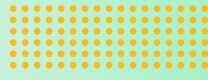




# Vivekanand English High School



## VEHS KIDZOPEDIA



FEBRUARY EDITION



# PRINCIPALS' DESK



Namaskar

As Martin Luther King Jr. said once: "The function of education is to teach one to think intensively and to think critically. Intelligence plus character - that is the goal of true education."

As the head of this institute, I along with my teachers, endeavour to turn my students into humans with empathy, intelligence & strong moral fabric.

Education is the all-round development of a child — body, mind & soul. As the leader of the team, I mentor my teachers to build bridges with their students, to transform academic vision to reality, empowers the teachers to become change agents, & introduces & nourishes passion into the students.

We have aimed to create a safe, nurturing yet challenging environment that is built on positive relationships, developing the students - emotionally, socially and academically. We care for and appreciate each of our students as they are unique individuals.

The great American poet Maya Angelou said: "I've learned that people will forget what you said, people will forget what you did, but people will never forget how you made them feel." To make our students feel enlightened is our supreme responsibility. To make organization soar to the heights of academic excellence is our ultimate goal.

The academic year of 2023 -24 is going to end with a positive note, where me and my team have given our best for our students, and we are thankful to the management for all the support and guidance throughout the year.

Regards,

Ms. Pranati. Mitra  
Head Mistress.

# EDITORIAL TEAM



**CHIEF EDITOR:  
MS. PRIYA SHIRODKAR  
(TEACHER)**



**STUDENT EDITOR:  
SHIVAM KESARKAR  
(STD VII-B)**



**STUDENT EDITOR:  
PRASAD NAYAK  
(STD IX-B)**



**STUDENT EDITOR:  
NANDAN SHRIYAN  
(STD IX-B)**

## **DISCLAIMER**

The information / content has been written or compiled from various sources. The information provided is just to enhance the thinking capacity and the creativity of the students and give them a platform to showcase their talents.

# Subject Editors

**English**

**Hindi**

**Marathi**

**Maths**

**Science**

**Social Science**

**Computer**

**Art**

**Sanskrit**

**Moral Values**

**Yogasana**

**Sports**

**Ms. Shakuntala Maurya**

**Ms. Neha Yadav**

**Ms. Reshma Kamthe**

**Ms. Priya Rathod**

**Ms. Pratima Singh**

**Ms. Nirmala Maheshwari**

**Ms. Nita Jawale**

**Ms. Ujwala Vartekar**

**Ms. Apeksha Tembye**

**Ms. Priya Shirodkar**

**Ms. Shakuntala Maurya**

**Mr. Jayprakash Singh**

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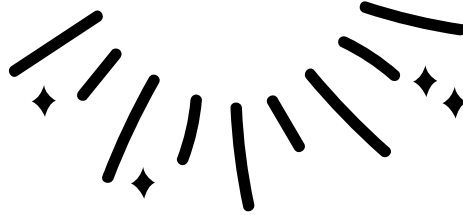
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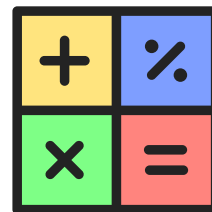
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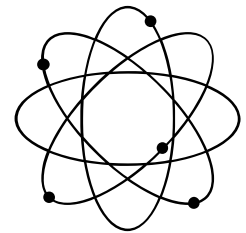
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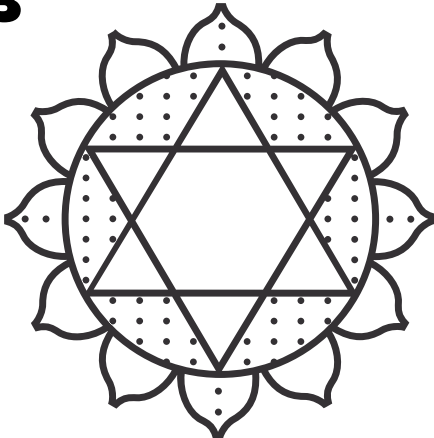
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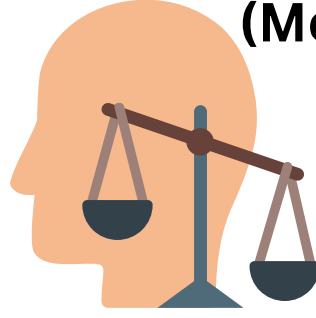
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# TOP NOTCH



Prasad Nayak from IXB bagged 1st prize in Cozmo Clench Competition held at IIT Mumbai on 10th February



Guides received 1st consolation prize for their march past at Jaywardhe Rally held on 22nd February





Shivam Kesarkar from VII-B Bagged 3rd Price in District Level Elocution Competition organized by Mumbai Police



Shivam Kesarkar from VII-B Won Wealth Vidya's Wealth Wizards 2.0 National Level Financial Quiz Competition Organized by Niti Aayog



# KRIDA MAHAKUMBHA



Arm wrestling under 14 Girls and Boys Winners (Individual Event)

Tug of War under 17 Boys secured Second Prize. (Group Event)



Tug of War under 17 Girls secured Third Prize. (Group Event)





Girls of 9th Std won Bronze Medal and cash prize of Rs 5000 in Tug of War at District Level.  
(Group Event)



Tug of War under 17 Girls secured Second Prize.  
(Group Event)



# SPOT LIGHT

## Student Of Month

Vivekanand English High School  
YEAR 2023-24  
STUDENT OF THE  
MONTH - FEBRUARY

STD	NAME	STD	NAME
V	 Anika Datta	VIII	 Anika Khan
VI	 Anshu Khanna	IX	 Anshu Khan
VII	 Anshu Singh	X	

The display board is decorated with colorful paper flowers in shades of pink, orange, and yellow, and green paper leaves. The text is arranged in horizontal banners of various colors (green, pink, yellow, white) against a dark red background. The student photos are small, square, and placed on colored paper backgrounds.

# Swacch Class

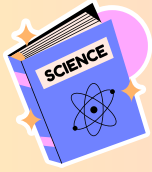


**1st VII A**

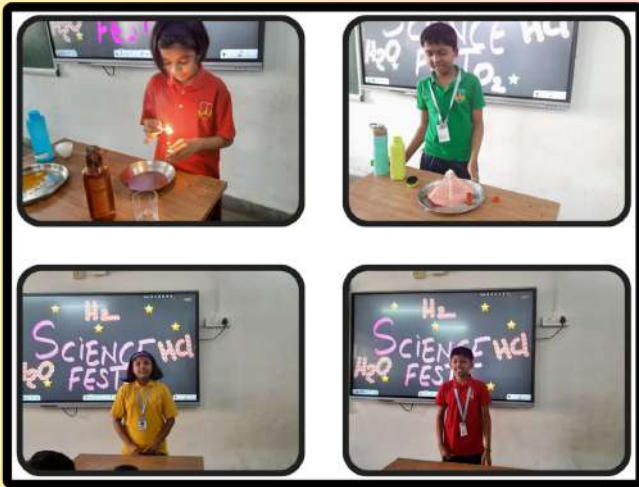


**2nd VI-A**

# Science Fest



## SCIENCE EXPERIMENTS





# Marathi Bhasha Divas





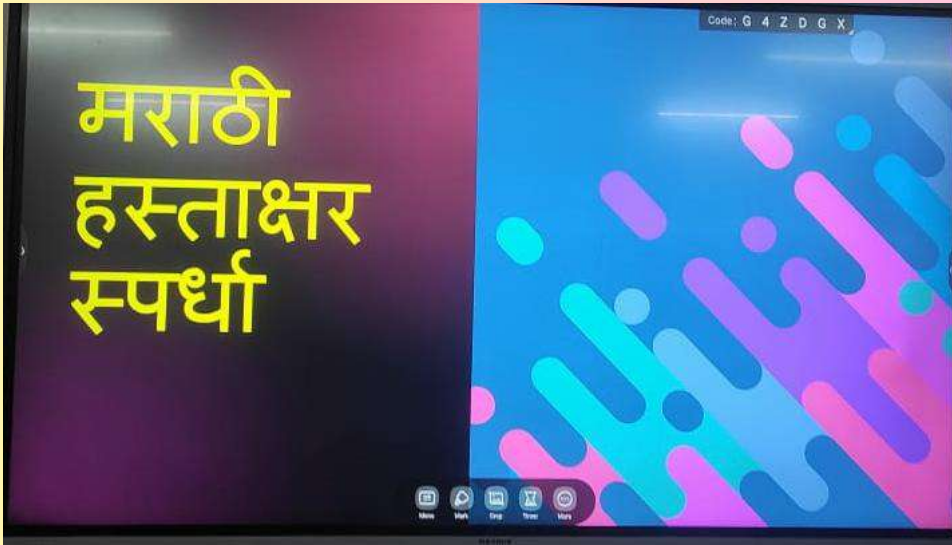


# Sanskriti Samvardhan Pratishthan



Sanskriti Samvardhan Pratishthan Prize Distribution Ceremony held on 15th February.

# Marathi Fest



2nd February



# मराठी निबंध लेखन स्पर्धा



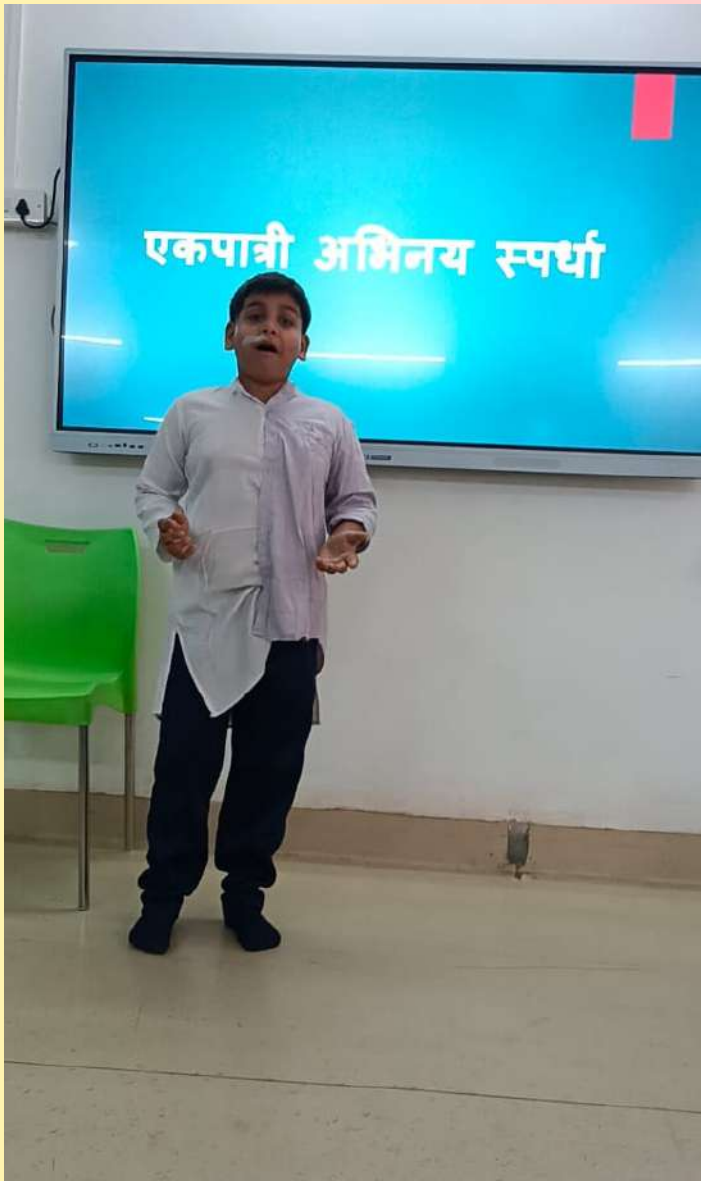
8th February





14th February





# Annual Sports Day Prize Distribution



**Best Athlete under 12 (Girls)**



**Best Athlete under 12 (Boys)**



**Best Athlete under 14 (Girls)**



**Best Athlete under 14 (Boys)**



**Best Athlete under 16 (Girls)**



**Best Athlete under 16 (Boys)**



**Individual Game Winners**



**Team Game Winners**



Overall Championship Winner- Ruby House



Sports Championship Winner- Topaz House

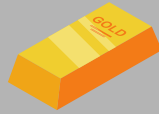


Co-curriculum Championship Winner- Ruby House





# MEGHDHANUSH



*Why gold is so valuable?*



Gold is beautiful, useful and scarce. That is why it is so expensive. If coal were as rare, it would probably be just as valuable.

Gold was one of the first metals that human beings discovered and mined. Through the ages, the lure of gold has created visions of riches and power. Many alchemists have even tried to change all kinds of 'base' metals, such as lead and silver, into gold. By the 7th century B.C. gold coins were already in circulation.

Until recently, more than half of the world's gold was mined in South Africa. Gold is still found even in the British Isles. Princess Diana's wedding-ring, for instance, was crafted from Welsh gold. Gold jewellery is treasured among most cultures of the world.



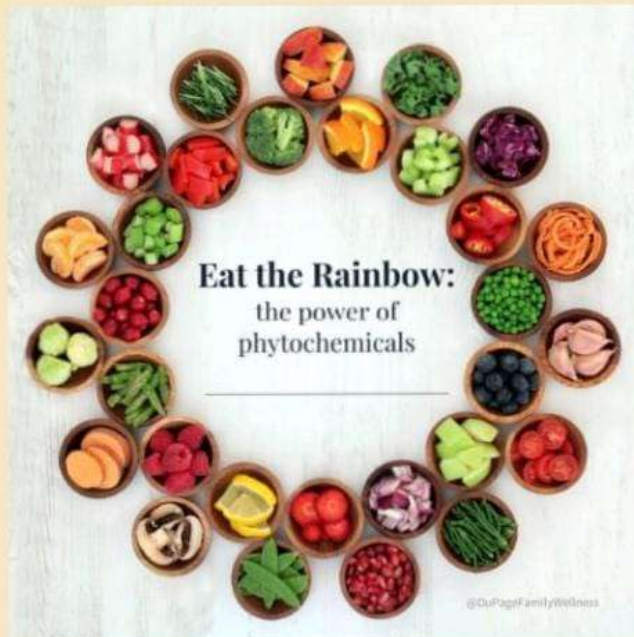


# SPORTZ



## Food examples for Refuelling

Meal	CHO type	Examples
Regular Breakfast, Lunch, Dinner	Complex, Fibrous food, unprocessed/ less processed	Daliya, Wheat Flour with chokar, brown rice/ unprocessed rice, Jowar, Bajra, Ragi, Makki flour, Oats, salads vegetables, whole fruits etc
Pre Event Meal	Easily digestible Carbohydrates, Low fiber, Low fat, processed (Glucose, Malto-dextrin, table sugar, starches)	White rice, white bread, jam, pasta, corn flakes, potato, sweet potato, sandwiches, idli, poha, upma, fruits, diluted juices, sports bars
During exercise	Easily digestible Carbohydrates, Low fiber, Low fat CHO in combination with liquids (Glucose, Malto-dextrin, table sugar, starches)	Banana, Sugar, honey, glucose, sports gels, sports drinks etc.
Post Exercise/ Recovery	Easily digestible/ fibrous food based on availability	Fruit juices, Banana, Potato, Oats, cornflakes, Whole wheat flour, rice, whole fruits etc.



# LITERARY ALLIANCE (ENGLISH)



## Basant Breeze

Today is the day you are waiting for  
Puja in the honor of your wisdom god,  
To your home is coming mother god,  
Worries of knowledge to beseech thy lord.



The sun ascends in the east,  
Nature Seeing the view,  
Kites soaring high in the sky,  
Unfurled dreams will definitely fly.



She comes with veena in her hand,  
And spreads knowledge to all the land,  
To all her will bow and sway,  
For welcoming another day.



Sweet season of the basant breeze  
Happiness of joy go through the trees,  
Above and above in the air,  
Colours of her beyond compare.

Written By:  
-Kedar Garware VIA

# LITERARY ALLIANCE(MARATHI)



२७ फेब्रुवारी १९१२ रोजी जन्मलेले आणि १० मार्च १९९९ रोजी निधन झालेल्या विष्णू वामन शिरवाडकर यांच्या वाढदिवसानिमित्त दरवर्षी २७ फेब्रुवारी रोजी मराठी भाषा दिवस साजरा केला जातो.



मराठी कवितेला एका वेगळ्या उंचीवर नेणारे कुसुमाग्रजांनी महाराष्ट्राच्या बोलीभाषेला साहित्यात विशेष स्थान मिळवून देण्यात महत्त्वाची भूमिका बजावली. या वर्षी प्रसिद्ध कवी विष्णू वामन शिरवाडकर यांची ११२ वी जयंती आहे, जे कुसुमाग्रज या नावाने प्रसिद्ध आहेत. ते मराठी कवी, नाटककार, कादंबरीकार आणि लघुकथा लेखक होते, ज्यांनी स्वातंत्र्य, न्याय आणि वंचितांच्या मुक्तीबद्दल लिहिले आणि त्यांना १९८७ मध्ये ज्ञानपीठ पुरस्काराने सन्मानित करण्यात आले.



मराठीच्या संवर्धनासाठी काम करणाऱ्या व्यक्तींचा सन्मान आज महाराष्ट्र आणि गोव्यासह मराठी भाषिक प्रदेशात अनेक कार्यक्रम आयोजित केले जातात. या दिवशी मराठी भाषिक एकमेकांना शुभेच्छा देतात. या दिवशी शाळा-महाविद्यालयांमध्ये निबंध स्पर्धा, चर्चासत्रांचे आयोजन केले जाते

Written By:  
-Aayush Alande VIIB

# LITERARY ALLIANCE (HINDI)



## विकसित भारत की विकसित रेल

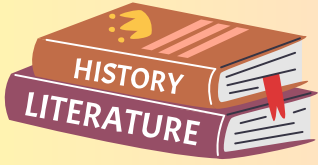
बढ़ रहा है भारत मेरा,  
क्यों ना बढ़े इसकी रेल?  
ताल-मेल से जोड़े हर इंसान को,  
ऐसी है हमारी महान रेल।

अब तो वंदे भारत जैसी प्रगति दौड़ती हैं,  
सभी यात्रियों को समय से पहुँचाती हैं।  
जिस दिशा में यह जाती हैं,  
वहाँ खुशहाली लाती हैं।

मेट्रो मोनो अपनी रफ्तार पकड़ती हैं,  
अब तो बुलेट ट्रेन भी अपनी गरिमा बढ़ाती हैं।  
विकसित भारत की विकसित रेल  
मत समझना इसे कोई खेल।



Written By:  
Swara Kamble VIII A



# EPIC PULSE

## Param Vir Chakra

- The Param Vir Chakra was established on 26th January 1950 (the Republic Day of India), as a Gallantry Medal by Dr. Rajendra Prasad, the then president of India. The PVC is awarded to recognize bravery, daring, or an acts of self sacrifice in the presence of the enemy. The PVC can be awarded to officers and enlisted personnel of all military branches of India, and posthumous awards are also allowed.



- The medal was designed by Mrs. Savitri Khanolkar. The designer drew inspiration from sage Dadhichi, a vedic rishi who made the ultimate sacrifice by giving up his body so that the Gods could make a deadly weapon called Vajra or Thunderbolt from his spine. The medal is cast in bronze.

- The Param Vir Chakra is a circular bronze medal with a raised state emblem of India in the center, surrounded by four replicas of "Indra's Vajra", the ancient Indian weapon. It is worn around the neck.
- Due to its stringent criteria and the extreme valour it represents, the Param Vir Chakra is a rare honour. It is awarded only in the most exceptional circumstances, making it a symbol of the highest form of bravery and sacrifice.
- As of 2023, 21 recipients have received the Param Vir Chakra of which 14 were awarded posthumously and 16 arose from actions in Indo-Pakistan conflicts. Of the 21 awardees, 20 have been from the Indian Army, and one has been from the Indian Air Force.
- The first recipient of the PVC was Major Somnath Sharma, who was 24 years old when he received it.
- The legacy of Param Vir Chakra recipients serves as an inspiration to future generations of soldiers and civilians alike. Their stories are often recounted in books, films, and other forms of media to inspire patriotism and courage. Overall, the Param Vir Chakra stands as a symbol of India's indomitable spirit and the courage of its armed forces in the face of adversity.



Compiled by:  
-Ameey Sawant VIII-B

## Basant Panchami: A day that celebrates Knowledge



Basant Panchami is one of the most popular festivals in India; it is dedicated to Goddess Saraswati. It is also called 'Saraswati Puja' in the states of Bihar and West Bengal, where it is celebrated with great enthusiasm on a grand scale. According to the Hindu Calendar, Vasant Panchami falls on the fifth day of the month of Magh, i.e., between January and February.

Basant Panchami, also known as Saraswati Puja, is a Hindu festival celebrated to welcome the arrival of spring. It is celebrated every year on the fifth day of the Indian month of Magh. Basant Panchami is celebrated with joy and enthusiasm in various parts of India. The festival is dedicated to Goddess Saraswati, known as the goddess of art, music, and knowledge.

The goddess Saraswati symbolises creative energy and power in all their forms. The colour yellow plays an important role in this festival. People dress in yellow clothes, and the idol of Goddess Saraswati is also draped in yellow or white. Akshar-Abhyasam, Vidya-Arambham, or Praasana, is one of the famous rituals of Vasant Panchami.

Compiled by:  
-Mayank Chawla VIII-B



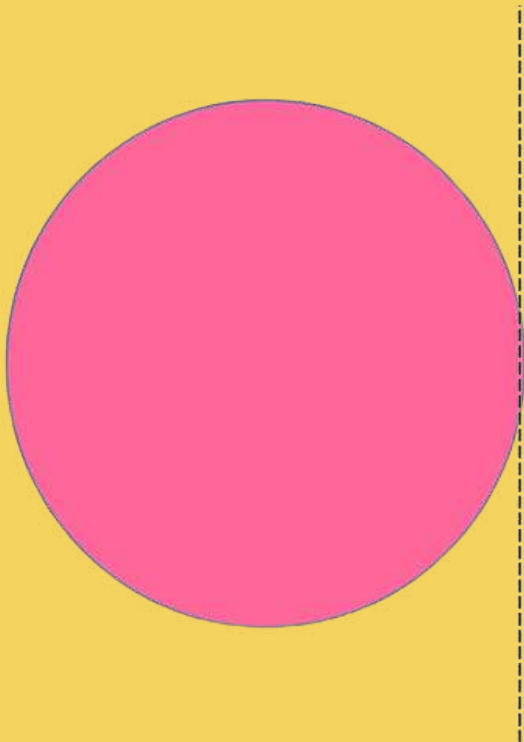
# MATHLETS

## Charisma of Circle

The circle has been known since before the beginning of recorded history.

Some highlights in the history of the circle are:

1. 1700BC-The Rhind papyrus give a method to find the area of a circular field. The result corresponds to  $\frac{256}{81}$  as approximate value  $\pi$ .
2. 300 BC – Book 3 of Ecuclid elements deals with the properties of circle.
3. 1880- Lindeman proves that  $\pi$  is transcendental, effectively setting the millennia-old problem of squaring the circle.



Compiled by:  
-Tanishka Bobhate V-B



## DO YOU KNOW?

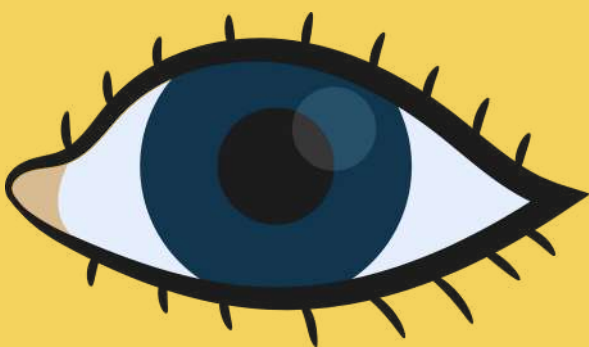
- 1) Mathematically speaking, a circle only refers to the outermost part of a shape, while the term “disk” encompasses the entire thing.
- 2) No other shape with only one side can contain an area like a circle. A circle with an infinite diameter is a straight line.
- 3) For as long as we have been around, we have been able to recognize circles.



**Sun**



**Moon**



**Human Eye**

Above all the pictures form a circle because they are naturally occurring.

Compiled by:  
-Priya Rathod (Teacher)



# BRAINY BLOGS



## Futuristic Science

Science has always been a driving force of progress, and it is sure to continue to play a vital role in shaping our future. In the coming years, we can expect to see significant advances in a wide range of scientific fields, from medicine and energy to space exploration and artificial intelligence.

Another area of science that is poised for major breakthroughs is energy. As the world moves away from fossil fuels, we need to develop new sources of clean, renewable energy. In the coming years, we can expect to see significant advances in solar, wind, and nuclear power.



Space exploration is another area of science that is sure to see major advances in the coming years. In the next decade, we can expect to see humans return to the moon and even travel to Mars. We may also see the development of new space technologies, such as space elevators and solar sails. These are just a few of the many exciting areas of science that are poised for major breakthroughs in the coming years. As science continues to advance science. Here are some specific examples of future scientific advancements that we may see in the coming years:

- **Self-driving cars:**

Self-driving cars have the potential to revolutionize transportation. They could make our roads safer and more efficient, and they could also free up our time to do other things while we are travelling.

Compiled by:  
-Tanmay Awate VII-B

### **Future Science and Technology:**

In the future, science and new technologies are likely to continue advancing at an accelerated pace, leading to transformative changes in various aspects of human life.

Here are some potential developments and trends we might see:

Artificial Intelligence (AI) and Machine Learning:



AI will become even more integrated into our daily lives, with applications ranging from personalized virtual assistants to autonomous vehicles and smart cities. Advanced machine learning algorithms will enable computers to learn and adapt in real-time, leading to more efficient and effective decision-making across industries.



### **Biotechnology and Genetic Engineering**

Advances in biotechnology will lead to breakthroughs in areas such as personalized medicine, regenerative therapies, and synthetic biology. Gene editing technologies like CRISPR-Cas9 will continue to revolutionize healthcare by enabling precise modifications to the human genome to treat genetic diseases and enhance human health.



Compiled by:  
-Kumar Garware VII-A



## Algorithm and Flowchart

### What is an Algorithm?

An algorithm is a procedure or set of rules that defines how a program is to be executed. Or we can say that it is a set of instructions for solving a well-defined computational problem.

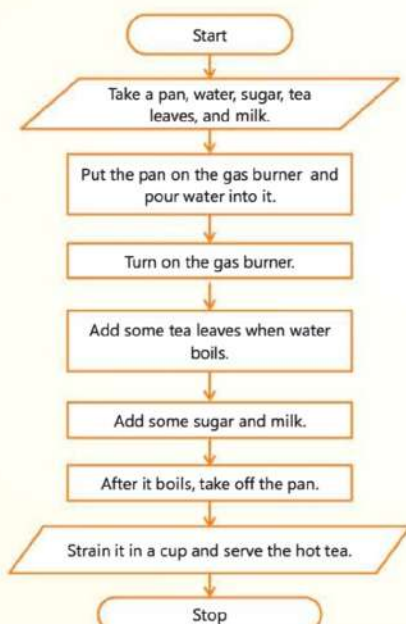
#### PROCESS OF BRUSHING TEETH

1. Take your brush from the shelf.
2. Turn on the tap of your wash basin.
3. Rinse the brush and turn off the tap.
4. Apply toothpaste on the brush.
5. Start brushing your teeth.
6. Clean the brush and rinse your mouth.
7. Take your tongue cleaner.
8. Clean your tongue.
9. Rinse your mouth again and clean your tongue cleaner.
10. Finally you get the desired result, i.e., shiny white teeth and a clean mouth.

### What is a Flowchart?

A flowchart is a graphical representation of the steps a program takes to process data. In this, we can use several geometric patterns to illustrate the numerous actions the program carries out. With the help of the flowchart, the designer can efficiently segregate the various elements of the process. Also, it facilitates the analysis by giving step-by-step instructions on the problem.

**Example 1:** Write down the process of making tea.



### Algorithm Vs. Flowchart

Algorithms and flowcharts are different mechanisms used for designing different programs, particularly in computer programming. An algorithm is a step-by-step summary of the procedure, while on the other hand, a flowchart illustrates the steps of a program graphically

# ART GALLORE



1. Atharv Jeevan Tarade 8/B



2. Hrithvi Erankolla 6/A



3. Sarvesh Navin Mangaonkar 6/A



4. Hrishika Goutam Nabajya 8/A



5. Mugdha Shelke 7/A



6. Mugdha Naik 7/A

# Nandalal Bose Biography



**Born:** 3 December 1882, Kharagpur

**Died:** 16 April 1966 (age 83 years), Shantiniketan

**Children:** Gouri Bhanja, Jamuna Sen, Biswarup Bose

**Movement:** Contextual Modernism

**Grandchild:** Bani Patel

**Parents:** Kshetramonidevi, Purnachandra Bose

## Nandalal Bose Famous Drawings



Compiled by:  
-Ujwala Vartekar (Teacher)



# ज्ञानस्य सम्पदा

## छत्रपती शिवाजी महाराज

शिवराजः एकः आदर्शः राजा आसीत्। हिन्दूनाम इतिहासे सः अद्वितीयो राजा बभूव । तस्य पराक्रमस्य कथाः शौर्यस्य गाथाः अद्यापि गीयन्ते । शिवरायस्य जन्म शिवनेरी नाम दुर्गे अभवत्। अस्य पितुः नाम 'शहाजी', मातुः नाम 'जीजाबाई' आसीत्। जीजाबाई धर्मपरायाणा नारी आसीत्। सा स्वपुत्रं रामायण-महाभारतयोः गाथां श्रावयति स्म। शिवराजस्य पिता शहाजी बीजापुरराजः सकाशात् कार्यं करोति स्म ।

शिवराजेन स्वगुरोः दादोजी कोंडदेवमहोदयात् विद्या प्राप्ता। अल्पावस्थायाम् एव अश्वारोहणस्यापि शिक्षा प्राप्ता। तस्य सुहृद तानाजी, येसाजी प्रभृतयः वीरवन्तः आसन्। शिवराजस्य पराक्रम, तस्य बलं दृष्ट्वा मुघलनरेशः चिन्तितोऽभवत् । तेन प्रेषितः अफजलखाँ शिवाजीं हन्तुम् आगच्छत्। शिवराजः सच्चरित्रः धार्मिकः च राजा आसीत्। एतादृशः महापुरुष भारतभूम्याः सुपुत्रः एतत् भाग्यं खलु ।



### Translation

Shivraj was an ideal king. He became the great king in the history of the Hindus. Stories of his feats and tales of valor are still sung. Shivaraj was born in a fort called Shivneri. His father's name was 'Shahaji' and his mother's name was 'Jijabai'. Jijabai was a pious woman. She used to recite stories from the Ramayana and Mahabharata to her son. Shivraj's father, Shahaji, worked for the king of Bijapur.

Shivraj received his education from his guru Dadoji Konddev. He also learned to ride horses at an early age. His good friends Tanaji and Yesaji were heroes. The Mughal king was worried about the prowess and strength of Shivaraj. Afzal Khan sent by him came to kill Shivaji. Shivaraj was a king of good character and righteousness. It is indeed a privilege to have such a great man as a good son of the land of India.



# ASPIRE ZONE

## The Four Friends

There were four friends who hated studying. They partied all night before their exams and planned to skip the test by lying to the professor. So they went to the dean and told him that they had been to a wedding the previous night and on their way back, they had a flat tyre. They continued to say that they had to push the car all the way back, as they didn't have a spare tyre and hence, were not in a position to write the exam.

The dean listened and agreed to let them take the test on a later date. Happy that they got a second chance, the four friends studied hard and were ready for the exam. On exam day, the dean asked the students to sit in separate classrooms, which the students agreed to.

The examination paper had only two questions, for a total of 100 marks. The questions were thus:

Your name:

Which tyre of the car burst: a) Front left b) Front right c) Rear left d) Rear right

### Moral

You may be smart, but there are people smarter than you in the world.

Compiled by:  
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# YOGA ASANA OF THE MONTH

## Yoga Asana - Surya Namaskar

Surya Namaskar or Sun Salutation is a technique of vitalization via solar energy. Sun worship is still practiced as a daily ritual in many parts of India, as it is a powerful symbol of life energy.

The steps in Surya Namaskar involve a series of twelve different physical movements. These Surya Namaskar poses consist of alternate backward and forward bending asanas, thereby flexing and stretching the spinal column and limbs to their maximum capacity. These Surya Namaskar poses massage, tone, stretch, and stimulate all the muscles and vital organs of the body. These Surya Namaskar poses loosen up all the joints, massages the internal organs, activates the respiratory and circulatory systems as well as helps all other systems of the body to function optimally. The Surya Namaskar exercise harmonizes the whole body-mind complex.

Following are the steps of Surya Namaskar :



# VIVEKANAND ENGLISH HIGH SCHOOL

## VEHS KIDZOPEDIA



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