



THE PRODIGY

A STUDENT'S NEWS PAPER

PUBLISHED BY KENDRIYA VIDYALAYA SABARMATI

FROM PRINCIPAL'S DESK

ISSUE 2
AUGUST 2022

Kendriya Vidyalaya Sabarmati coming under Ministry of Education is whole heartedly devoted for transforming our kids to future citizens and equipping them with 21st century skills. From last five years we are working on a model, We named it as Sabarmati model to establish excellence and milestones. We are working on developing Skills in our Students. Some of the skills that we have achieved in our students are gardening skills in fruit garden, 3D printer making, Drone making in robotics lab and sports skill in our

latest developed 03 play-grounds. This is for the first time KV Sabarmati got so many medals in different games in KVS Ahmedabad regional Sports Meet. This shows the dedication and expectation of our students and teachers.

With a step further we have started pre-vocational skill Courses for the students of Class - 6 to 8 on skills like Data Science, Information technology, coding, designing, Handicraft & Marketing.

The efforts taken by our editorial team is praiseworthy and through this month-

ly newspaper we are trying to inculcate some good habits in our students and also giving them useful information and make our parents aware of our achievement in that month. We will be happy if some of our parents also contribute their articles for this monthly Newspaper. At last, it is my sincere request to our parents to ensure that their wards must read it and they are also requested also to go through it and give suggestions to improve it.

-Shri Avijit Panda
Principal

Executive Editor: Mr. Kirit Chauhan PGT English
Chief Editor: Smt Sonia, PRT
Editor Digilization: Mr. Priyakant, TGT Soc. Sci.

Student Editors:

1. Heena Yadav Class XII B
2. Kashish Class XII B
3. Harmisha Class X B
4. Dhruvil Class IX A
5. Saharsh Sinha Class XII A

NIPUN BHARAT

Nipun Bharat Mission or National Initiative for Proficiency in Reading with Understanding and Numeracy was launched by the union education ministry under the Samagra Shiksha (an overarching programme for the school education sector extending from preschool to class 12) aligned with NEP 2020. The scheme ensure that every child in classes 1 to 3 would acquire FLN (Foundational Literacy and Numeracy) skills in India by the end of 2026 "It is essential for children in primary schools to have basic Knowledge Nipun Bharat Mission instructs teachers or educators to prepare a study plan that develops the students' literary and basic language skills. Due To Covid-induced lockdown, studies were affected. Hence, the NIPUN mission has been started to fill gaps made in the learning process in these two years." The FLN Frame work (Three Goals of FLN) 1. Children maintain good health and wellbeing. 2. Children become effective communicators. 3. Children became involved learners and connect with their immediate environment. Kendriya Vidyalaya Sabarmati organized "Vidya Pravesh" (a three - month programme for class 1 under NIPUN BHARAT mission on 22 June 2022 to provide a positive and comfortable environment for children to come to school happily.) The stage was decked up with rangoli , they were called upon the stage with welcome song. Avijit Panda, Principal and L S Solanki HM interacted with the students. The chocolates were distributed to the students. The class rooms were decorated with cutouts of fruits, vegetables and mask of animals. Over all the event laid a platform to create a bonding between students of class 1 and teachers. Activities have been done under NIPUN BHARAT CLAY CREATIONS COLLECTING CLASSIFICATION AND DRAWING DRAMA PAPER FOLDING PASTING GARDENING DOLL MAKING PLAYING CLIMBING READING ,NATURE AND WALK, COLORING AND DANCING ETC.

- Shri L S Solanki HM

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INDIA'S ACHIEVEMENT IN THE FIELD OF SCIENCE AND TECHNOLOGY IN LAST 75 YEARS.

India has been a country of scientists. We have renowned personalities who have stunned the world with their breakthrough scientific contributions. The list of India's achievements in science and technology for national development or international records is endless. Be it space or medicine, India has a worldwide reputation.

1. Green revolution thanks to technological advancement: Green Revolution made India a self-reliant in food grain production.

2. White Revolution or Operation Flood: Thanks to the White Revolution, India became self-sufficient milk production. The White Revolution was one of the biggest rural development programs.

3. ISRO formation and satellite launch: Indian Space Research Organisation (ISRO) was formed in 1969. Vikram Sarabhai, having identified the role and importance of space technology in a Nation's development, provided ISRO the necessary direction to function as an agent of development. India launched its first indigenous satellite in 1975 called Aryabhata with the help of USSR.

4. Nuclear programme: On May 18, 1974, India tested its first nuclear bomb successfully in Rajasthan's Pokhran. With this test codenamed Operation "Smiling Buddha", India became the world's sixth nuclear power

5. Atomic clock by ISRO

The atomic clock is an amazing technology developed by ISRO and it is used to measure precise location data in navigation satellites.

India's heaviest rocket built by ISRO is GSLV-Mk III. This is a big step towards being self-reliant in the coun-

try's space programme.

ISRO successfully test-fired a scramjet rocket engine that generates forward thrust by using atmospheric oxygen to burn it with fuel.

6. Mars Orbiter Mission

Mars orbiter mission is a great success achieved by India in the field of science and technology. India is the only nation in the world to reach Mars in the first attempt.

7. Chandrayaan 2 Mission

Chandrayaan 2 mission marks India's first lunar exploration mission and ISRO put lots of effort into making this mission a success. With this mission, India has emerged as the fourth country in the world to have hoisted its flag on the lunar surface.

8. PARAM - India first Super Computer

Param is designed and assembled by the Centre for the development of advanced computing in Pune. Today there are 11 supercomputers in India and they are used in the development of nuclear weapons and space programmes.

9. Defence Research and Development Organization (DRDO) (1958) has helped India build a powerful defence system to stand against the potential threats from China and Pakistan. We have built aircraft, arms, tanks, EW systems, missile systems, etc.

10. Drugs and Vaccinations India holds the title of "the pharmacy of the world" today. This is due to the supply of affordable, effective drugs and vaccines to different countries of the world.

11. IT Industry

Today, India is the largest exporter of IT services. Tata Consultancy Ser-

vices (TCS) is ranked among the top 10 IT companies in the world. With good English speaking and software developing skills, India is also considered the top outsourcing destination by leading MNCs.

12. India's BrahMos is the world's fastest and most formidable anti-ship cruise missile.

13. India has successfully designed very low cost wireless telephony.

14. The Indian National Satellite System (INSAT) is one of the largest domestic communication satellite systems in the Asia-Pacific region.

15. India has secured the first position among the countries to launch a nuclear submarine named INS Arihant.

16. Rifath Sharook, an 18-year-old resident of Tamil Nadu, has created history by designing the world's smallest satellite. The satellite has been named "Kalamsat" after former President Dr. A.P.J Abdul Kalam.

17. A team of Indian astronomers has discovered a very large supercluster of galaxies.

18. In the field of medical science Eradication of Small pox, Guinea worm and Polio.

Elimination of Leprosy and Yaws. Containment of diseases like Avian Influenza, H 1 N1, CCHF, Plague, Leptospirosis.

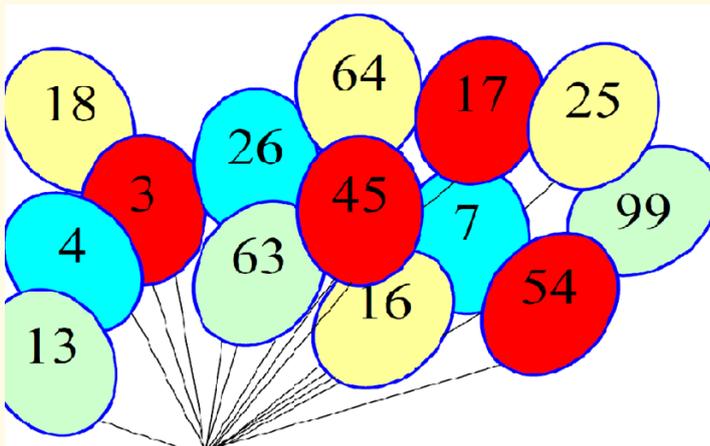
Cholera, widely prevalent was brought under control through focused action.

Public health burden of diseases like Malaria, trachoma, filarial, Kala-Azar got substantially reduced.

Major initiatives began to control tuberculosis.

- Mrs. Kalpana Dwivedi
- PGT Biology

BALLOON BURSTING



1. Balloons with multiple of 9.
2. Square number balloons.
3. Prime number balloons.
4. Which balloon is left?

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FUNDAY ACTIVITIES

FUNDAY is a great way to end a week of hard work and reward the students with some free time and fun activities. It's an amazing way to give students some time to socialize and just be kids. Here are some activities which are conducted at K.V. Sabarmati on every Saturday for the holistic development of the students.

Art and craft

There is no doubt that arts and crafts are fun activities for kids. Be it coloring with crayons or making miniature statues from clay, folding paper to create fine origami or designing a handmade birthday card, all these activities are conducted in vidyalaya which can enhance the interest of the children and exploit their artistic potentials well as building their cognitive, physical, and social development.

Gardening

Children can learn new skills, have fun, play and develop self-confidence by spending time in the garden tending plants. Our Vidyalaya indulges many students who are interested in gardening. Children enjoy being outdoors and love digging the soil, getting dirty, creating things and watching plants grow.

Sports

It is important to note that sports activities are very beneficial for our health since they help us to make a more natural use of our body. From running a race to kho-kho, kabaddi, cricket, skipping etc. all the types of sports are organized in Vidyalaya.

Creative writing

These exercises are short bursts of improvisational writing. From one line to a short story, these writing drills prompt a writer to approach a familiar topic in a new way. To enhance creative writing some games are organized like sentence antakshari, dumb charades, jumbled sentences etc.

Mental Math

Mental Math is a students' ability to make calculations in their mind without the use of pencil and paper, calculators, or other aids. Students are given rigorous practice of mental maths to calculate and estimate quickly, using math facts that students have committed to memory, such as multiplication, division, doubles facts, etc

Singing and dancing.

Singing and dancing are fun activities for children yet have advantages for their development. By singing, children can understand language and sound. They can improve their vocabulary and communication skills.

Interested children of Primary section practice singing and dancing with the help of music teacher and activity teacher.

Watching interactive learning videos

An interactive video gives the students the ability to interact with the video content itself through a variety of tools. Students can click, drag, scroll, hover, gesture and complete other digital actions to interact with the video's content, similar to the way they'd interact with web content.

Indoor games

Indoor games such as chess to enhance their mental ability, ludo as well as snake and ladder for fun, carom to improve hitting on. Such indoor games are also conducted in Vidyalaya.

Spoken English

Spoken English of the students is also enhanced with the help of reading cards, flash cards, listening to the stories and sentence antakshari.



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Fun with Physics

How to Make a Recycled Balloon Car:

Material Required:-

- 4 round things (wheels)
- 1 box thing (car)
- 1 balloon (engine)
- 2 paper straws (axles)
- 4 foam beads (hubcaps)
- Tape and Scissors
- Something to poke holes in wheels



Make Your Recycled Balloon Car Body:

First, cut out your Box Top and set aside. Then cut the bottom 1/3-ish off the box, with one of the narrow sides cut at about half level. It's hard to describe, so take a look at the picture. This higher piece will hold the balloon. Cut a small 1 cm x 1 cm hole in the tall flap to hold the balloon.

The next step is to empty and clean your biscuit/chocos (or any) containers to make your wheels. And maybe eat a LOT of biscuits/chocos. Or have a biscuit/chocos party.

Make Your Recycled Balloon Car Wheels:

Now it's time to make holes in the wheels for the axles. Use a drill for this and recommend some adult supervision. First poke a small hole in the middle of the wheel with a nail and hammer. Then check your straw size and grab a drill bit a bit bigger than your straw. Then hold tight to the wheel and drill. Careful, these have a tendency to spin so using a clamp or drilling onto a safe surface like a block of wood is ideal.

Assemble the Recycled Balloon Car:

To assemble the car, poke four holes into the sides of the car for the axles. Two things to keep in mind: 1) Use a ruler to keep them at the same position on each side. Otherwise your car will drive wonky. 2) Make sure that the wheels touch the ground and that the center of the wheel overlaps the cardboard far enough that you can make a hole. Feed your straws through the holes, then add the four wheels and the foam bead hubcaps. If the holes in the hubcaps aren't big enough, take the drill bit (without the drill) and dig them out a bit. Make sure your wheels spin freely and cut any extra straw length off the ends.

What Makes a Balloon Car Drive?

There's some pretty cool physics and engineering behind balloon cars. They seem to self-propel, but the power comes from wind power. As the air rushes out of the balloon, the car moves in an equal force in the opposite direction (*Newton's Third Law of motion*). - Mr. Vikas Sharma PGT Physics

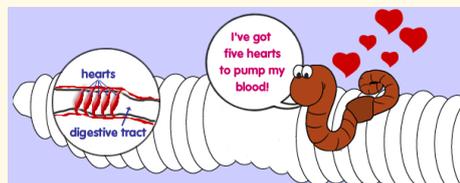


DID YOU KNOW?

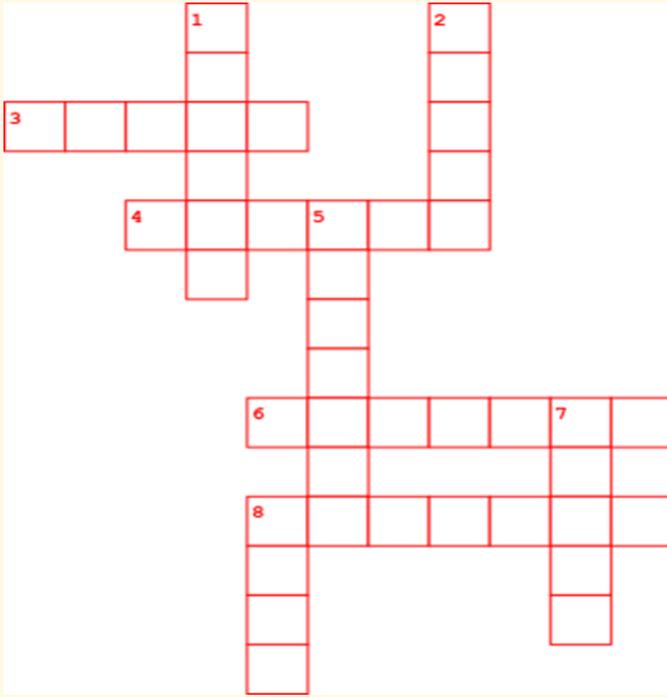
- Zebras are actually black with white stripes.
- A Hippo can fit a 4 -feet tall person in its open mouth.
- Earthworms have five hearts.
- Giraffes only sleeps 30 to 60 minutes in a 12-hour period.
- Giraffe has a long tongue , it can lick its ears.
- Koalas sleep 22 hours a day on average.



MANISHA BHESANIYA
PRT



The Planets



Across

3. No longer officially considered a planet
4. Coldest planet in the solar system
6. The largest planet
8. The closest planet to the sun

Down

1. Famous for its rings
2. The closest planet to Earth
5. The farthest planet from the sun
7. Takes approximately 365 days to rotate around the sun
8. Known as the "Red Planet"

INDIAN FAMOUS POETS

TULSIDAS (1532-1623)

He was a famous poet. He was a prolific writer and he had written some famous poems of HANUMAN CHALISA, VINAYA PATRIKA and RAMCHARIT MANAS. He is one of the greatest poets in Hindi.

RABINDRANATH TAGORE (1861-1941)

Rabindranath Tagore was a Bengali poet He is a very famous modern Indian poet.. who composed numerous poems, wrote dramas and short stories. His famous book is BIRPURUSH, BHAROTO BHAGYO BIDHATA.

MIRABAI (1498-1557)

In the 16th century she was a Hindu mystic poet. Mirabai was a devotee of lord KRISHNA. She had written some devotional poems. Her famous book is AMAR CHITRA KATHA.

KALIDAS (4TH-5TH CENTURY)

Kalidas is widely regarded as the greatest INDIAN writer for all time. He has also written two Epics namely RAGHUVAMSHA, KUMARASAMBHAVAN. His famous poem is MEGHADUTA and RITUSAMAHARA.

VISHNU SHARMA

He was an Indian scholar and author who is believed to have written

PANCHTANTRA. Vishnu Sharma is one the widely translated non-religious author in history.

KABIR DAS (15TH CENTURY)

Kabir das was a 15th century indian mystic poet and saints. His Dohe are also famous. He believed in humanity not in religion. Many Hindus and Muslims follow him. Today his poems and Dohes are taught in schools and colleges. His dohe and poems also reflected in Gurugranth Sahib. His book of Dohe is famous as Kabir Vani.

-Yogesh Kumar VIII A

JWST

JWST also known as James Webb Space Telescope launched on 25th December of 2021 and took off with the hopes of many Space lovers. A dream of scientists and astronomers which took 25 years and 10 Billion dollars. NASA showed us wonderful and exciting discoveries recently on the 12th of July 2022. From taking a photo of the past to finding a potential home for us. Before going into the details of discoveries you should know how it works. It doesn't work like an ordinary telescope having some lenses but from a mirror with a focal length of 131.4 meters. The weight of the mirror is 700KG. This telescope works with infrared light which is not seen by the eyes. The

photos are taken by NIRCAM and MIRICAM. Now let's take a look at a dying star a Nebula. The Southern Ring Nebula. For the last thousands of years the process of death is still going on. You can see the dust around the dying star which makes it very beautiful. Another photo that blew the minds of every person having an eye on space, is a photo of the past, not 1 year or 10 years, or even 100 years but 13.1 billion years. [photo 3]The photo shows the galaxy cluster named SMACS 0723. It took around 12.5 hours to take that photo. We talked about the death of a star earlier but let's talk about the Birth of a Star. A nebula is named Cosmic Cliffs and is also known as Carina

Nebula. The photo shows a lot of dust and clouds and many baby stars in it. Another discovery from JWST was a planet. JWST found a planet with water. JWST didn't take a picture of the planet but observed the light coming from it. The planet is named WASP 96B which is 1150 light years away from us. The light coming from it showed us the presence of water. Unfortunately, that planet is not habitable. Till then we have to wait for the news from the earth and gaze at the night sky.

-By Saharsh Sinha XII A

BIRTHDAY CELEBRATIONS



VIHAN PANCHAL
15/09/2014



Manshi Upadhyay
13/09/2015



RUSHIRAJ 18/09/2015



DIKSHA MEENA
27/09/2015



Krishang Gadhavi.
18/09/2014



PAHAL
15/09/2015



Shruti Patel
27.09.2010



MANVENDRA
12/09/2015



Rishuraj 24/09/2015



PARI
29/09/1015



THIYA
01/09/2015



POORVKUMAR
14/09/2015



Rucha
09-09-2013



Himanshi verma
7/09/2006



Krishna Lohval
(18/9/13)



Krishna Patel(27/9/13)



Priyanshi Rawat
(24/9/14)



mantram(21/9/14)



Darshil 3A (20/9/13)



DIYA 8/9/13



Divija Pareek
24.09.2010



Pari 22-09-2012



DIPTI21-09-2013



PAYAL 13-09-2013



BHUMI 14-09-2013



HELINA 13-09-2012



AARADHYA
SONI 06/09/2012



ADITYA RANJAN
10/09/2005



Krisha 17/9/14



Mokshad Tarun 05/9 2013



SHAURYA .
18/9/2013



Sarthak Kumar
20/9/2013



Aman Kumar.
03/9/2013



ADARSH RAO-



Vishwa 02.09.2010



UNNATI- 07/09/2012



ADITYA 14/09/2011



TIRTH SHAH-



KALKIN YADAV



SARTHAK



ISHANVI
04/09/2015



Aditya Sharma
23-09-2011

TANISHA BAWANE
9/09/2005



AKSHAT-
06/09/2012



RAHUL PARIHAR
28/09/2009



DHRUV SISODIYA
29/09/2009



Ayushya Sharma
01.09.2009



Mohammed Almas Khan
30.09.2010



ELWIS
27/09/2005



DWIJENDRA
07/09/2005



ABHINAV
3/09/2005



Yuvraj pal
19/09



Nikita prajapati
18/09/2007



Laxmi Meena
11/09/2007



Jeet Meena
22/09/2007



Janvi.
21/09.2007



Khyati
01/09/2007



Kinshuk
17/09/2007

himika jawarkar
24/9/2011

INDEPENDENCE DAY CELEBRATION

India celebrated its 76th Independence Day as 'Azadi Ka Amrit Mahotsav' to commemorate its freedom. Azadi Ka Amrit Mahotsav is an initiative of the Government of India to celebrate and commemorate 75 years of independence and the glorious history of its people, culture and achievements.

This Mahotsav is dedicated to the people of India who have not only been instrumental in bringing India thus far in its evolutionary journey but also hold within them the power and potential to enable Prime Minister Narendra Modi's vision of activating India 2.0, fuelled by the spirit

of Aatmanirbhar Bharat.

15th August 2022 was a day of immense pride and joy for all Indians. On this day, we Indians celebrate our heroes and freedom fighters who sacrificed their lives for the nation, to bring us freedom, peace, and joy. This Independence Day program started with a parade led by NCC cadets. After the parade was over Mr Abhijit Panda, the venue principal unfurled the flag at 8 am followed by the national anthem.

The colourful programs started with an opening Patriotic song by the students of primary section. Urvi Class 10th Students talked about the glori-

ous past of the country. Group dances were presented by the students of primary and secondary section. A student of class IXth Dhruvil delivered an in-depth speech on this auspicious occasion which was followed by a beautiful patriotic song by the student of primary section. Our principal sir also delivered a motivational speech which was followed by a prize distribution program in which the students who were selected for the National Sports Meet were given prizes. A Slow cycle race was also organised for the students and teachers as well. In the end the program ended with the sweet distribution.



ART EXHIBITION

An art exhibition under Azadi ka Amrut Mahotsav was held at Kendriya Vidyalaya Sabarmati. 70 paintings drawn by the students of class 6 to 10 were presented in the exhibition. Mrs. Arefa Mansuri worked very hard to have this exhi-

bitation a grand success. The exhibition was inaugurated by Mr. Avijit Panda, Principal, Kendriya Vidyalaya Sabarmati on 15 th August. Many parents visited the exhibition and highly appreciated the work done by the students.



REGIONAL SPORTS MEET 2022

Kendriya Vidyalaya Sabarmati was the venue for Regional sports meet 2022, for three events, namely, boxing, rope skipping and shooting. 50 students participated in these events under various category. The winners were felicitated with medals and certificates. They were also recom-

mended for KVS National Sports Meet. Moreover, it is a matter of great pride that KV Sabarmati secured 7 Gold Medals, 5 silver medals and 17 bronze medals in different events of the regional sports meet.

