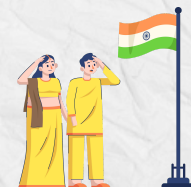


**Ask not what your country can do for you,
Ask what you can do for your country.**

Independence Day



**United we stand
United we celebrate**





Friendship Day



Friends are the family we choose for ourselves

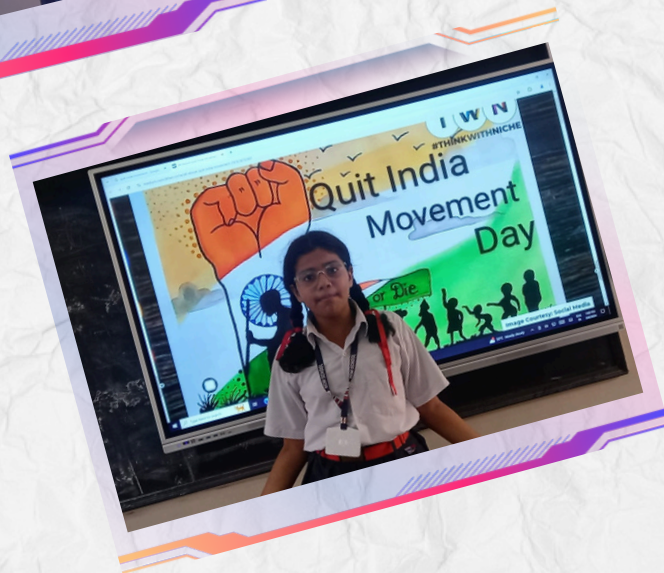
*Food Parade
at BCM
Kindergarten*



A fruit filled celebration of
learning and fun!



Quit India Movement Day



BCMties celebrating the courage and resilience of the national heroes





Teej Celebration



**Embracing the spirit of Teej with love, laughter
and swing**





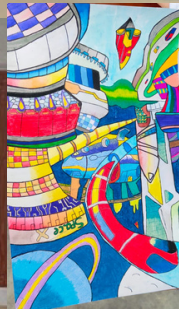
Book Lovers Day



**Book lovers get united to celebrate
the joy of reading**



No Bag Day Under NEP 2020 with Collaborative SDG- Themed Activity



Endeavour

Inspiration to Aspiration: A Journey to Success

Jasleen Kaur, an alumna of 2022-2023, conducted a mentorship session 'Flight Path' at BCM Dugri for Class XII students. She shared her inspiring journey to enlighten them about Aerospace Engineering and emphasized the importance of having a clear aim in life and determination to achieve it. Additionally, she acquainted them with the admission criteria for top universities. Jasleen guided her juniors that Aerospace Engineering is a challenging field, but with passion and perseverance, one can achieve greatness. Overall, the session was an enriching experience for the students, who gained valuable insights into the world of Aerospace Engineering.



रोचक तथ्य

- * विश्व की सबसे ऊँची मूर्ति भारत के प्रथम गृहमंत्री सरदार वल्लभ भाई पटेल जी की है, जो कि भारत के गुजरात राज्य में स्थित है। इसे स्टेचू ऑफ़ यूनिटी कहा जाता है। इस मूर्ति की ऊँचाई 182 मीटर है।
- * आसमान से गिरने वाली बिजली सूरज से 5 गुना ज्यादा गर्म होती है।
- * शनि शिंगणापुर को विश्व स्तर पर एकमात्र गाँव के रूप में जाना जाता है जहाँ घरों में दरवाज़े और ताले नहीं लगाए जाते हैं और सबसे दिलचस्प बात तो यह है कि इस गाँव में चोरी भी नहीं होती है।
- * जम्मू-कश्मीर के दो हिस्सों को जोड़ता चिनाब ब्रिज दुनिया का सबसे ऊँचा रेलवे पुल है।
- * लोनार झील महाराष्ट्र के बुलढाणा जिले में स्थित एक खारे पानी की झील है। इसका निर्माण एक उल्का पिंड के पृथ्वी से टकराने के कारण हुआ था।



Parents' Corner

Global warming

The world is grappling with the pressing issue of global warming, which is causing the Earth's atmosphere to heat up due to rising levels of carbon dioxide and other greenhouse gases. The consequences of global warming are far-reaching, including the gradual melting of glaciers, leading to rising sea levels.

Researchers, engineers, and environmentalists are sounding the alarm about the drastic changes in the planet's climate. The continuous use of fossil fuels for electricity generation is a significant contributor to global warming, releasing harmful gases like carbon dioxide, methane and nitrous oxides into the atmosphere. Deforestation is another culprit, leading to warmer temperatures.

Despite the severity of the issue, many people remain unaware of the dangers of global warming and its devastating effects on the environment. It is essential to recognize that global warming is not a future problem, but a present reality, with withering effects already being felt. If left unchecked, it will severely impact ecosystems and disrupt ecological balance.

To mitigate the hazardous effects of global warming, alternative energy sources like solar, wind, hydro, geothermal and biomass must be explored and adopted. Transitioning to renewable energy sources is a crucial step in combating global warming effectively. Above all, alternative energy sources (solar, wind, hydro, geothermal, bio mass) need to be seriously pursued. Finding and using renewable sources of energy is one of the methods to combat the ever increasing global warming effectively.

**BALJINDER KAUR
M/o VANI WALIA
IV ROSE**



Teachers' Corner

Mathematics: More Than Just Numbers

Mathematics, often regarded as the language of the universe, is a fundamental discipline that permeates every aspect of our lives. From the intricate patterns in nature to the advanced technology that shapes our modern world, mathematics is the foundation of understanding, problem-solving, and innovation. Its beauty lies not only in its intrinsic elegance but also in its far-reaching applications and impact on society.

As we navigate the complexities of the 21st century, a solid foundation in mathematics remains a key asset, empowering individuals to unravel the mysteries of the universe and contribute to the ongoing exploration of the mathematical landscape.

Mathematics is a universal language that transcends cultural and linguistic barriers, providing a common ground for scientists, engineers and researchers worldwide to communicate and collaborate. The consistency and clarity of mathematical notation enable ideas to be expressed with precision, ensuring that mathematical concepts are universally understood and applicable.

Beyond its role in academic and professional domains, mathematics is an integral part of our everyday lives. From managing personal finances to measuring ingredients for a recipe, mathematical concepts are woven into the fabric of our daily routines. The ability to think mathematically enhances problem-solving skills and empowers individuals to make informed decisions in various aspects of life

Ms. Garima Goyal
TGT Maths





Students' Achievements



Determination, Initiative and Persistence are the foundation of success.



Ishan Grover, a student of III Aster, achieved a remarkable feat by winning *two Bronze Medals* in *Kumite and Kata* at the Punjab State Karate Championship, held in Mohali . The championship was organized by AKFP (All Karate Federation of Punjab).



Divyanshi's dancing prowess earned her the First Runner Up Trophy in two esteemed Competitions: 'Kala Ke HunarBaaz' in Amritsar and 'AOD Solo Dance Championship' in Ludhiana.

Zonal Level

Event	Participants	Position
Chess	(Under-19 Boys) Yuvraj, Tanish, Aakash, Dhruv	II
Chess	(Under-19 Girls) Samridhi, Pranjal, Saanvi, Gurtej	II



Inter BCM Level



Event	Participants	Position
Chess	(Under-17 Boys) Jasdeep Singh, Divyansh, Agam Maini, Sudhanshu, Dhruv	I

District Qualifiers

Event	Participants	Position
Table Tennis	(Under-17 Boys) Shivansh and Manroop(VIII Aster), Harnoor (X Tulip) have been selected for District Level Competition	I
Karate	(Under-17 Boys) Piyush Sharma	I
Karate	(Under-19 Boys) Samrveer Hunardeep and Ujjawal	
Karate	(Under-14 Boys) Rhythm (VII Rose), Samarth (VIII Marigold), Sachleen (VII Daisy)	III



Students' Achievements

OLYMPIC GAMES

The Olympic Games are an important international event featuring summer and winter sports. The Olympic Games are an athletic festival that originated in ancient Greece. The first modern Olympic Games were held in 1896 in Athens, Greece. These games are held every four years. The Olympic symbol consists of five interlocking rings, colored blue, black, red, yellow, and green. These five rings represent the five continents of the world.

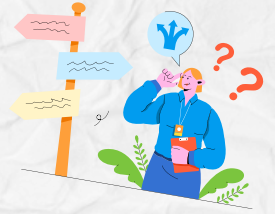
The first Asian city to host the Olympic Games was Tokyo. Michael Phelps (USA) won eight gold medals, every event he entered, and broke world records in seven of them. His record looks unlikely to be surpassed anytime soon.

India has won 38 Olympic medals since the 1900 edition, starting with a two-medal haul on its debut. India returned with its best-ever haul of seven medals, including one gold, from Tokyo 2020 and looks to better its count at Paris 2024. So far, India has won three medals, all bronze, at the Paris 2024 Olympics, all from shooting events. The winners are Manu Bhaker, Sarabjot Singh, and Swapnil Kusale. India is set to host the Olympics in 2032.

Pranjal
IV Jasmine



Career Insight



A Career in Radiology

Radiology is a rewarding career for individuals passionate about analyzing medical images and providing insights to aid in patient diagnosis and treatment. As a licensed medical specialist, a radiologist interprets imaging studies such as X-rays, ultrasounds, CT scans and MRIs to detect and diagnose health conditions.

To become a radiologist, one must complete extensive education, training and gain experience. A strong academic foundation is essential, starting with excelling in 10th and 12th grades, particularly in Physics, Chemistry, Biology, and English, with a minimum score of 50% in 12th grade. This prepares students for the NEET-UG examination and a subsequent MBBS degree or Bachelor's and master's programs in medical radiography, imaging techniques, and radiology therapy.

Career Opportunities in Radiology

Upon completing a degree in Radiology, various career paths become available, including:

- Radiologist (MD)
- Radiology Technologists/Radiographers
- Ultrasound Technician/Diagnostic Medical Sonographer
- MRI Technician
- CT Tech/CAT Scan Technologist

These roles offer a range of opportunities for professionals in the field of radiology to make a meaningful impact on patient care and diagnosis.





Exploration

ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ 'ਚ ਸਾਉਣ ਦਾ ਮਹੀਨਾ

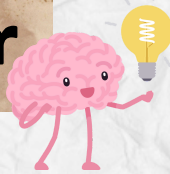
ਪੰਜਾਬੀ ਲੋਕ ਜੀਵਨਸ਼ੈਲੀ ਵਿੱਚ ਹਰ ਰੁੱਤ ਅਤੇ ਮਹੀਨੇ ਦਾ ਆਪੇ-ਆਪਣਾ ਮਹੱਤਵ ਹੈ, ਪਰੰਤੂ ਸਾਉਣ ਦਾ ਮਹੀਨਾ ਪੰਜਾਬੀਆਂ ਦਾ ਹਰਮਨ ਪਿਆਰਾ ਮਹੀਨਾ ਹੈ। ਸਾਉਣ ਦਾ ਮਹੀਨਾ ਖੁਸ਼ੀਆਂ, ਚਾਵਾਂ, ਮੇਲਿਆਂ ਅਤੇ ਤਿਉਹਾਰਾਂ ਦਾ ਮਹੀਨਾ ਹੈ। ਪੰਜਾਬੀ ਲੋਕ-ਜੀਵਨ ਵਿੱਚ ਸਾਉਣ ਦੇ ਮਹੀਨੇ ਦਾ ਇੱਕ ਵਿਸ਼ੇਸ਼ ਮਹੱਤਵ ਹੈ। ਜੇਠ-ਹਾੜ ਦੀਆਂ ਗਰਮੀਆਂ ਦੀ ਤਪਸ਼ ਅਤੇ ਲੋਅ ਤੋਂ ਬਾਅਦ ਆਏ ਮਹੀਨੇ ਸਾਉਣ ਦੇ ਮੀਹਾਂ ਦੀ ਬੌਛਾਰ ਪੰਜਾਬੀਆਂ ਅਤੇ ਪੰਜਾਬਣਾਂ ਨੂੰ ਅਨੋਖੀ ਠੰਢਕ ਅਤੇ ਖੁਸ਼ੀ ਦਿੰਦੀ ਹੈ। ਸਾਉਣ ਨੂੰ ਮੀਂਹ ਦਾ ਮਹੀਨਾ ਵੀ ਕਿਹਾ ਜਾਂਦਾ ਹੈ।

ਸਾਉਣ ਦੇ ਮਹੀਨੇ ਵਿੱਚ ਮੌਸਮ ਵਿੱਚ ਤਬਦੀਲੀ ਆ ਜਾਂਦੀ ਹੈ ਅਤੇ ਹਰੇ-ਭਰੇ ਵਾਤਾਵਰਨ ਵਿੱਚ ਮੋਰ ਖੁਸ਼ੀ ਵਿੱਚ ਨੱਚਦੇ ਹਨ ਅਤੇ ਪੈਲਾਂ ਪਾਉਂਦੇ ਹਨ, ਜੋ ਬਹੁਤ ਹੀ ਸੋਹਣੇ ਲੱਗਦੇ ਹਨ।

ਸਾਉਣ ਮਹੀਨੇ ਵਿੱਚ ਤੀਆਂ ਦਾ ਤਿਉਹਾਰ ਇੱਕ ਪ੍ਰਮੁੱਖ ਤਿਉਹਾਰ ਹੈ, ਜੋ ਸਾਉਣ ਮਹੀਨੇ ਦੀ ਤੀਜ ਤੋਂ ਸ਼ੁਰੂ ਹੋ ਕੇ ਸਾਉਣ ਦੀ ਪੁੰਨਿਆਂ ਤੱਕ ਤੇਰਾਂ ਦਿਨਾਂ ਤੱਕ ਚੱਲਦਾ ਰਹਿੰਦਾ ਹੈ। ਅਸਲ ਵਿੱਚ ਤੀਆਂ ਦਾ ਤਿਉਹਾਰ ਖੁੱਲ੍ਹ ਕੇ ਨੱਚਣ-ਟੱਪਣ, ਜੀਵਨ ਦੇ ਰੁਝੇਵਿਆਂ ਤੋਂ ਬੇਧਿਆਨੇ ਹੋ ਕੇ ਖੁਸ਼ੀਆਂ ਸਾਂਝੀਆਂ ਕਰਨ ਤੇ ਖੁਸ਼ੀਆਂ ਮਾਨਣ ਦਾ ਤਿਉਹਾਰ ਹੈ। ਤੀਆਂ ਦੇ ਤਿਉਹਾਰ ਅਤੇ ਸਾਉਣ ਦੇ ਮਹੀਨੇ ਵਿੱਚ ਪਿੰਡ ਦੀਆਂ ਸਾਰੀਆਂ ਵਿਆਹੀਆਂ ਕੁੜੀਆਂ ਆਪਣੇ ਪੇਕੇ ਘਰ ਆਉਂਦੀਆਂ ਹਨ, ਤੀਆਂ ਅਤੇ ਤਿਉਹਾਰਾਂ ਵਿੱਚ ਇਕੱਠੀਆਂ ਹੋ ਕੇ ਗੀਤਾਂ ਅਤੇ ਬੋਲੀਆਂ ਰਾਹੀਂ ਆਪਣੀਆਂ ਭਾਵਨਾਵਾਂ ਅਤੇ ਦੁੱਖ-ਸੁਖ ਸਾਂਝੇ ਕਰਦੀਆਂ ਹਨ। ਤੀਆਂ ਵਿੱਚ ਪਿੱਪਲਾਂ ਉੱਪਰ ਪੀਂਘਾਂ ਪਾਈਆਂ ਜਾਂਦੀਆਂ ਹਨ ਅਤੇ ਕੁੜੀਆਂ ਬੋਲੀਆਂ ਪਾਉਂਦੀਆਂ, ਨੱਚਦੀਆਂ-ਕੁੱਦਦੀਆਂ ਅਤੇ ਪੀਂਘਾਂ ਝੂਟਦੀਆਂ ਹਨ, ਜੋ ਉਨ੍ਹਾਂ ਨੂੰ ਵੱਖਰੀ ਹੀ ਖੁਸ਼ੀ ਦਿੰਦਾ ਹੈ।

ਸਾਉਣ ਦੇ ਮਹੀਨੇ ਵਿੱਚ ਪੇਕਿਆਂ ਵੱਲੋਂ ਆਪਣੀਆਂ ਧੀਆਂ ਨੂੰ ਸੰਧਾਰਾ ਭੇਜਿਆ ਜਾਂਦਾ ਹੈ ਜਿਸ ਵਿੱਚ ਲੀੜੇ-ਕੱਪੜੇ ਅਤੇ ਹੋਰ ਜ਼ਰੂਰੀ ਵਸਤਾਂ ਹੁੰਦੀਆਂ ਹਨ। ਸਾਉਣ ਮਹੀਨਾ ਪੰਜਾਬੀਆਂ ਦੀ ਪਛਾਣ ਤੇ ਪ੍ਰਗਟਾਵੇ ਦਾ ਮਹੀਨਾ ਹੈ। ਰੂਹ ਨੂੰ ਖਿੜਦੀ ਤੇ ਮੌਲਦੀ ਰੱਖਣ ਲਈ ਸਾਂਝੀਵਾਲਤਾ ਦੇ ਪ੍ਰਤੀਕ ਇਨ੍ਹਾਂ ਤਿਉਹਾਰਾਂ ਨੂੰ ਜਿਉਂਦਾ ਰੱਖਣਾ ਬਹੁਤ ਜ਼ਰੂਰੀ ਹੈ।

Mind Boggler



Ans. key of vol. 50

Let's think

1. I'm extracted from a mine and confined to a wooden case, yet I'm utilized by almost everyone. What am I?
2. What becomes sharper with increased use?
3. What can be held in your right hand but not in your left?
4. What is constantly moving but never reaches its destination?
5. What can be held without physical contact or hand usage?

$$7 * 6 = 42$$

$$9 * 9 = 81$$

$$5 * 3 = 15$$

$$6 * 2 = 12$$

