS - XII



## FROM THE DIRECTOR'S DESK



## Mr Mayank Sharma Director

"If a country is to be corruption free and become a nation of beautiful minds. I strongly feel there are three key societal members who can make a difference They are the father, the mother and the teacher"

APJ ABDUL KALAM.

We at Krishna Public School. Durg encourage every single child to absorb their environment and unleash their true potential. An independent child is a healthy child, and we do everything to make the classroom atmosphere conducive to this independence.

From the multilateral talents of our students, to the aesthetics of our infrastructure, our institute always pioneers in setting benchmarks for every school in the area. Our students. who are our brand ambassadors, excel and shine in their respective fields which is the real parameter of our success. We are a powerful and dedicated team of academicians trying our best to make your kids shine.

\*Education breeds confidence. Confidence breeds hope. Hope breeds peace" May we continuously empower our students to be confident, self-possessed young citizens who bring positive change to their communities and the world.

Warm Regards Director

## FROM THE PRINCIPAL'S DESK













## Mrs Iti Sharma Principal

If a plant is carefully nurtured by a gardener, it will flourish. Children are like those plants which need to be nurtured with care so that they can excel in their chosen fields

As an educator I firmly believe in the proactive role that an educational institution can play in the welfare of the society. I consider it an honour to be entrusted with the responsibility of this wonderful institution which is already moving on to the path of progressive and holistic approach to child care and development.

Character Building is the most important aspect for building a bright future for the future generations and it is equally important to focus on leadership training, self-governance, decision making, crisis management etc along with mastery of regular subjects at school.

Our endeavor at this School is to provide a platform where our students can take up opportunity and the challenge to do the things they are capable of and rise to their potential, on all fronts-curricular and co-curricular. The school is lucky to have an enthusiastic bunch of students and teachers who are eager to help them learn and grow.

I believe in the motto "Training For Life", where effective, meaningful and joyful learning takes place. It is here that we begin to learn our lessons of life to accept challenges, face competition, even to have the courage to fail and then stand up to move on to victory and triumph

Best wishes to all Principal







## ME& MOM DAY

"Me and Mom: Celebrating the Unbreakable Bond"

"A special day to cherish the love, laughter, and memories with the most important woman in your life"

In a world where life gets busy and time flies, it's easy to forget to appreciate the people who matter most.

That's why we're dedicating a special day to celebrate the unbreakable bond between you and your mom.

Whether you're a kid or a grown-up, this day is all about showering your mom with love, gratitude, and quality time.

We Planned a special recipe and it was cooked by <mark>mother & the child. It not created delious memories but also they shared the bond of doing only will you create delicious memories special together. Student's also created a phpto ablum , a paintind and a hand made card.</mark>

"Me and Mom" day was all about celebrating the love, laughter, and memories that the child shared with their mom. After all, moms are the best!



## FLN MELA





Our School hosted a vibrant FLN Mela to promote Foundational Literacy and Numeracy skills among students. The event aimed to create a fun-filled learning environment, fostering a love for reading, writing, and mathematics

The FLN Mela was a resounding success, providing students with a unique opportunity to engage in interactive learning activities. The school remains committed to fostering a strong foundation in literacy and numeracy skills, empowering students to excel in their academic pursuits.





Krishna Public School, Durg celebrated Janmashtami, the birth anniversary of Lord Krishna, with great fervor and enthusiasm.

The event showcased the rich cultural heritage of India and promoted unity, love and devotion among students

The school was adorned with colorful flowers, balloons and intricate rangoli designs. Students were dressed up as Krishna,

Radha and other mythological characters. Students performed mesmerizing dances, songs and skits depicting Lord Krishna's life.

The Principal Said

"Janmashtami teaches us valuable life lessons".

The Janmashtami celebration was a vibrant and memorable experience, fostering unity and spiritual growth among students...



## **GOOD TOUCH AND BAD TOUCH**



As part of our ongoing efforts to promote student safety and well-being, our school recently organized a workshop on "Good Touch and Bad Touch." This vital awareness program aimed to educate students about appropriate boundaries, contraint and healthy relationships.



# NAVRATRI & DUSSEHRA CELEBRATION



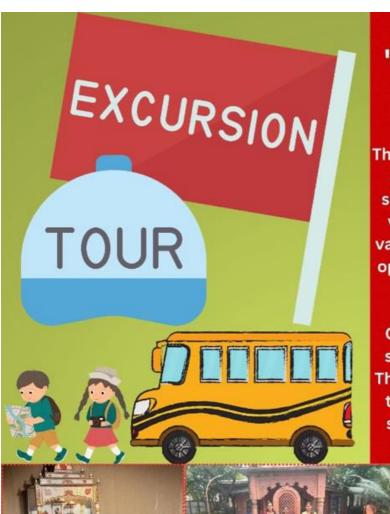
The school immersed itself in the vibrant spirit of Navratri, celebrating the divine feminine energy and the triumph of good over evil. The nine-day festivities brought together students, teachers and staff in a kaleidoscope of colors, music and tradition. The students were dressed up in vibrant ethnic outfits, showcasing regional diversity.

Students also performed captivating dances, skits and songs depicting the legend of Navratri.

The Navratri celebration was a resounding success, fostering unity, cultural awareness and joy among students and staff.







### "A Fun-Filled Visit to the Supermarket!"

The students of Pre Primary wing embarked on an exciting field trip to D Mart a renowned supermarket in our city. The objective of this visit was to educate the students about the various aspects of a supermarket, including its operations, management, and the importance of healthy eating.

Our school organized a visit to the temple, a sacred place of worship for the community. This excursion was a unique opportunity for us to learn about the rich cultural heritage and spiritual significance of this revered temple



## **GRADUATION DAY**

We had the honor of celebrating a special milestone on the graduation day of KG II students.

It was a heart warming and exciting event filled with laughter, proud moments and fond memories as little graduates took the The stage was filled with bright smiling faces as the young graduates were ready to be recognised for the hard work and accomplishments.



# FROSTY FIESTA

#### "FROSTY FIESTA": A Celebration of Music and Poetry"

The school's literary and music enthusiasts came together to celebrate the magic of "Rhythm and Rhyme" in a spectacular event for the students of Classes Nursery to II.

The occasion was marked by a mesmerizing blend of music, poetry, and dance, showcasing the talents of our students .

The event began with a series of soulful musical performances, featuring our school's choir and instrumentalists.

Our young poets took center stage, reciting their original compositions with confidence and passion. The poems explored themes of love, nature, and self-discovery, showcasing the students' creativity and depth

As part of our school's ongoing efforts to promote environmental awareness and sustainability, we organized a series of programs and activities to celebrate "our planet Earth" for Classes I & II



### WATERMELON

8

LEMONADE DAY

Our school celebrated Water and Lemonade Day with great enthusiasm and excitement. The event aimed to promote the importance of staying hydrated, especially during the summer months, and to encourage students to make healthy beverage choices.

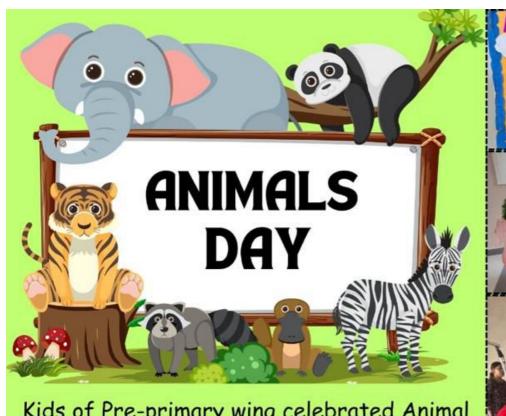
during the summer months, and to encourage students to make healthy beverage choices.

The objective of the event was to educate students about the benefits of drinking water and to promote the consumption of lemonade as a healthy alternative to sugary drink

The event was graced by the presence of Principal, Mrs Iti Sharma who appreciated the school's efforts in promoting healthy habits and sustainability practices.

The Water and Lemonade Day celebration was a huge success, with students, teachers, and parents coming together to promote healthy habits and sustainability practices. The event reinforced the importance of staying hydrated and making healthy beverage choices.





Kids of Pre-primary wing celebrated Animal Day. Children were dressed as different animals. Kids performed different activities about the animals. They spoke about the animal and enacted by making sound. They also recited rhymes related to animals. Overall, the celebration was a thrilling one.











# Independence Day



#### KRISHNA PUBLIC SCHOOL, DURG CELEBRATES INDEPENDENCE DAY WITH PATRIOTIC FERVOR

Krishna Public School, Durg is proud to announce its Independence Day celebration, commemorating the country's 78 years of freedom and sovereignty. The event took place in the school premises.

The celebration took place with immense patriotic fervour and zeal. A plethora of activities were organised to infuse the spirit of unity, brotherhood and patriotism among the students.

The program began with the Flag hoisting ceremony.

The students of the Primary wing presented soulful songs and dance to celebrate the day. The cultural celebrations included patriotic dance, music and skit by the students of Classes III to V

The students of Middle and higher wing showcased the history and significance of the day by a skit highlighting the importance of the day.

A beautiful dance signifying the diverse cultural heritage was also performed by the students of Classes VI to VIII The School Director, Mr Mayank Sharma said that

"We are thrilled to celebrate this momentous occasion with our students, teachers, and staff. This event is a testament to our school's commitment to fostering patriotism and national pride among our young minds."

The Principal Mrs Iti Sharma too inspired the students with her words of wisdom. The program was anchored by Deepshikha Chakraborty and Aashika Jain. The vote of thanks was proposed by head boy Pratham Pandey.







On September 5th, 2024 our school community came together to honor the pillars of knowledge, dedication,

and inspiration - our teachers. The Teachers' Day celebration was a heartfelt tribute to the selfless mentors who shape young minds.

Some of the highlights were: Students from various classes expressed gratitude through heartfelt speeches. Vibrant dances, songs, and skits showcased the talents of our students, entertaining the audience. Fun-filled games and competitions were organised by students of Grade XII.

The Teachers' Day celebration reinforced the significance of the teacherstudent bond. The students acknowledged the tireless efforts, patience, and





"Sparkling Diwali Celebrations at Krishna Public School, Durg"

Diwali, the festival of lights, was celebrated with great enthusiasm and fervor at KPS,DURG. The school was adorned with vibrant decorations, and students participated in various activities, spreading joy and warmth.





## Children's Day



## "CELEBRATING THE JOY OF CHILDHOOD: CHILDREN'S DAY AT KRISHNA PUBLIC SCHOOL, DURG

Children's Day, celebrated on 14th november is a special occasion to honor the birth anniversary of Pandit Jawaharlal Nehru, India's first Prime Minister. Our school marked this day with enthusiasm and excitement, organizing various events and activities.





**EXCURSION** 

શાનુસ્થાન





### "Royal Retreat: Our Jaipur Jaunt"

Our school recently embarked on an exhilarating excursion to Jaipur, Rajasthan, a city steeped in history, culture, and architectural grandeur. The trip was an unforgettable experience, leaving us with lifelong memories.

Center of attraction: 1. Visit to Amber Fort: Elephant ride and breathtaking views.

2. Exploration of City Palace: Intricate architecture and royal heritage.

3. Discovering Hawa Mahal: The Palace of Winds.

4. Shopping at Johni Bazaan: Vibrant colors and local handicrafts.

5. Cultural performance: Traditional Rajasthani music and dance.





Our school celebrated Election Day with great enthusiasm and excitement. The event aimed to educate students about the importance of voting and the democratic process Students participated in elections, where they voted for their favorite candidates. This activity helped them understand the voting process and its significance. The Election Day celebration was an eye-opening experience. They learnt about the power of voting and its impact on our country's future.



The Investiture Ceremony of Krishna Public School for the academic session 2024-2025 was held with great pomp and dignity in a special ceremony.

The event was presided over by Director Mr. Mayank Sharma and Principal Mrs Iti Sharma It was conducted with the high degree of earnestness and principal Mrs Iti Sharma The newly elected Student-Council members.

The ceremony.

The newly elected Student-Council members took the pledge to bestow their duties to the best of their

The elected Leaders were Head boy Pratham Pandey, Head girl Deepshikha Chakraborty ,Vice head boy Nauraiz Khan, Vice head girl Ananta Chandrakar, Junior Head boy Harshit Chandwani and Junior head girl Vaachi Belchandan,

Prefects and Vice Prefects of the four houses Narmada, Brahmaputra, Godavari and Jhelem, Sports Prefect and vice prefect as well as the Club Incharges.

The students were conferred with badges and sashes.

The students council took the pledge to uphold the pride and dignity of the School. The Principal congratulated them and said to uphold the values. She also appreciated and advised them to be role models.

The Programme was anchored by Ms. Nisha Menon. The function concluded with the National Anthem.





# RT EXHIBITION Art

## "Unveiling Creativity: Art and Craft Exhibition organised at Krishna Public School, Durg

BITION The students of Krishna Public School, Durg came together to celebrate the artistic talents at the Annual Art and Craft Exhibition held on Saturday,7th December 24.The exhibition showcased an impressive array of artwork and crafts created by our students from Grade III to XII

The exhibition was a culmination of weeks of hard work and dedication by our students, under the guidance of our talented art teachers. The displays were a testament to the creativity, imagination, and skill of our young artists.

Visitors to the exhibition were treated to a diverse range of artwork, including paintings, drawings, sculptures, and crafts. From vibrant abstract art to intricate creations, each piece was a unique reflection of the student's personality and style.

The Director Mr.Mayank Sharma and Principal Mrs Iti Sharma appreciated the efforts of children and said that it was heartening to see the sense of pride and accomplishment on the faces of our young artists as they explained their creations to visitors.





#### **ANNUAL EXHIBITION**

#### Prayog/Prayas" An innovative Exhibition " organised at Krishna Public School, Durg

A wonderful exhibition on Social, Science "Mathematicss, English , Hindi and Sanskrit subjects was organised at the Krishna Public School, Durg for Classes III to XII.

The exhibition offered opportunity to the students to showcase their creativity, innovation and scientific temperament.

The students showcased their talents by preparing brilliant, innovative working as well as static models in all these subjects. The students explained the models very well.

The Director Mr.Mayank Sharma and Principal Mrs Iti Sharma appreciated the students for their efforts, zeal and passion for knowledge.

Highlights of the exhibition were Chandrayan, piezoelectric generator, solar City, Thales Theorem , Magic Mathematical Board , Smoke absorber, Lifeline , Pythagoras Theorem and many more.

Some concepts of Partnership Firm , outsourcing and Accounting firm were wonderfully presented by the students of Class XII

The main aim was to encourage the budding talents of our students and give them an opportunity to present their innovative scientific ideas.

The exhibits included still models and working models.

Students participated whole heartedly and displayed working models that fringed upon the wide-ranging concepts in Science, Social and Mathematics and the latest advances in technology.

The exhibition also featured Podcast , Amazing facts, Tongue Twisters ,Stories and quizzes in English language which left the audience spell bound.

#### KUDOS TO THE STUDENTS FOR PUTTING UP SUCH A BRILLIANT SHOW!!





## ANNUAL SPORTS DAY

"Sports Day Splendor: A Showcase of Talent and Teamwork"

Our annual sports day was a resounding success, showcasing the athletic prowess and teamwork of our students.

The event was a celebration of physical fitness, sportsmanship, and school spirit.

- Record-breaking performances in the 100m dash and long jump events
  - Thrilling relay races that displayed exceptional teamwork
- Impressive displays of strength and agility in the shot put and javelin throw events
  - Exciting marches and drills by our school bands and contingents









#### "Bidding Adieu to Our Beloved batch "



Our school bid a fond farewell to the outgoing batch of Class XII th students. The atmosphere was filled with a mix of emotions – happiness, sadness, and nostalgia – as we gathered to celebrate the culmination of their school journey.

The farewell ceremony began with a ramp walk followed by a heartfelt welcome address by our Principal.

The students of Class XI had organized a series of entertaining performances, including songs, dances, and skits to honor their departing seniors.





Krishna Public School, Durg Celebrated 76th Republic Day with enthusiasm and Patriotism

The School celebrated Republic day with great enthusiasm and patriotic fervor. The event took place on the school premises, bringing together students, teachers, and staff for a memorable occasion.

The celebrations began with the flag hoisting ceremony by Director, Mr Mayank Sharma and Principal Mrs Iti Sharma followed by the national anthem.

Students from various classes showcased their talents through a variety of performances including cultural dances, speeches, and skits that highlighted the significance of Republic Day and the Constitution of India

The event also included an inspiring address by Director, Mr. Mayank Sharma who encouraged the students to actively contribute to the nation's progress by embodying the principles of democracy and social harmony.

The day ended with a vote of thanks who expressed gratitude to all those who contributed to making the Republic day successful.



## TEACHER'S TRAINING PROGRAME

#### Effective Teaching Pedagogy: A Teachers' Training Program

The School organized a comprehensive teachers' training program on effective teaching pedagogy. The program aimed to equip our educators with innovative and research-based teaching strategies to enhance learning outcome.

Ms Kanchan Sood was the facilitator of the program.





#### "Empowering Educators: Our Teachers Shine at Global Educators Fest"

Our school's commitment to excellence in education was showcased at the prestigious Global Educators Fest, held at Jaipur. The School Director and a team of our dedicated teachers participated in this esteemed event, which brought together educators from around the world to share best practices, innovative ideas, and cutting-edge research in education.

They had the opportunity to network with fellow educators, thought leaders, and industry experts, fostering meaningful connections and collaborations.



## SCHOOL ASSEMBLY

"Morning Melodies and Motivation: Our School Assembly"

Our school assembly is an integral part of our daily routine, setting the tone for a productive and inspiring day. Every morning, the entire school community gathers together to share thoughts, ideas, and experience.

The assembly provides a platform for students to showcase their talents, whether it's through music, dance, or public speaking. Our students have enthusiastically participated in various performances, including songs, skits, and poetry recitals.



Christmas, the season of joy, love, and giving, was celebrated with great enthusiasm and fervor at our school.

The students and staff came together to make this year's Christmas celebration a memorable one.

A special Christmas assembly was organized, which included a play, carol singing, and a thoughtful message

from our Principal. The students of the school choir sang beautiful Christmas carols, filling the air with joy and festivity. The highlight of the celebration was a surprise visit from Santa Claus, who distributed sweets to

the students. The excitement and joy on the faces of the students were a sight to behold.



"Did you know that cervical cancer is one of the leading causes of cancer deaths among women in India?

Krishna Public School, Durg conducted an informative and enlightening session on cervical cancer awareness, where expert speaker, Dr.Sangeeta Sinha shared valuable insights on Cervical Cancer and Women health and hygiene.

Let's come together to spread awareness and fight against cervical cancer!





"Welcoming Spring: Basant Panchami Celebrations"

Our school celebrated Basant Panchami, a festival that marks the beginning of spring and the arrival of the colorful season. The students and staff came together to soak in the festive spirit and welcome the new season.





## ACHIEVEMENT

CHAMPION#1

"Celebrating Excellence: Board Toppers Honored"
Our school recently felicitated its outstanding students
who topped the Board exams, showcasing their
exceptional academic prowess.

The ceremony was attended by teachers and students.

The board and academic toppers were awarded certificates, trophies, and cash prizes in recognition of their hard work and dedication.























#### **OUR SCHOOL TOPPER'S**

#### Students of Krishna Public School, Durg shine at CBSE Board Class X and XII Examination

A great achievement is usually born of great sacrifice, and is never the result of selfishness.

How true are these words!

We have witnessed this process over the past few years.

Krishna Public School, Durg is pleased and proud to share highlights from outstanding CBSE Board Examination results. Our students have earned a comprehensive range of excellent individual scores with a composite average that epitomise excellence and hard work.

The students showcased an outstanding execution of hardwork with laudable 100 percentage result in CBSE Board Examination

The 90% achievers group of the school has multi talented students who triumphed the board exams with an impressive 93.4% marks scored by Mahi Swarnkar of Class XII ( Maths stream ) and Janavi Dewangan of Class XII ( Commerce stream) who scored 91 percentage.

The school feels immensely proud of the students who have scored stupendous results in Class Xth Board Examination

Mukul Raj of class X scored a brilliant 96 percentage followed by Hrishi Jain scoring 92.4 percentage and Samarth Chaudhary scoring 91.6 percentage marks.

Samarth Choudhary and Hiya Harmukh bagged 100/100 in Sanskrit.

The school acknowledges every student for their commendable endeavours, and intense conviction to endure commendable results. Each and every student is declared successful in their attempt to perform phenomenally well in the Class. X and XII Board Results. The students of Krishna Public School have proved it true time and again by getting hold of one achievement after the other. The school acknowledges every student for their praiseworthy accomplishments, and extreme passion to score creditable marks. We extend our heartiest congratulations to the students, their families and teachers all of whom have contributed to this achievement.





Padma was lonely, trying to find peace in the world of darkness that filled her heart—curled up into a ball in the corner of her room. She wanted to cry out loud and pour all her drifting emotions to rest.

"Why me?" she whispered so only she could hear her voice. If anyone heard her in the orphanage, she would seem weaker than she already was.

Someone knocked on the door. "Padma, we have a surprise for you!"

No, they were here again. "No please go away!" she whispered to herself again.

Padma was ten years old when her parents died in a flight that crashed. She always questioned herself, why did she have to live? She was taken to an orphanage in London, not having any relatives in contact. How many years had it been? Five? Six? Or maybe seven.

Ever since Padma arrived at the orphanage, eyes scanned her from head to toe.

"What is a brown girl doing in our orphanage?" they said, too loud for me to hear.

"Why didn't they send her to where she belongs?"

"Yeah! The country where they wear those filthy rags. The same one she's wearing."

Padma was wearing her favourite Kurti, a blue one that her grandma had sewn for her before she left her family's side. The only thing that reminded her of the love her family gave to her.

Ever since that day, the most dreadful moments of her life had begun. Oh, how Padma wanted to leave this country for good and go back to India.

Every other stare from those whites sent shivers down her spine.

"Hey, Padma, open up!" one of the whites yelled through the door. "Open, up or we'll break in." Padma could imagine all their smirks. They wanted to make her feel suppressed and she couldn't do a thing.

"Kids, scram!" It was the Matron. What did she need from her? "Padma, open the door, you've got guests."

Padma wiped a few tears that were about to come out and stood up. She made her way towards the door and opened it. She saw the Matron with her usual spectacles and two other white people. A man and a woman. They smiled widely when they looked at Padma.

"She's perfect!" the woman looked at the man with glistening eyes. The man nodded with a smile.

"We'll take her thank you," the man said to the Matron.

"Very well, come with me. There are some documents you must sign." The Matron guided the couple through the corridor. The woman looked back at Padma and smiled at her again.

I arrived at the white couple's house the next day. The trip to their house was a long one and Padma felt her neck sore from looking out the window

The man, who said his name was Trevor, opened the locked door and stepped in. The woman, Ashley, gestured to Padma to come in.
"Welcome to your new home Padma, we are very glad to have you!" Ashley said. A new home? Padma didn't know if she could get used to that. She

missed her home back in India. All those trees surrounding her house, the birds, yes, she missed them too.

Ashley led Padma to a room. The walls were painted in blue and the bed looked comfy. "I know what you've gone through Padma, and I know it'll be

difficult for you to adjust. But just know, if you need to talk or if you need anything, I am always here." Ashley's words made me feel safe like it was finally a moment where I could smile.

"Thank you," I said.

Two months had gone by and it was that time of the year Padma remembered the most. Diwali. The festival where her family and her friends used to enjoy together like there was no tomorrow. How long had it been since she had that much fun?

Padma spent her day at home to re-live those memories, in her mind at least. And to take a break from the school her foster parents had enrolled her

She didn't realise how much time had flown and it was already evening. Then she smelled something. Something sweet. She knew what it was. So many years went by but she could recognise what smelled like this anywhere.

Padma ran down the stairs where she saw Ashley in her apron cooking that particular sweet dish which made Padma's heart flutter with excitement. "You're here, Padma!" Ashley turned towards me taken aback, "Thought I'd surprise you, but now it's blown." She laughed awkwardly.

"You cooked Gujia for me?" Padma asked, still shocked.
"Well, since it's Diwali, I thought of making something that you eat in India. I searched for the dishes cooked at this festival and tried to follow the

recipe. I don't know if it's good or not."

Padma couldn't control her emotions anymore. Someone cared for her in this cruel world! She ran over to Ashley and hugged her tight. "Thank you!

Thank you so much!" Padma let the tears flow now. All of it as Ashley stroked her hair.

Padma pulled back and wiped her tears. She saw something glow out in the courtyard. She ran outside as Ashley followed her. Trevor was lighting Diyas. Nostalgia hit her like a wave of happiness. She remembered the time her father used to light the Diyas in India.

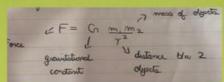
Trevor looked at Padma and smiled, "We've got firecrackers too," he said.

Tears started to pour again as Padma found the people who loved her for her. People who didn't look down on her culture. In fact, it was culture that unified them.

Padma wiped her tears. "Thank you, Mom and Dad, thank you for loving me, thank you for accepting me the way I am, thank you," she said as the warmth of the tiny lamps lightened the darkness of her heart.

#### SCHWARE LOCHER(Black Holes)

Something very strange happens when you follow Einstein's field equations and his math. In the 17th century when Isaac Newton released his work and paper on gravity, the entire physics throughout the world was revolutionized but Newton himself problem with his own gravitational equation.

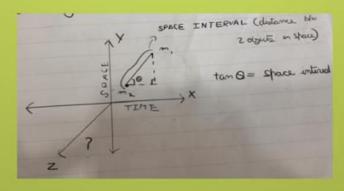


This equation stated every object with mass attract every other object in the universe. The loophole Newton found was how objects like stars and Earth, atom and sun attract each other at such vast distances. 200 years later Albert Einstein found the solution to the problem of Newtonian Gravity. Einstein, stated that bodies do not directly exert forces on each other rather they went the space time around it so that the masses in the vicinity gets affected by the local curvature.



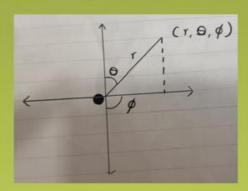
To put these into simpler words think of large mass 'M' as our Sun bending the space-time curvature around it and imagine that small mass 'm' is our Earth revolving around our Sun due to the affected space time. The reason why Earth don't collide with Sun is due to the centripetal force which make it attain just the enough velocity to escape its gravitational force.

After solving the biggest problem in Italian gravity he faced one another problem in his equations and solutions i.e. Einstein figured out the solution was in a 2D graph where there were only 2 dimensions (SPACE, TIME) but in practical application and circumstances there are 3 dimensions so the equations and the solution should take the geometry in account.



Einstein then released his paper work during 1st world war, his paper travelled throughout the world and finally reaching Karl Schwarzchild on the eastern front of Europe. He was the greatest astrophysicist at that time. He followed Einstein's paper and look at the problem Einstein proposed and came up with a solution.

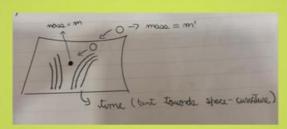
Imagine a Flat space- time curvature with a single point mass 'm' which is not rotating ,
electrically neutral and static.



He measured all the coordinates, scenarios and write an equation, today which we known as Schwarzchild Metric.

The interesting thing about this equation is that it take the geometry that Einstein proposed and take time as the 3rd dimension and space and the curvature created as the 1st and 2nd.

It explains that another mass 'm' donot gets affected by the bent space-time by mass 'm' but when it comes closer, it's time becomes lower and slower (hence bending)



Soon, enough people all round the world noticed one another problem with this equation (Schwarzchild Metric)

$$ds^{2} = -\left(1 - \frac{R_{S}}{r}\right)dt^{2} + \left(\frac{1}{1 - \frac{R_{S}}{r}}\right)dr^{2} + r^{2}dd2^{2}$$
when, make = m is at its central position,

The corner  $O(r=0)$ 

$$1 - \frac{R_{S}}{r} \Rightarrow 1 - \frac{R_{S}}{r} \rightarrow \infty \text{ [SINGULARITY]}$$

And, at a special distance of mass 'm' in an elliptical order that is the radius of mass 'm' which is also known as Schwarzchild's radius where, another term of Schwarzchild Metric pops up.

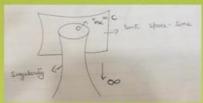
$$dz^{2} = -\left(1 - \frac{Rs}{r}\right)dt^{2} + \left(\frac{1}{1 - \frac{Rs}{r}}\right)dr^{2} + r^{2}d\Omega^{2}$$
Here,
$$r = R_{s}$$

Therefore,
$$\left(\frac{1}{1-\frac{R_{s}}{R_{s}}}\right) = \left(\frac{1}{1-1}\right) = \left(\frac{1}{0}\right)$$

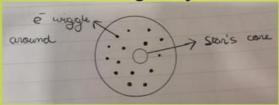
$$\frac{1}{0} \rightarrow \infty \quad \left[\text{SINGULARITY}\right]$$



Another singularity pops up, which to put into simpler words can be described as an Celestial body so dense and heavy bending space-time till infinity and also having a gravitational pull so strong that it escapes velocity in the speed of light.



There was tension amongst the astronomers, physicist astrophysicists about how a body could potentially behave like this. Astronomers of that time were studying what happens at the death of the stars. Usually the gravity tries to push down the star's energy to its core but radiation due to nuclear fusion balances the force out, Eventually the stars run out of fuel and gravity dominate forcing all the matter of the star into its core. This starts exiting fermions such as electrons to wiggle around which creates an outward pressure which prevents it from completely collapsing but making it very dense.



But only till speed of light, this means only stars or certain masses can sustain this type electron degenerancy pressure and stars with more than 14 solar mass (Chandrashekhar's limit) will become a black hole or a Newton's star.

The theory of stars collapsing into a neutron star with a solar mass of 1.4 to 5 was proposed by Robert J. Oppenheimer .He said that a star first becomes a Newton star and if that body crosses another limit called Oppenheimer - Volkoff limit will then collapse into a black hole. Oppenheimer predicted that inside Schwarzchild's radius time freezes to an outside observer, but actually photon couldn't travel outside the radius because of the gravity of Black hole, and if any photons even manage to escape out they are so red-shifted invisible to a naked eye .Einstein tried prove that black holes cannot exist and Oppenheimer wrong, but later on Oppenheimer in his paper " On continued gravitational contraction" he proved existence of Black hole using Einstein's general relativity and field Equations.

#### **SUMMARY**

Black holes are extremely dense and wrap the fabric of Space- Time. A region with a gravitational pull so strong even light cannot escape it. Scientists argued such celestial body can't exist but it was finally proven by the event horizon telescope captured an image of it in April 11 2017.

### Paranormal world - a mystery

Paranormal by definition refers to phenomena that exist beyond the scope of normal scientific understanding, from ghostly encounters to psychic abilities and unexplained occurrences it is a journey for those who has a desire to solve mysteries and learn more about the old urban legends

Many people who say they saw a ghost and then some say there is no ghost in the world ,well in my opinion spirits or entities can be more appropriate for the word 'ghost'. Entities are of two types one who are still roaming here and there and one who came down on some specific days. Haunted dolls the ones that still scares me to this day. We all have heard that Annabelle the doll is a true story and it actually is, Annabelle is in the museum of paranormal centre the doll was founded by the warrens all though the doll dosent look exactly like the one in the movie the doll it has bright red hair and a small triangle nose.

At the end, to the believers or the non-believers don't be scared paranormal world is nothing but a world of exciting mysteries.



Harshita Menon IX B

#### THE OLD PEASENT

The old peasent Beneath the sun's scorching blaze.

Yet misty dawn's untimely haze.

The old man sows seeds slowly.

Doing the great work often rising' to glory.

With Earth-stained clothes and weathered skin.

He nurtures the world through thick and thin.

In rain and drought, in breeze and fire.

He works with the still, targeted desire.

With patience sown like woven threads,
He plants life,he plants the bread.
The harvest brought by rough and care.
A bounty made for all to share.

For in his soil, the world finds grace .

A symbiotic kind, a sacred place.

Where bread is born and robustness is sown .

The old man stands, the earth his own.

Samrat Singh Rathore
IX B

#### Chauvinistic - A character trait

Chauvinistic is a character trait where a person displays excessive and biased patriotism. Often resulting prejudiced and discriminatory attitude towards individuals from other cultures, gender or beliefs. A chauvinistic character tends to believe in the superiority of their own group and may show hostility or disrespect towards those who do not fit their narrow definition of what is acceptable. This trait is often seen as negative and can create tension and conflict in relationships and interactions with others. In the patriarchy country like India where men controls access to power, there is also chauvinism of caste gender and language and nation. The solution this chauvinisms are - Addressing chauvinism requires a multifaceted approach that includes education and awareness to promote gender equality from an early age, encouraging open dialogue to challenge stereotypes, and highlighting positive role models who exemplify inclusivity. Advocating for policies that ensure equal rights in workplaces, fostering support networks for those affected, and promoting accountability for chauvinistic behaviors are crucial steps. Additionally, supporting diverse media representation can help shift societal norms. By combining these strategies, we can work towards creating a more equitable and respectful society for all. conclusion, overcoming chauvinism is essential for fostering a more equitable and inclusive society. By prioritizing education, promoting open dialogue, and advocating for policy changes, we can challenge harmful stereotypes and create a culture of respect. Supporting diverse representation and holding individuals accountable for their actions will further advance this mission. Ultimately, dismantling chauvinistic attitudes not only benefits marginalized groups but enriches our communities as a whole, paving the way for a future built on mutual understanding and equality

> BY-TEJAS SONI CLASS-IX B





#### "Transforming Setbacks into Stepping Stones"

As a former Vice Prefect, candidate for Head Boy, and passionate athlete, I've learned that leadership extends far beyond titles. My journey has taught me invaluable lessons about resilience, perseverance, and community. When I first started connecting with my peers, I wasn't as fluent as I wanted to be. However, through determination and hard work, I transformed into a confident individual, mastering the art of socialization. I joined clubs, participated in events, and engaged with diverse groups, fostering meaningful relationships and becoming adept at navigating complex social dynamics. In the first election, I was honored to become the Vice Prefect, developing essential skills in teamwork, communication, and problem-solving. Although I didn't become the Head Boy in the subsequent election. I used the setback to grow. learn from mistakes, and focus on strengths. This experience showed me leadership's true value lies in positively impacting others. As an athlete, I've cultivated discipline and teamwork, physical and mental endurance, time management and prioritization, and collaboration and sportsmanship. These experiences have shaped me into a well-rounded individual, capable of inspiring and empowering my peers. Through my journey, I've come to realize that leadership is not just about achieving success, but about growing and developing others. As Ralph Nader once said, "The function of leadership is to produce more leaders, not more followers". This resonates with me, as I strive to empower others to become leaders in their own right. Effective leadership is also about embracing challenges and finding opportunities for growth. As John F. Kennedy emphasized, "Leadership and learning are indispensable to each other". By continuously learning and adapting, leaders can navigate complex situations and inspire others to do the same. Ultimately, leadership is about making a positive impact and leaving a lasting legacy. As Ken Blanchard aptly put it, "The greatest leaders mobilize others by coalescing people around a shared vision". By sharing my story, I hope to inspire others to embark on their own leadership journey and make a meaningful difference in their communities.



Even though my grades may not
Always be as you expect
But I assure you that having you as
My teacher makes me truly blessed....
Because of you I can see that my future is
Bright,

Above all, you taught me to shine forth my light.....

When you see me growing up,
You always teach me how to stand up ......
I am forever grateful to you for,
Helping me in the classroom and outside
too ....

Kamil V C





#### **NEVER GIVE UP**

If I make a mistake,
Than I would have to retake
And do it once again
Even feel the pain.
But there also lays a prize,
And that made me realize that
Even if I was to fail.
It would be a learning trail.
If I hope for medals and cup.
I can't just rely on luck.
I must do hard work.
To show the world my worth.
That's the essence of never giving up!

Aaryan Pandey ClasS - V C

#### Cleanliness

Clean your school and city,
Be united and pledge,
To clean each corner and edge.
Enhance the school's beauty;
Dispose garbage wisely,
And set example for the next generation.
Dispose the waste at proper place;
Adopt the '3 Rs' - Reduce, Reuse, Recycle
To do away with the garbage.

/cle

Vanshika Sahu Class – V C



#### **SCHOOL CAN BE FUN**

School can be fun if you want it to be.

So much more interesting for you and me.

Hindi, English, Maths, EVS, so much to learn from,

It keeps us engrossed all day.

Why should we be bored? There is a lot know

Very interesting things to learn about, so let's go!

Think of those who can't go to school.

They are many in number, not very few.

So all the benefits of learning, we should share,

As through each stage of life,

School can be fun it you want it to be,

So much more interesting for you and me.

Aarna Dhruv Class III C

#### **MY SCHOOL MY PRIDE**

My school ..... My pride.....! Where we had a wonderful school ride...!! We read, we write And make our future bright ...!! We learn to Respect....! Not to neglect....!! We learn to accept ..... Not to expect..... We laugh, we cry We play, we study With our best buddy...!! Respect elders, obey parents Become sincere and punctual Is the habit we learn..... And that is why we call ..... "My School, My Pride".

Aradhya Agrawal
Class – IV A





Change Your words Change your mindset

I'm not good at this

What am I missing



I'm Awesome at this

I'm on the right track

This is too hard

This may take some time and Effort



I can't make this any better

I can always improve I'll Keep trying

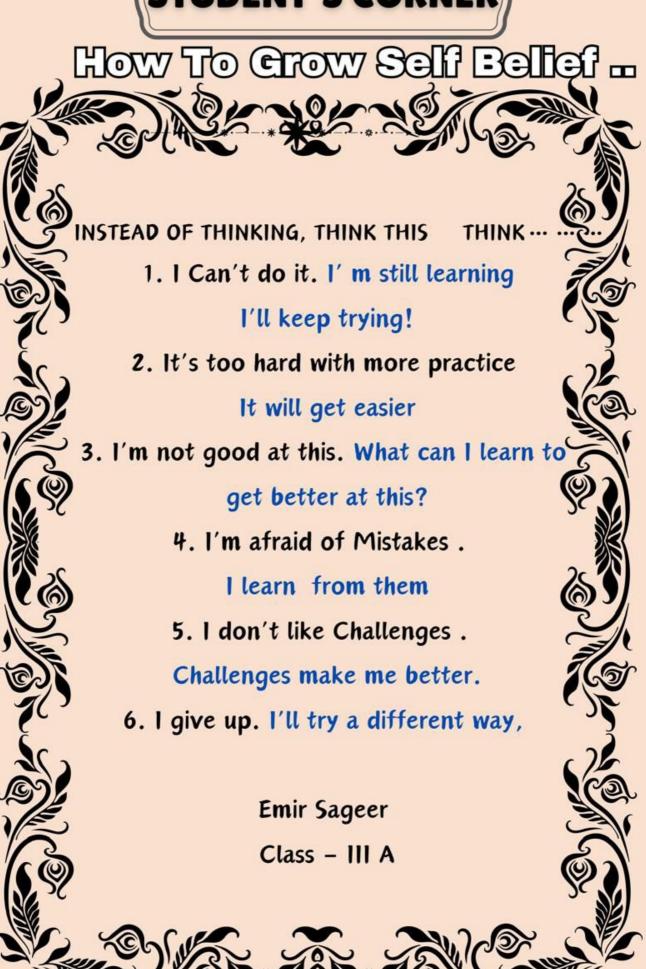
I give up

I' ll use Some Of the strategies I' ve learned



Aarvika Sahu III C I can't do Maths

I'm going to train my brain in Maths



# nec nulla augue, t at, leo. Pell tuer sit amet, nton Proin f dictumst. Su ng est laci l, temps, Nunc liber

## Student's Corner

#### "A journey through the Pages"

In the quiet of a classroom Bright

Where dreams take flights
And thought ignite,
The pages turn , the words unfold
A story of young hearts, Brave and Bold
The ink, like rivers, flows with grace, each
Letter finds its special place.

From wished thoughts to loud ideas,
The power of words, it conquers fears

A book is more than paper bound. It's where new words are to be found

With every chapter, lesson, learned, In every page
A truth discerned

So let us write, let us explore. The wonders waiting to implore, In every word, a spark of light, guiding us through day and night.

For in this world, we all can be, the author of our destiny. with each new word, with every rhyme.

We write our story one step at a time
We all can be

The author of our destiny

With each new word, with every rhyme

We write our story, one step at a time

Ti ipsum We que sodate. er quis. In die. isus ultricies to

By- Aatifa Usmani Class – VII B ag on he are set ultricies integer are feugiat vivanus at. Quisque egesta eursus. Sagittis nist rhoncus mattis rhoncus celementum curabitur vitae nunc sed velit. Sit adipiscing etit pellentesque habitant morbi tradipiscing etit pellentesque nec'han ut pharetra sit amet aliquam id. Massa enn mattis enim ut tellus elementum. Dapibus u





#### 21st century, Social Skills

In the 21st century, social skills are crucial for personal and professional success. Here are some key social skills for the 21st century:

- 1. \*Effective Communication\*: Clear, concise, and respectful communication is essential.
- 2. \*Collaboration and Teamwork\*: Ability to work with diverse teams, build strong relationships, and contribute to shared goals.
- 3. \*Emotional Intelligence\*: Self-awareness, empathy, and social skills to navigate complex social situations.
- 4. \*Adaptability and Flexibility\*: Ability to adjust to changing circumstances, priorities, and technologies.
- 5. \*Conflict Resolution\*: Skills to manage and resolve conflicts in a constructive and respectful manner.
- 6. \*Cultural Competence\*: Understanding and appreciation of diverse cultures, values, and beliefs.
- 7. \*Digital Literacy\*: Ability to effectively communicate and collaborate in online environments.
- 8. \*Active Listening\*: Attentive listening to understand perspectives, needs, and concerns.
- \*Empathy and Compassion\*: Ability to understand and share feelings, and show kindness and concern.
- 10. \*Resilience and Stress Management\*: Ability to cope with challenges, setbacks, and stress.

These social skills are valuable in both personal and professional contexts, and can help individuals build strong relationships, achieve their goals, and thrive in an increasingly complex and interconnected world.

Source: Internet

By Sonali Thakur Social Teacher KPS,Durg





## "The best is yet to come. Keep shining, keep striving, and keep reaching for the stars!"



# UNLOCK Your Child's POTENTIAL





### **ADMISSIONS OPEN**

for classes Nursery to IX & XI

Session 2025-26