



ATOMIC ENERGY CENTRAL SCHOOL-2
RAWATBHATA



ASCENT

2023-24



भारत 2023 INDIA

Editorial Board

■ Patrons ■

Shri Sunil Gadgil
Site Director, RR Site,
NPCIL &
Chairman, LMC,
AEC Schools,
Rawatbhata

Shri L.C. Lodha
G M, HWP (Kota),
Rawatbhata &
Co-Chairman, LMC
AEC Schools, Rawatbhata

Shri Sharat Kumar
Project Director
RAPP 7 & 8, NPCIL &
Co-Chairman, LMC
AEC Schools, Rawatbhata

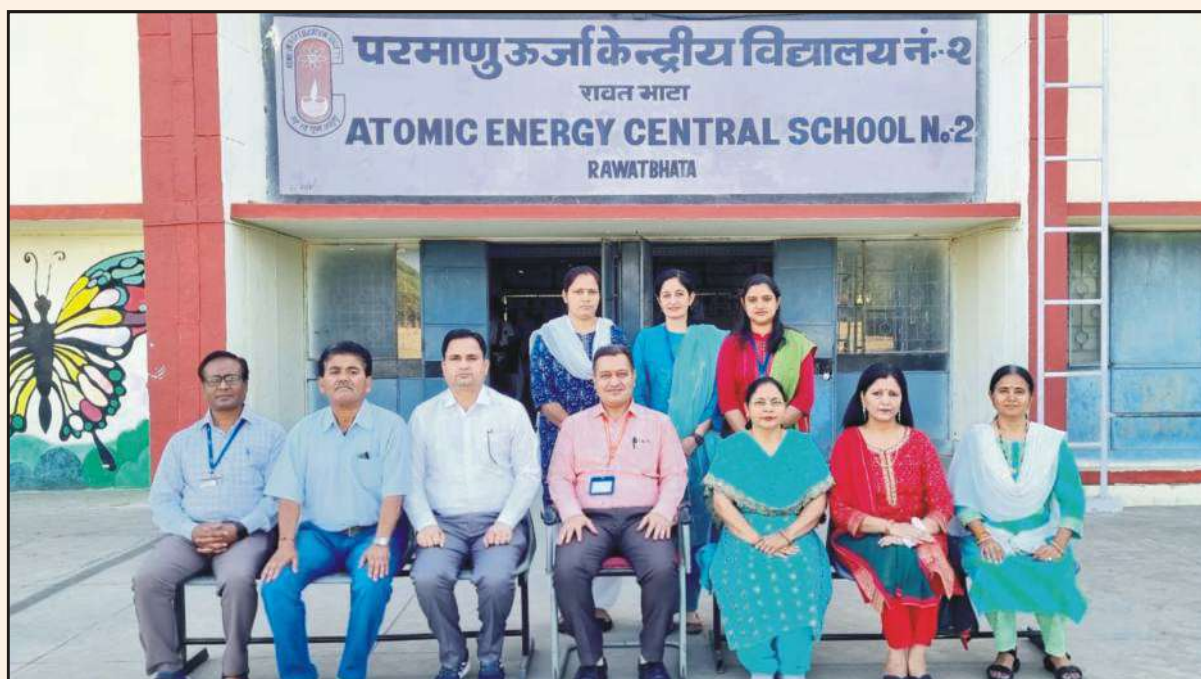
■ Editor in Chief ■

Shri Lokesh Joshi
Principal, AECS-2,
Rawatbhata

■ Editors ■

Shri M.S. Dhaka, TGT (SS) (I/C)
Smt Ratnanjali Bijolia, PRT (SS)
Smt Sukhdeep Pant (PRT)
Smt Nirmala Meena, TGT (SS)
Shri Narendra Singh, TGT (SS)
Smt Pramila Chaturvedi, PRT (SS)

Smt Sarita, PRT (SS)
Smt Yashoda Kucheria, PRT (SS)
Ms. Sangeeta Prakash, TGT (Art)
Shri R.K. Ahire, TGT (SS)
Smt. Sunita Kumari, PRT





परमाणु ऊर्जा शिक्षण संस्था
(भारत सरकार के परमाणु ऊर्जा विभाग का स्वायत्त निकाय)
ATOMIC ENERGY EDUCATION SOCIETY
(An Autonomous Body Under Department of Atomic Energy, Govt. of India)



रणजित कुमार
अध्यक्ष

RANAJIT KUMAR
Chairman

MESSAGE



Dear Students, Parents and Teachers and all Stake Holders,

With great pride and joy, School Magazine ASCENT present to you the vibrant tapestry of achievements, aspirations and values that define our school AECS-2, Rawatbhata in this edition of our magazine.

As you all delve into the pages of academic excellence, we celebrate the unwavering dedication of our students and educators, whose relentless pursuit of knowledge continues to illuminate our path towards greatness. With each milestone reached and each challenge conquered, we reaffirm our commitment to fostering a culture of intellectual curiosity and scholarly pursuit.

Amidst our academic endeavors, let us not forget the sacred bond we share with nature, our cherished home. In every leaf that rustles and every stream that flows; we find inspiration to nurture and protect the precious gifts bestowed upon us by Mother Earth. Let us pledge to be stewards of the environment, cultivating a spirit of conservation and sustainability for generations to come.

Furthermore, as proud citizens of our beloved country, we honor the rich fabric of our heritage, diversity and traditions. Rooted in the timeless wisdom of Vedic culture, we draw strength from our values of compassion, integrity and unity. Let us uphold these values as guiding beacons, lighting the way towards a future filled with promise and prosperity.

In this edition of our magazine, may you find not only stories of achievement but also moments of reflection and inspiration. Let us continue to strive for excellence, to cherish the beauty of nature and to honor the profound legacy of our Vedic heritage.

Thank you for being an integral part of our journey towards greatness.

नहि ज्ञानेन सदृशं पवित्रमिह विद्यते। ज्ञान से बढ़कर इस संसार में कुछ भी पवित्र नहीं है।

Warm regards with deiform blessings


(RANAJIT KUMAR)

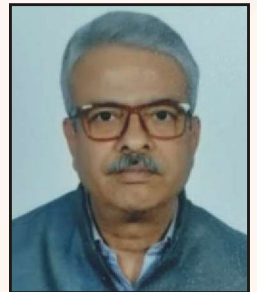


परमाणु ऊर्जा शिक्षण संस्था
(परमाणु ऊर्जा विभाग का स्वायत्त निकाय, भारत सरकार)
ATOMIC ENERGY EDUCATION SOCIETY
(An Autonomous Body Under Department of Atomic Energy, Government of India)



एस के लाहिरी
सचिव

S K Lahiri
Secretary



MESSAGE

Education plays a pivotal role in shaping the society towards fulfilment of its roles and responsibilities in the nation building. Educational institutes are the tools in this process. It gives me immense pleasure to learn that Atomic Energy Central School No. 2, Raxwatbhata is bringing out its annual magazine "ASCEN'T". The school magazine provides an opportunity to highlight the outstanding achievements of the students not only in academics but also in other co-curricular activities. It also brings out the various school activities and events during the academic calendar of the school, AECS No. 2, Raxwatbhata has proved its credibility time and again and has shown good progress in academics, co-curricular activities, sports, duties towards environment and imparting moral values and life skills.

The school magazine will show the creativity and innovative spirit of the students, teachers and management through reports of school activities, articles, stories, poems, riddles, art work etc. I convey my best wishes for the success of "ASCEN'T" and congratulate one and all involved in bringing out a quality magazine.

Shanta Kharshi

(S K Lahiri)



न्यूक्लियर पावर कारपोरेशन ऑफ इण्डिया लिमिटेड
NUCLEAR POWER CORPORATION OF INDIA LIMITED

(भारत सरकार का उद्यम) (A Government of India Enterprise)

रावतभाटा राजस्थान साइट Rawatbhata Rajasthan Site

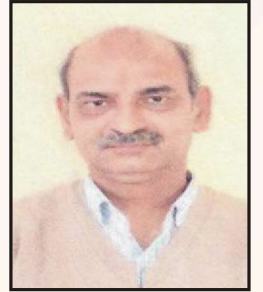
डाक : अणुशक्ति, वाया : कोटा (राज.) PO: Anushakti-323303 Via : Kota (Raj.)

फोन : 01475-242101, फैक्स : 01475-242190, ईमेल : sunilgadgil@npcil.co.in



सुनील गाडगिल,

स्थल निदेशक और उत्कृष्ट वैज्ञानिक,
आर आर साइट एवं
अध्यक्ष, स्थानीय प्रबंधन समिति,
परमाणु ऊर्जा केंद्रीय विद्यालय, रावतभाटा



संदेश

मुझे यह जानकर बेहद प्रसन्नता हो रही है कि परमाणु ऊर्जा केंद्रीय विद्यालय क्रमांक 2, रावतभाटा अपनी पत्रिका 'ASCENT' के नवीनतम अंक प्रकाशित कर रहा है।

किसी विद्यालय की पत्रिका विद्यालय के विभिन्न क्रियाकलापों एवं उपलब्धियों का प्रतिबिम्ब होती है। यह न सिर्फ भविष्य के लिए महत्वपूर्ण संदर्भ बिंदु होती है बल्कि विद्यार्थियों की सर्जनात्मकता को बढ़ाने का एक महत्वपूर्ण साधन भी होती है। यह विद्यार्थियों को कविता, आलेखों, कहानियों, चित्रों, पहेलियों इत्यादि के माध्यम से अपना अनुभव उकेरने के लिए एक विशाल पटल (केनवास) उपलब्ध करवाती है। बच्चों में असीम क्षमताएं होती हैं और शैक्षिक संस्थानों को उनकी प्रतिभा का ईष्टतम प्रदर्शित करने का अवसर प्रदान करने का हर संभव प्रयास करना चाहिए।

परमाणु ऊर्जा केंद्रीय विद्यालय क्रमांक 2, रावतभाटा ने स्वयं को छात्रों एवं अभिभावकों के समक्ष एक सम्मानजनक संस्थान के रूप में स्थापित किया है। हमारा विद्यालय अपने विद्यार्थियों को न केवल अकादमिक क्षेत्र का ज्ञान प्रदान कर बल्कि पाठ्यसहगामी क्रियाकलापों, खेलों, नैतिक मूल्यों एवं 21वीं सदी के कौशल प्रदान कर उनके सौहादपूर्ण विकास को सुनिश्चित करने के लिए प्रतिबद्ध है।

मैं, प्रधानाचार्य एवं स्टाफ को 'ASCENT' पत्रिका प्रकाशित करने के लिए उनके प्रयास हेतु शुभकामनाएं देता हूँ। मैं आशा करता हूँ कि हमारा विद्यालय और अधिक शानदार उपलब्धियां प्राप्त करें और प्रबंधन, अभिभावकों एवं विद्यार्थियों को गर्व का अहसास कराएं।

सुनील गाडगिल

(सुनील गाडगिल)



■ MESSAGE ■

Our commitment at Atomic Energy Central School No. 2, Rawatbhata is to provide a safe and intellectually challenging environment that will empower students to become innovative thinkers, creative problem solvers and inspired learners prepared to thrive in the twenty-first century.

As we proudly present our school magazine ASCENT, we are glad to highlight achievements that include - Academics, Co-Curricular activities and Sports during the year 2023-24.

At AEC School No. 2 Rawatbhata, the educational community strives for excellence by preparing students for learning beyond their school years and assisting them to become lifelong learners, as well as helping them to be self-directed, realistic, and responsible decision makers when solving problems that they will encounter in our multicultural, ever-changing world. Ultimately, each learner will gain from the life at school according to the effort they apply.

The Central Board of Secondary Education curriculum emphasizes the acquisition of knowledge, understanding, critical thinking, and problem-solving abilities for students. We believe that every learner is unique and special and that they all have the ability to learn. We believe it is our responsibility as educators to nurture and develop every learner to prepare them for life. Learners are continually encouraged to appreciate our diverse community and to care for others by becoming global citizens, and develop a concern and active respect for the environment. We believe in 4 C'S (C - Conscious, C - Concern, C-Competency, C-Commitment).

We continue our ascent towards success by asking more of ourselves today, tomorrow and forever. Accepting Henry Ford's words: "Life begins with one step outside of your comfort zone", the School aspires to create a symphony in the hearts of its young pupils, such that all the students recognize their talent, follow their passion, soar high and achieve milestones.

Please feel free to write to us for upgrading our school magazine 'ASCENT'.


Lokesh Joshi
 Principal

Our Achievements-Academics:

The reputation of any educational institution lies largely upon the performance in academic realm. It is needless to mention that our school has been performing excellently well both in curricular and co-curricular activities since the date of inception. Excellence in academics provides a firm foundation for the development of other qualities. Our endeavour to arrive at new feat of excellence is possible due to the diligent teaching staff, hard working students and caring parents.

In the session 2022-23 the result of the 10th Board was marvellous with quality Index 7.19 and Excellence Index 72.1 and 95.3 Pass Percentage. Five students of our school got more than 90 percent. The top three rankers were, Anusha Yadav, Dishita Raj and Anshuman Tiwari with 95.2, 95 and 93.6 percentage respectively. Honourable Principal and staff members gave their blessings to the students. It's a great honour for our school to achieve such a nice result.

The first three toppers are:



Anusha Yadav
Class X, 95.2%



Dishita Raj
Class X, 95%



Anshuman Tiwari
Class X, 93.8%

Subject wise Toppers:

| S.No. | Subject | Name of the student | Marks |
|-------|-------------------------|------------------------|---------|
| 1. | English | Master Anshuman Tiwari | 97/100 |
| 2. | Hindi | Miss Dishita Raj | 94/100 |
| | | Miss Sonakshi Pandey | 94/100 |
| 3. | Mathematics | Miss Dishita Raj | 98/100 |
| 4. | Science | Miss Anusha Yadav | 98/100 |
| 5. | Social Science | Miss Dishita Raj | 98/100 |
| | | Master Anshuman Tiwari | 98/100 |
| 6. | Artificial intelligence | Master Anshuman Tiwari | 100/100 |
| | | Miss Ishita Kamal | 100/100 |
| | | Miss Hrishika | 100/100 |

A1 Grades in Primary Section:

A total number of 18 students of Primary section secured **Over All-A1 Grade** in all the four subjects.

JSO/JMO Orientation Programme :

Master Armaan Ekka of class -X attended JSO/ JMO Orientation programme held at Mumbai from 4th June 2023 to 14th June 2023. For this Programme 60 students were selected from all the AEC Schools across India.

School Level Science, Social Science & Mathematics Exhibition:

Science, social science, mathematics and teaching aids exhibition was conducted on 30th June 2023 in our school. Shri Sharat Kumar, Outstanding Scientist and Project Director RAPP 7 & 8, was the chief guest and Smt. Rimjhim Ranjan was the Guest of Honour. At the very beginning of the program Honourable Principal, Sh. Lokesh Joshi, welcomed the chief guest and the judges and briefed them about the exhibition. He said that the aim of the exhibition was to bring out the creative potential of the students and to provide them a platform to exhibit their talent. The honorable Chief Guest, Sh. Sharat Kumar, addressed the participants and applauded their efforts and said that today's age is the age of technology and there is a paradigm shift going on in all spheres of learning and definitely today we have more learning opportunities than we had a decade ago; so students should leave no stone unturned in order to reach the zenith.

After the inaugural address, Sh. Sharat Kumar and Smt. Rimjhim Ranjan, along with the judges, declared the exhibition open and inspected the exhibits and interacted with the students. The students' creative work was appreciated by the honorable guests and the judges.

This year, more than 300 students participated in this exhibition in various categories which are as-

- i) Primary EVS (Class III-V) - 33 projects
- ii) Primary Mathematics - 25 projects
- iii) Secondary Science - 58 projects
- iv) Secondary Mathematics - 37 projects
- v) Secondary Social Science - 27 projects

In the evening, the exhibition was opened for the non-participants, parents and visitors.





All India Inter A.E.C.S/JC Science, Social Science, Mathematics and Teaching Aids Exhibition 2023:

All India Inter AECS/JC Science, Social Science, Mathematics and Teaching Aids Exhibition was held at A.E.C.S Jaduguda on 21st and 22nd November 2023. Three students exhibited their projects in this exhibition.

- Master Subham of class X exhibited Maths project under the subtheme - Computational Thinking.
- Miss Gargi Malik of class X exhibited her project under the subtheme- Communication and Transport.
- Miss Khushi of class IX exhibited her project under the subtheme- Health.

Zonal Level Hindi Debate and GK Quiz Competition

Zonal level Hindi Debate and GK quiz was conducted at AECS Kakrapar on 26th and 27th August 2023 respectively. Tejas Choudhary and Gargi Malik of class X represented the school in Zonal level Hindi Debate and K. Akshya and Chetan Lonare of class VIII represented the school in Zonal level Quiz. In both these competitions our school stood at third position. There were 6 teams, that of AECS Narora, AECS Indore, AECS Kakrapar, AECS NO 2,3 &4, Rawatbhata.

All India Inter AEES Art Competition 2023:

All India Inter AEES Art Competition 2023 was held on 1st December 2023. All the students from classes Balvatika 1 to class 10 participated in it.



All India Inter AECS Cultural Meet (Music):

All India Inter AECS Cultural Meet (Music) was held at AECS No.4, Mumbai from 04th October 2023 to 7th October 2023. Ten students of our school participated in it. The participant students were Hanshal, Vaibhav Bunkar, Nistha Radodiya, Vanshika Rathore, Drishti Sharma, Unnati Rao, Ananya Singh, Vinit Deepak Gedam, Krishna Charan and Anus Husain.



INSPIRE- MANAK Awards:

“Innovation in Science Pursuit for Inspired Research” (INSPIRE) scheme is one of the flagship programmes of Department of Science and Technology (DST), Government of India. The INSPIRE Awards - MANAK (Million Minds Augmenting National Aspirations and Knowledge), being executed by DST with National Innovation Foundation -India (NIF).

Khushi of class IX represented our school in 10th National Level Exhibition and Project Competition (NLEPC) held at New Delhi from 9th to 11th October 2023.

The title of Khushi’s project was “Autonomous Medicine Supplying Drone”. Her project was selected at District Level Exhibition and Project Competition (DLEPC) where she got cash award of Rupees ten thousand (10,000/-). Then she represented her project at State Level Exhibition and Project Competition (SLEPC) from where her project was selected for National Level Exhibition and Project Competition (NLEPC). It is a matter of great pride for our school.





Bharat Vikash Parishad National Group Song Competition:

The branch level national group song competition of Bharat Vikas Parishad, Rawatbhata was held on Tuesday, 17th October 2023 at Adarsh Vidhya Mandir school premises, near Manav Mandir. Eight students of our school participated in this programme and got 1st prize. These students participated in the state level competition held at Kota on 21st October 2023.

BEE - State Level Painting Competition on Energy Conservation :

Miss Kristina Verma of Class 7th got selected for State Level in the painting competition conducted by Bureau of Energy Efficiency. By virtue of this she participated in the State Level Painting Competition held at Jaipur on 24th November 2023. She was awarded a certificate and 2,000 Rupees.



Miss Kristina Verma Class 7th

Our Splendid Performance in NCC:

NCC Air Wing Cadets Tejas Chaudhary, Subham Kumar and Aarshi Chouhan got Cadet welfare scholarship of Rs 6000/- each from 7 Raj Air Sqn. NCC, Kota under the guidance and leadership of Third NCC Officer Dr. A.H. Khan. The Principal and the staff congratulated the students on their splendid achievement.

Achievements in Sports:

1. Bhumika Panchal of class 6th got 1st position in District Level Table Tennis Individual Championship held at Chittorgarh & got selected for the State Level.
2. Rohini Meena of class 5th got 1st position in District Level Badminton Individual Championship held at Chittorgarh. She also participated in State Sub Junior Mini Badminton Championship.
3. Aishvarya Bootauliya of class 10th got 2nd position in under 17 years Table Tennis District Level Individual Championship held at Chittorgarh and also participated in State Level Table Tennis Tournament held at Ajmer.
4. Aishvarya Bootauliya of class 10th, Parth Singh Sekhawat of class 9th and Yuvraj Meena of class 10th



got 2nd position in under 17 years District Level Table Tennis Team Championship held at Chittorgarh.

5. Under 14 years boys Volleyball team reached up to quarter final in All India Inter AECS Volleyball tournament held at Narora.
6. Under 14 years girls Volleyball team participated in All India Inter AECS Volleyball tournament held at Narora.



Other Competitive Examinations:

■ Green Olympiad:

Green Olympiad is an exam conducted by The Energy Resources Institute (TERI) to create awareness about environment among school children. This exam is conducted for students from classes 4 to 12. This year total 29 students appeared in this exam on 12th October 2023. Result is awaited.

■ Vidyarthi Vigyan Manthan (VVM):

VVM is a national program for popularizing science among school students of standard 6 to 11. VVM is supported by Vijnana Bharati, VIBHA, Vigyan Prasar, and N.C.E.R.T. This is India's largest science talent search examination for new India using digital devices as well as the innovative open book exam pattern. This year 12 students from classes 6 to 10 appeared in VVM online on 30th October 2023. Result is awaited.

■ National Standard Examination in Junior Science(NSEJS):

NSEJS was conducted in our school on 26th November 2023. Total 18 students of classes VIII to X appeared in this exam organized by Indian Association of Physics Teachers(IAPT). Results are awaited.

Fire Service Week Art Competition 2023 :

Fire service week art Competition was conducted on 20th April 2023. School level competitions are about more than just participation and winning prizes; they can play a major role in uncovering and nurturing natural talents of the students. This is especially true of the art competitions where the students find a platform to display their creative and artistic abilities; for children and teenager, this can often have a life -changing effect.

CBSE Science Challenge 2023:

CBSE Science challenge 2023 was conducted by CBSE for the students of classes 8th to 10th. 41 students of our school participated in this event. Result is awaited.

Aryabhata Ganit Challenge:

The first level exam of Aryabhata Ganit challenge was conducted in our school on 29th August 2023. It is conducted every year by CBSE. Fifty students appeared in this exam and out of these three students Aishvarya Bootauliya, Neetu Meena, and Smriti Gupta of class X qualified for the next level. This competition is conducted for classes 8th, 9th, and 10th. The second stage exam was conducted on 3rd October 2023.



Wild Wisdom Global Challenge-2023:

Wild wisdom global challenge was Conducted in our school on 21st August 2023. The Theme of the challenge was 'Birds of the world'. On the basis of first level 30 students got selected and participated in second level conducted online between 7th to 13th October 2023. WW Global challenge is an attempt to provide a unique opportunity for students to delve deeper into amazing wildlife, gain knowledge and take pride in its natural diversity. This initiative aims to instill a sense of concern for natural world and inspire our students to demonstrate their concern for the conservation of our biodiversity.



Other Highlights of the Year:

Orientation Programme for Balvatika:

It was conducted to make the tiny tots ready to join our school. Parents were invited and welcomed by the school for upcoming session 2023-24.

Welcoming the students of Balvatika 1, 2 & 3:

As per the New Education Policy (NEP 2020), AEES has adopted the new system of Primary Education instead of Pre-Prep and Prep classes, The Balvatika 1, 2 & 3 have been started from this session. Children and their parents were wholeheartedly welcomed by the Principal, HM and Prep teacher to make their first day at school a memorable one on the following days-

- Balvatika 2 - 1st April 2023
- Balvatika 1 - 10th April 2023
- Balvatika 3 - 20th June 2023



Campus Decoration Activity:

The walls of school were painted and decorated under the able guidance of our Ex Art-teacher Sh. Amol Tote in the first week of April.



Ambedkar Jayanti:

Ambedkar Jayanti was wholeheartedly celebrated in our school on 13th April 2023. On this occasion, the school paid tribute to the architect of our constitution Dr. B.R. Ambedkar. First of all as usual our school had the prayer and then the program began by garlanding the portrait of Dr. B.R. Ambedkar by our school's Principal Sh. Lokesh Joshi and Headmaster Sh. Pawan Kumar. Alziya of class X delivered a speech on this occasion. A student from class VI recited a very beautiful poem in adoration of Dr. B.R.



Ambedkar. Sh. Narendra Singh, TGT [SS] delivered a speech and acquainted students about the life and achievements of Dr. B.R. Ambedkar. Principal Shri Lokesh Joshi said that Dr. B.R. Ambedkar was a great visionary and global icon and it was due to the visionary thinking of Dr. B.R. Ambedkar that our country is enjoying the benefits of democracy and fundamental rights, and he further added that children should follow his footsteps in order to be successful human beings in their lives.

World Art Day:

It took place on April 15th to honour the contributions of artists and promote the importance of art in our lives. The World Art Day's theme was 'Art is good for health'.



World Environment Day

World Environment Day was celebrated on 5th June 2023. This year's theme was 'Solutions to plastic pollution' under the campaign # Beat



Plastic Pollution. The campaign draws our attention towards playing our role effectively while living in perfect harmony with Mother Nature - without proving a burden on it. School organized a program to celebrate World Environment Day during the summer vacation. Principal, some of the teachers and students participated in it with full enthusiasm. The aim behind this programme was to create awareness among people about keeping the environment clean and safe. A tree plantation drive and painting competition was conducted on this day.

International Yoga Day:

International Yoga Day was celebrated in our school on 21st June 2023 with great zeal and enthusiasm. The students and the staff members enthusiastically participated in it. In the beginning of the programme Principal Shri Lokesh Joshi welcomed the Guest, Shri Radheshyam, under whose expert guidance the students and staff members performed yoga asanas. The Principal also briefed the students about the importance of Yoga. He said that Yoga is very important for a healthy life and we should make it an indispensable part of our day today routine. Shri Radheshyam, the Yoga Instructor started the programme with the yoga prayer. He acquainted students about the importance of different yoga asanas and breathing exercises and demonstrated them. The students and the staff performed the

yoga asanas enthusiastically under his supervision and guidance. It was a very informative, exciting and enriching yoga session and all the participants highly enjoyed it and wholeheartedly participated. The programme came to an end with yoga oath administered by the yoga instructor which emphasized on the rightful action of an individual for the common good of society and the entire mankind.



Investiture Ceremony:

“A leader Is One Who Knows the Way, Goes the Way, and shows the Way”.

The most auspicious ceremonial occasion of the school, Investiture Ceremony was conducted on 21st July 2023. The Investiture Ceremony is one of the momentous occasions when the school entrusts hope, faith and the mantle of responsibility in the newly appointed school cabinet. The Chief Guest Shri. S.K. Gupta, Associate Director (E and US) RAPP, and the Guest of Honour Smt. Dimpay Gupta graced the occasion with their benign presence. Honourable chief Guest and guest of Honour were welcomed by Principal Shri Lokesh Joshi. The function commenced with the regular morning assembly. The school apex body members and house appointees were conferred with badges and sashes and then they took the oath to uphold the school's dignity, discipline and decorum. This ceremony signifies the reliance and confidence that the school bestows in the newly appointed office bearers. All the students attended the ceremony with full zeal, zest and enthusiasm.



Plantation Drive held at School:

A Plantation Drive was conducted in the school on 31st July 2023 in accordance with CBSE'S "One Child-One Plant Campaign". The children were asked to bring a sapling from their home and plant it in the school premises or either at their home. The students and staff members enthusiastically participated in the campaign in order to shoulder their responsibility for the protection of Mother Nature.

Trees are the most benevolent givers in nature, playing an extremely important role in giving and sustaining life as a whole, thus maintaining a balance in the eco-system. They are the caretaker not only of the environment but of the whole mankind. This fact makes us aware that it is crucial for us to understand how much significant trees are to life on earth. What can we do to counter the rising issues of their depleting numbers? Promoting tree plantation can be considered a very fulfilling and fruitful activity for the issue in order to facilitate afforestation and thus green cover.



Innovative Play Activity:

It has rightly been said, “Play is the engine of real learning”. On 22nd July 2023 parents of the students of Balvatika 2, were invited to the school along with their wards. Parents were provided an opportunity to participate in the play way activity with their wards in the presence of the Principal, HM & Prep teacher. That scene was amazing when all had a childish smile on their faces.

India Space Week:

India Space Week was celebrated for the first time in our school with full zeal and enthusiasm from 14th August 2023 to August 18th August 2023. Many activities such as colouring, quiz, speech, essay writing etc. were conducted to develop the interest of students in getting knowledge about celestial bodies. On 14th August 2023 Drawing and Poster Competition was organised. On 16th August 2023 speech and essay writing competition was conducted. On 17th August 2023, a documentary was shown followed by a quiz session. Class II children performed the role plays of rockets, moon, sun, astronauts & Chandrayaan. Closing ceremony was conducted on 18th August 2023, Winners were awarded by the Principal, Headmaster and some of the teachers for encouragement.



Sadbhavna Diwas:

The birth anniversary of Late Prime Minister Shri Rajiv Gandhi on 20th August is observed as “Sadbhavna Diwas” every year. Staff members and students took the Sadbhavna pledge in order to keep harmony in the society. The pledge was administered by Principal Shri Lokesh Joshi. Miss Aarzoo Kumari, PRT delivered a speech in the morning assembly emphasizing the importance of Sadbhavna.



Teachers' Day:

Teachers' Day was celebrated on 5th Sep. 2023, to commemorate the birth anniversary of Dr. Sarvapalli Radhakrishnan, a great teacher, scholar, thinker and the second president of our country. With due respect, the school paid homage to Dr. S. Radha Krishnan, the icon of every teacher. On this occasion students cherished the contributions of teachers in shaping their lives by presenting speeches, songs and also by arranging some fun activities.



Rajbhasha Hindi Pakhwada Celebration-2023:

As Hindi is the National language of our country, in order to promote and spread this language and make it popular, Hindi Pakhwada was celebrated from 14th September 2023 to 28th September 2023. A number of activities were conducted for the students and staff such as poster & slogan competition, calligraphy competition, essay writing competition, self-composed poetry competition, speech competition, poetry recitation etc. All the staff members and students wholeheartedly participated in these competitions.



Swachhata Hi Seva Campaign:

"Swachhata Hi Seva Campaign" was undertaken in our school from 22nd September 2023 to 2nd October 2023. This programme was intended to make students aware about the importance of cleanliness and to make the society aware at large. Various activities such as swachhata pledge, street plays, slogan / poster competitions, swachhata rally, say no to plastic campaign etc. were conducted to deliver the message of cleanliness. One student from each class excluding the class monitor was nominated as the member of the school's sanitation club and these students were assigned the task to ensure cleanliness of their respective classes. A power point presentation on the topic "Waste management and waste to wealth" was also shown to students in order to aware them regarding effective waste management. Prep children prepared paper bags under the guidance of Art teacher Miss Sangeeta Prakash. Teachers and students visited school on October 1st despite it being a Sunday and undertook a cleanliness drive within the school premises. The last day of the programme was observed as Gandhi Jayanti. The theme of this year's Swachhata Hi Seva Campaign was 'Garbage Free India'.



Gandhi Jayanti:

Gandhi and Shastri Jayanti were celebrated in our school with great enthusiasm and zeal on 2nd October 2023. At the very beginning of the program, tribute was paid to both the great sons of mother India by garlanding their portraits by honourable Principal Sh. Lokesh Joshi and Head Master Sh. Pawan Kumar. On this occasion Gandhi Ji's favourite bhajans were sung by a group of students accompanied by Sh. Rohitashv Gautam, PRT Music. Viashnavi Dixit and Kinjal Patil of class 8th delivered speeches on Gandhi ji and Shastri Ji respectively. Sh. M.S. Dhaka, TGT (SS) coordinated the programme and acquainted students with the life and history of the Gandhi Ji and Shastri Ji. Honourable Principal addressed the gathering and said that Gandhi Ji and Shastri Ji were the great sons of mother India and students should follow their ideology.



Mental Health Week:

Mental Health week was observed in our school during the second week of October. Certain programmes were conducted during this week in order to aware students regarding the mental health. A speech was delivered on the very first day by Anusha Kandulna of class VIIIA. On the second day a speech was delivered by Anusha Deodhar of class VIIIA. Students gave the message of the importance of a sound mental health through thoughts, poems etc. Students were taught about the importance of yoga and gratitude in ensuring a good mental health. Gratitude boards and positivity boards were made and displayed in the school auditorium in order to aware students and the visitors about the importance of mental well-being.



Vigilance Awareness Week 2023:

Vigilance Awareness Week was observed in our School from 30th October 2023 to 4th November 2023. On the very first day Integrity pledge was taken by the staff and the students. The pledge was administered by Head Master Pawan Kumar. Principal Shri Lokesh Joshi delivered a talk on the importance of vigilance awareness in order to root out corruption from society. On 31st October 2023, the birth anniversary of Iron Man Sardar Vallabhbhai Patel was observed as National Unity Day. The program commenced by garlanding the portrait of Sardar Vallabhbhai Patel by the honourable Principal Shri Lokesh Joshi and Head Master Shri Pawan Kumar. Aarav



Godara of Class-VIII delivered a speech about the life and achievements of Sardar Vallabhbhai Patel. Miss Aarzoo Kumari, PRT, acquainted students about the bad effects of corruption and importance of vigilance awareness.

On 2nd October 2023, Surabhi of class VIII delivered a speech on vigilance awareness and anti-corruption posters made by students were displayed. On 3rd October 2023, a quiz on vigilance awareness was conducted in which K. Akshaya of class VIII asked the questions. Thought of the day was also based on the vigilance awareness theme. On 4th October 2023, a role play was presented in the assembly by the students of class IV under the guidance of Smt. Ratanajali Bijolia, PRT (SS) and



Shri Rohitashv Gautam, PRT Music. A concluding speech was delivered by Shri M.S. Dhaka, TGT (SS).

Earlier on 17th October 2023 certain activities such as essay writing, slogan and drawing poster competition were conducted in the school as per the directives of RR Site, Rawatbhata. The students were divided in three groups for these activities. For classes 9th and 10th Essay writing competition was conducted. For classes 6th to 8th Slogan writing was conducted and for classes 3rd to 5th Poster

Drawing Competition was conducted. The competition was bilingual and students were free to opt from either Hindi or English as the medium of expression. The theme of the Competition was, "Say No to Corruption; Commit to the Nation". Thirty-two students participated in the essay competition; sixty-two students participated in slogan competition and sixty-seven students participated in the poster making competition.

National Unity Day:

The birth anniversary of Iron Man Sardar Vallabhbhai Patel was celebrated as National Unity Day in our school on 31st October 2023. The program commenced by garlanding the portrait of Sardar Vallabhbhai Patel by the honourable Principal Shri Lokesh Joshi and Head Master Shri Pawan Kumar. Aarav Godara of Class-VIII delivered a speech about the life and achievements of Sardar Vallabhbhai Patel. Miss Aarzoo Kumari, PRT, acquainted students about the bad effects of corruption and importance of vigilance awareness.



National Association of Disabled's Enterprises:

National Association of Disabled's Enterprises strive for the welfare of the disabled children. It is indeed a matter of great satisfaction that our school's students and staff members contributed generously. We must appreciate the parents for their contribution. A total collection of Rs. 15310/- was sent to the same by our school in the month of October 2023.

Communal Harmony Campaign Week & Flag Day:

The National Foundation for Communal Harmony (NFCH) observes Communal Harmony Campaign and Fund-Raising Week every year from 19th November to 25th November and the last working day of the week is observed as Flag Day. We observed the Communal Harmony, National Integration week & Flag Day in our school. Flag Day was observed on 25th November 2023, during which teachers and students participated enthusiastically and donated generously for the noble cause. A total collection of Rs. 5630/- was made and a D.D. was sent to the Secretary, National Foundation for Communal Harmony, New Delhi.

Annual Day Celebration:

The school conducted its 39th Annual Day "EUPHORIA" on 16th December 2023. Shri Sunil Gadgil, Site Director, RR site, NPCIL & Chairman, LMC, AEC Schools, Rawatbhata, was the Chief Guest and Dr. (Smt.)



Anjali Gadgil, Medical Superintendent, RAPS Hospital, was the Guest of Honour. The other dignitaries who graced the occasion were Shri Sandesh Rai, Vice Principal, AECS No.3, Rawatbhata, Shri Mukund Deodhar, Vice Principal, AECS No.4, Rawatbhata and Shri Pawan Kumar, Head Master, AECS No.4, Rawatbhata. The function began with the lighting of lamp. Principal Shri Lokesh Joshi

presented the annual report of this session. Academic prize winners of the session 2022-23 and Winner houses of CCA and Sports for the session 2023-24 were honoured by the honourable dignitaries. A mesmerizing and spectacular presentation of a wide range of cultural performances set the further course of the programme.



CCA Day Celebration

The CCA Prize Distribution Day was conducted on 20th December 2023. Shri L.S. Dixit, Technical Services Superintendent (RAPS-1 & 2) was the Chief Guest and Smt. Alka Dixit, was the Guest of Honour for the day. At the very beginning of the programme Principal Shri Lokesh Joshi welcomed the honourable dignitaries and briefed about the different co-curricular activities conducted throughout the year. CCA In-charge Sh. M.S. Dhaka, TGT (SS) presented the CCA report. On this occasion 219 prize

winners were honoured by the honourable Chief Guest and the Guest of Honour. The CCA Prizes were in the form of trophies, pen and merit certificates. Honourable Chief Guest congratulated the prize winners and motivated the students to take more and more part in these activities and sharpen their skills.



Voters' Awareness Campaign:

Voters' awareness campaign commenced in AECS No.2, Rawatbhata from 25th January 2024 with the observance of 'National Voters Day' and remained continued up to 29th January 2024.

On 25th January 2024 the National Voters Day was observed and a speech was given by Shri Prem Kumar Suthar, TGT in the morning assembly. He enlightened the students about universal adult franchise, role of political parties, election manifesto and importance of vote in a democratic country.



On 27th January 2024 Ammar of class VIII delivered a speech in the morning assembly and acquainted students about the importance of vote and why the voting percentage should be increased and what points we should keep into mind before casting our vote. On the same day a mock poll was conducted in the school. At the very beginning of the programme Principal Shri Lokesh Joshi briefed students about democracy and said that the success of a democracy depends upon the vigilant voters, so in order to deepen our democratic system we should make our voters more and more vigilant. He asked the students to aware their parents and neighborhood about the importance of voting and motivate them to cast their vote in the forthcoming Loksabha elections. Thereafter a mock poll was conducted in the school and class 9th students were acquainted about the voting process by Shri M.S. Dhaka, TGT (SS). The students were briefed about the election process, voting machine, polling parties, polling station etc. and what role is played by the Presiding officer, polling officers, election agents etc. in the election process.



On 29th January 2024 a speech was given by Anshika Vashishtha of class VIIIth in the morning assembly and she also informed students about the importance of voting and election manifesto and what points we should keep in mind before casting our vote.

Sports Day:

Sports Day was conducted on 9th February 2024. The Chief Guest of the function was Shri P. K. Gupta, Chief Engineer (QA) RR Site, NPCIL, Rawatbhata and Smt. Suman Gupta was the Guest of Honour. The programme began with the regular morning assembly. Principal Shri Lokesh Joshi welcomed the honorable Chief Guest and the Guest of Honour and briefed them about the different Sports activities conducted during the year. Sports In-Charge Dr. A.H. Khan presented the Sports Report. The prizes were in the form of certificates and trophies. The honourable Chief Guest congratulated the prize winners and motivated them to always remain on the forefront and make the best use of the opportunities provided to them in order to make a best version of themselves with every successive day.



Road Safety Week:

Road Safety Week was observed in our school in order to aware students and the staff members regarding road safety. Road safety is very important because every year a number of accidents



take place due to negligence of road safety. In this regard a demonstration of road safety slogans was made by the students of class VIII in the morning assembly emphasizing the key aspects of road safety. Road safety pledge was also taken by the students and staff in Hindi and English both. The pledge was administered by Dr. A.H. Khan, TGT (SS) PET. Earlier an online road safety pledge was also taken by the



staff on 11th February 2024. A display of the road safety posters was made in the school auditorium in order to aware the students and visitors regarding the road safety. Principal Shri Lokesh Joshi addressed the assembly and said that students should understand the importance of road safety and guide others also about road safety.

Farewell to Class X:

Class X was bid farewell on 12th February 2024. On this occasion a very nice cultural programme was presented by class IX students. Principal Shri Lokesh Joshi motivated the students to leave no stone unturned in their preparation for exam. The Class X, outgoing students shared their emotions and recalled the fond memories of their study tenure in the school. Shri Sunil Kumar Yadav, TGT (SS) and Smt. Ratnanjali Bijolia, PRT (SS) addressed the students and wished them all the best for their journey ahead and guided them for scoring better marks in exams.



Participation in the State Wide Mass Surya Namaskar Programme:

A Surya Namaskar Programme was conducted in the school on 15th February 2024 as per the instructions of the Department of Education, Government of Rajasthan. The Surya Namaskar was



performed synchronously across all government and non-government schools of Rajasthan between 10:30 am and 11:00 am. A world record was made by the state government regarding the mass practicing of Surya namaskar on this day. Earlier a rigorous practice was provided to both the staff members and students for the Surya Namaskar by Dr. A.H. Khan, TGT (SS), PET and Smt. Ranjana Yadav,



TGT, PET. Principal Shri Lokesh Joshi addressed the students and staff on this occasion and said that Surya Namaskar is a simple yet effective way to maintain a healthy body and healthy mind and practicing it on regular basis we can ensure overall fitness.

AEES Foundation Day:

The 55th AEES foundation day was celebrated with a lot of enthusiasm and fanfare on 21st February 2024 at the school premises. Four alumni of AECS-2, Rawatbhata, Dr. Kuldeep Singh (Dental Surgeon), Shri Sanjay Kandpal, Scientific Officer-E, Shri D.K. Ravikul, Scientific Assistant and Shri Brijesh Pant,



Technical Assistant were invited to grace the occasion. The programme started with the invocation of "Maa Saraswati" and lighting of the lamp. Principal Shri Lokesh Joshi delivered the welcome speech and gave a warm welcome to the distinguished alumni gracing the occasion. The Principal gave a brief introduction about the AEES & AECS-2, Rawatbhata. He encouraged the students to display their talent up to the optimum and bring laurels for the school. The choir group of the school presented mesmerizing AECS-2 song. The senior teachers Shri N.K. Sharma, TGT (SS) and Smt. Pramila Chaturvedi, PRT (SS) were invited to express their views on this occasion. They spoke about the major milestones in the journey of the school since its inception.

Finally, the alumni were invited to speak and Dr. Kuldeep Singh (Dental Surgeon), an alumni of 1987 batch inspired the students to believe in the 'We' spirit instead of 'I' while doing any work and discharging their duties. He advised the students to follow their dreams and passions in a positive way. Mr. D. K. Ravikul, Scientific assistant and a student of 1986 batch of AECS-2, Rawatbhata motivated the students to achieve name and fame in their desired fields.

Mr. Sanjay Kandpal, Scientific Officer-E encouraged the students to keep themselves fit by physical activities or sports. Mr. Brijesh Pant, Technical Assistant emphasized upon the importance of parents and teachers in the lives of children. He encouraged the students to play outdoor games at least for an hour a day.



At the end, vote of thanks was delivered by the senior PRT Smt. Pramila Chaturvedi. The program came to an end with the National Anthem. After the program, all the students were given refreshment.

During the day, students of Primary section took part in Art competition. The Theme for the competition was "My School". Students of classes VI to IX took part in the Art competition on the theme "My School by 2047". Four alumni of this school, who are presently working in our school namely Smt. Shobha Sankhla, PRT (PET), Smt. Sukhdeep Pant, PRT, Smt. Yashoda Kucheria, PRT and Smt. Anupama Samerwal, UDC recorded their views and experiences and were shown to the students.

Swachhata Pakhwada:

Swachhata Pakhwada was observed in AECS-2, Rawatbhata from 16th February 2024 to 28th February 2024. A detailed programme was planned according to the schedule given by AEES. On the first day, Swachhata pledge was taken by the staff and the students. The pledge was administered by the honourable Principal Shri Lokesh Joshi. A slogan writing competition was also conducted on this day for classes V and VI.

On 17th February 2024 a painting and poster competition was conducted for classes IV and VII on the topic "Plastic Free India". On 20th February 2024 a lecture was delivered by Shri Sunil Kumar Yadav, TGT (SS) in the morning assembly on the topic 'Carbon Footprints'. He briefed students about carbon footprints and simple ways to reduce it. A cleanliness drive was also conducted in all the classes and within the school premises on this day. On 21st February 2024 'Best out of Waste' activity was conducted for class VIII and an advertisement competition to aware students about the importance of cleanliness was conducted for classes II and III.

On 22nd February 2024 a conversation was presented in the morning assembly by Dr. A.H. Khan, TGT (SS), PET and Smt. Ranjana Yadav, TGT, PET to aware students about good conduct, purity of thoughts, truthfulness, good mental health etc. and during the day an elocution competition was conducted for class IX on the topic 'Swachhata and Climate Change'. On 23rd February 2024 'Personal Hygiene Day' was observed for classes 1st to 3rd and Balvatika-III, in which they were taught about the importance of personal hygiene on our overall health. On 24th February 2024 an awareness programme on 'Menstrual Hygiene' for girls of classes VI to IX was conducted in the school in which Dr. Vestal Joby, RAPP Hospital guided girl students about the importance of menstrual hygiene, use of high-quality sanitary napkins and their safe disposal. A poem recitation competition on





the topic 'Cleanliness' was also conducted for Balvatika I, II & III. On 26th February a 'Green school Drive' was conducted for the students to aware them about the importance of tree plantation. They were also taught about the use of Blue and Green colour dustbins for the recyclable and unrecyclable waste dispose.



On 28th February 2024 a 'Swachhata Awareness Rally' was conducted by the students of class IX in the school surrounding areas to aware people about the importance of cleanliness. The Multi-Tasking Staff and daily wage employees who ensure the cleanliness of school were honoured in the morning assembly by Principal Shri Lokesh Joshi.

National Science Day:

National Science Day was celebrated with great zeal and enthusiasm on 28th February 2024 to commemorate the discovery of Raman Effect, a phenomenon in spectroscopy, by the Indian Physicist Sir



C.V. Raman. This day is about the celebration of goodness science has brought into our lives. The programme started with the usual morning assembly, after the prayer, a brief introduction of the programme was given by Shri Sunil Kumar Yadav, TGT (SS); where he talked about the Science Day, its importance and the theme of the year 2024 i.e. 'Indigenous Technologies for Viksit Bharat' and he enlightened the children about the extraordinary contribution of Indian Scientists in the nation's progress and prosperity.

Portrait of Sir C.V. Raman was garlanded by the Chief Guest along with the Principal Shri Lokesh Joshi and some teachers. The Principal then delivered welcome speech where he told about the achievements of the Chief Guest and the significance of National Science day.



Vansh Agarwal, class VIII, delivered an inspiring speech about the scientific journey of our country. Children of different classes demonstrated some science experiments for the audience. After that, prizes were distributed to all the winners who made various projects in different subjects and scored positions in school level Science, Social Science and Mathematics Exhibition.

The gathering was then addressed by the Chief Guest Shri R.K. Seth, Chief Superintendent, RAPS (1 & 2), where he inspired all the students to become scientists and join NPCIL in future. He also emphasized on the importance of teachers in school life. Vote of thanks was delivered by Smt Sukhdeep Pant (PRT). The programme ended with the national anthem.

Celebration of Women's Day:

Women's Day was celebrated in our school on 8th March 2024 to show respect and gratitude to the female fraternity of the world. The message of this year's International Women's Day was 'Invest in



Women: Accelerate Progress' with a focus on addressing economic disempowerment, while the campaign theme for this year is 'Inspire Inclusion'. It highlights the significance of diversity and empowerment across all sectors of society.

A number of activities such as swarachit kavita vachan, solo singing, group singing, solo dance etc, were organized for the staff members on the women's day. All the male staff members expressed their views on this occasion. The programme coordinator was Shri Prem Kumar Suthar.

Graduation Day:

Graduation Day was celebrated on 14 March 2024. The Chief Guest for the day was Shri Ram Bahadur, Head, CM & M, NPCIL, RR Site. Principal Shri Lokesh Joshi welcomed the guest and the gathering.



Balvatika-III report was read by Mrs Kalpana Parihar, Balvatika Teacher. A cultural programme was also presented by the tiny tots of Balvatika-III on this occasion. Progress cards were given to children and refreshment was also distributed.

Parent-Teacher Meetings:

Parent teacher meeting bridges the gap between the three stakeholders child, teacher and parents. It is



an opportunity where teacher and parents exchange their observation of child with each other. Sharing daily experience and observation provide a wider prospect for parents and teachers to plan, prepare and execute planning for better learning outcomes of a child. Three Parent teachers meeting for both the Primary and Secondary were conducted in this session, where both the teachers and parents got an excellent opportunity to interact with each other. The first Parent Teacher Meeting of the session was conducted on 24th July 2023, the Second

Parent Teacher meeting was conducted on 29th September 2023 for classes IX & X and 30th September for classes II to VIII. The Third Parent Teacher Meeting was conducted on 27th January 2024. The parent teacher meeting turned out to be very fruitful for the parents to know about the strengths and shortcomings of their child from teachers' perspective. A special Parent Teacher Meeting was also conducted for the slow learners of class X on 6th January 2024. More than 80% of the parents attended these meetings. The meetings were fruitful and effective for the betterment of our students.

Our Initiatives:

The Voice: The English Newspaper of AECS-2, Rawatbhata:

The Newspaper is initiated to inculcate English Writing skills & to enhance the reading habits of our students. The stories are solely written by the member students of the Literary club of the school. This session we have released two editions of this newspaper. First edition was released on 20th September 2023 and the second edition was released on 23rd November 2023.

Literary Club:

The Literary club is a paradise for thinkers, readers, and writers. It is the place where students are free to think, read and write on the topics of their interest and choice. The club is also a forum where students share their insights on politics, school activities etc. Children are sent a word of the day every day for their vocabulary building to enhance their knowledge about English Language.

Quiz Club:

Quizzing is an art and a test of the intellect. The quiz club of the school aim at identifying students with quizzing talent and creating opportunities for them to sharpen their quizzing skills. The school facilitate the students in this regard by sending the material of G.K. and current affairs, politics etc. in the group on regular basis.

Monthly MCQ Test:

In order to make the students ready for the competitive exams, our students appear in MCQ tests in all the major subjects every month. These tests are conducted for classes III to X. The results are declared within a week and shared with the parents.

Morning Assembly:

School Assemblies provide ample opportunities for all our students to come forth with self-confidence and express their abilities of public speaking, reading, thought sharing etc.



A morning assembly in the school is one of the most vital features of a school's set of courses. It is one of the sessions in any school where all the members of the school, the students and the teachers

come together for prayer and make the entire day a good one. It is also a platform where the students can express their thoughts, feelings and display their talent. We conduct a number of activities in our school's morning assembly for the same.



A thought for the day, pledge, news headlines and birthday celebrations are conducted on daily basis whereas poetry recitation, book review, storytelling based on moral values, G.K. Quiz, role plays etc. are conducted on the rotation basis. All the important days and celebrations are also observed in the school during the Morning Assembly in order to acquaint our students with the rich cultural aspects, traditions and history of our great nation. The Yoga & Mass PT is also being practiced on day-to-day basis.

Co-curricular Activities:

AECS-2 not only focuses upon the intellectual development of our future generation, but also takes care of their emotional and behavioral development in their early ages of development by inculcating sound moral values, responsibility and social awareness.



We are doing it through different co-curricular activities and school celebrations. Co-curricular activities are an integral part of the school curriculum for overall development of a child. Several activities like English Elocution, Art Competition, Essay Writing, Solo Song, Group Song, Greeting Card Making, Rangoli Making, Debate, Skit and Group Dance competitions were conducted to provide students an opportunity to

display their talent up to the optimum. Live Streaming and recordings of the Co-curricular activities were also made available on the school's social media platforms in order to let the parent witness the live performance of their child and to provide the participants an opportunity to review their performance afterwards. All the activities were conducted in a time bound manner and a large number of students participated.





Sports:

“A healthy mind lives in a healthy body” is a well-known adage.



So is the saying, “All work and no play makes Jack a dull boy”. Proverbs and sayings reveal the practical wisdom and long experience of the world. They are like golden coins whose currency is forever. Without games and sports our youngsters would develop into cowards, lethargic weaklings and imbeciles. Different activities and games were conducted for both Primary and Secondary students throughout the session.



Balvatika Activities:

The tiny tots of the school, the students of Balvatika are introduced to the rich culture and traditions through celebration of festivals like Diwali, Janamastmi and Rakshabandhan etc. No bag day is also being observed for classes 1st & 2nd on every Saturday.



Unblossomed Flowers - (SEEP & RTE):

Under Talent Nurture/SEEP, an innovative program launched by AEES, a total of forty nine students are studying in the school and sixty students are studying under RTE.

Third Rank in Swachhata Abhiyan 2023:

It is a proud moment for all of us that - AEES, Mumbai got recognition and appreciation for the Swachhata activities undertaken during the Swachhata Pakhwada 2023 (16th to 28th February, 2023) by all the Units of DAE, and is adjudged Third Rank.

Hindi Language Proficiency Test:

It is a matter of great pride for the school that our Principal Shri Lokesh Joshi passed the Hindi Language Proficiency Test organized by the Central Hindi Training Institute, Department of Official Language, Ministry of Home Affairs with First Division.

Welcome and Farewell:

Shri Pawan Kumar, Head Master, joined AECS-2 Rawatbhata on being transferred from AECS - Pazhayakayal on 31st March 2023 and transferred to AECS-4, Rawatbhata on 12th December 2023 in the same capacity.

Shri Rohitashv Gautam, PRT (Music) and Shri Prem Kumar Suthar (TGT, Social Science) joined AECS-2 family on being transferred from AECS-1 Jaduguda. Ms. Sangeeta Prakash (TGT, Art), joined on 08th June 2023. Shri Rajeev Sharma (TGT, English) joined on 16th June 2023 and resigned in December 2023 on personal ground.

Smt. Shobha Sankhala (PRT) joined our school on being transferred from AECS-4 Rawatbhata on 31st July 2023. Smt. Kalpana Singh (Prep. Teacher) joined on 18th August 2023. Shri Babu Lal Bhil PRT, (SS) joined our school on transfer from AECS-1 Tarapur on 01st December 2023.

Smt. Sarita Raj (PRT) Music transferred to AECS-5 Mumbai on 29th April 2023.

Shri Amol Tote (TGT) Art transferred to AECS-2, Tarapur on 23rd June 2023. Shri Lokesh Kumar Meena PRT (SS) promoted as Head Master and transferred to AECS Kudankulam on 1st July 2023.

Smt. Rebecca Sudheer (Prep. Teacher) SS, transferred to AECS-3, Tarapur on 26th August 2023. Shri Mahesh Dilip Barawkar (PRT) transferred to AECS-1, Tarapur on 30th November 2023.



Lectures and Training Programmes:

In today's competitive landscape ongoing improvement through trainings is a must for organizational success. Trainings not only enhance the skills and knowledge but also boosts up an individual's confidence. Throughout the session a number of training programmes were conducted both for the teachers and students in order to sharpen their skills and knowledge.

One Day Conference on “Education For Holistic Development”:

A One Day Conference was conducted on the topic “Education for Holistic Development” at Mumbai by AEES on 29th April 2023. The training was attended by Shri Pawan Kumar, Head Master, Shri M. S. Dhaka, TGT (SS) and Shri Mahesh Dilip Barawkar (PRT). The training was attended by two teachers and Principal from each AEC school all over the country. The conference focused on New Education Policy 2020, ICT based (Teaching) Learning, Innovation in Education, Holistic Development of Students through Art Integrated & Experiential Learning, Importance of In-service Programmes for Educators. All the activities of the conference were LIVE streamed for the benefit of the out-station centers.

Training on Cyber Security:

A training on “Cyber Security” was provided by the honourable Principal Shri Lokesh Joshi on 10th July 2023. The training acquainted the staff members about the potential security threats and how to safeguard against them. The training focused on different forms of phishing attempts, precautions to be taken before downloading a software and clicking on an unauthorized link, how to identify genuine websites, apps which are not secure and different types of malwares and spywares etc.



Training on “Insight into NEP 2020 and NCF 2023”:

A training was organized in the school on the topic “Insight into NEP-2020 and NCF-2023” for the staff members under the aegis of AEES Training School on 30th November 2023. The resource person for the training was Shri Mahendra Singh Dhaka, TGT (SS). The duration of the training was ninety minutes. The training enriched the staff members about the holistic and multidisciplinary approach of NEP & NCF.

Training on Stress Management:

A training on “Stress Management” was conducted under the aegis of AEES Training School on 8th January 2024. Miss Aarzoo Kumari, PRT was the resource person for the training. The training was attended by AECS No.2 staff members and a LIVE streaming was made for all the AEC Schools all over the country. The training turned out to be very fruitful and provided a deep insight to manage and cope stress.



Various other Training Programmes Conducted for the Teachers During the Session:

Various other training programmes were conducted for the teachers during the session in order to enrich their knowledge and skills. On 17th July 2023 a training was given by Shri R.K. Ahire, TGT (SS) on “HTML”, Smt. Sunita Kumari, PRT gave a training on “E-Certificate” on 27th July 2023, Shri Mahesh Dilip Barawkar (PRT) gave a training on “Gem Portal” on 31st July 2023. Smt. Nikki Kumari, PRT gave a training on

“Importance of Social Media in Education” in the month of July 2023. Besides these trainings various online trainings were also attended by the teaching faculty conducted by CBSE and NCERT time to time.



Gyan Samvardhan Program for Students:

The Gyan Samvardhan Programme, a unique initiative by AEC Schools, is designed to empower students with knowledge, critical thinking skills, and a global perspective. It goes beyond traditional classroom learning, aiming to create versatile individuals who are not just academically proficient but also socially conscious and culturally aware. One of the key features of this program is its emphasis on holistic education. Students are encouraged to explore their interests and talents in a wide range of subjects, from science and mathematics to the arts and sports. This approach helps in nurturing their individual potential, enabling them to pursue their passions and excel in their chosen fields. The program also focuses on character development.

The first session under this program was held online in which the students of classes IXth and Xth attended an online webinar in the SIT room. The second session under the programme was held on 30th August 2023 in AECS-4. Students of classes 9th and 10th of AECS-2 & 4 attended this programme. Shri



S.K. Gupta, AD (& US) RR Site NPCIL was the key speaker in this programme and enriched students' knowledge about Archimedes' Principle and surface tension. The programme was very informative and interactive and students were highly benefited from it.

The third session was held in the multipurpose hall of our school and was broadcasted live on Google meet for the students of other AECS schools. The key speakers of this session were Shree Narendra Khandanwal and Shree Anand Pinjarkar (AERB Mumbai). In this session students learnt about AERB and nuclear power. They also learnt about the different forms of energy and how they are manufactured.

Skill Training Programme:

A skill training programme was conducted on technical skills for students of class 10th on 16th October 2023. The resource persons in the programme were Shri Brajesh Rathod, Secretary, Shikhar Private Industrial Training Institute, Rawatbhata and Sh. Praveen Meena, Instructor, Shikhar Private Industrial Training Institute, Rawatbhata. They enriched the students about aspects of technical education and skill development and their benefits. Principal Shri Lokesh Joshi welcomed Shri Brijesh Rathod and Shri. Praveen Meena.

Rakhi Making Workshop:

Rakhi making workshop was organized in our school from 22nd August 2023 to 28th August 2023. Miss Sangeeta Prakash, TGT, (Art) guided students in making eco-friendly Rakhis. Students from classes 3rd to 8th participated in it. Students made very attractive and lovely rakhis under her guidance. This workshop was conducted in the school's multipurpose hall. Students wholeheartedly participated in it. The purpose of this workshop was to provide students a better understanding of the Indian culture, small scale handicrafts and use of sustainable practices in their day-to-day lives.



Art Activities:



Space Week Poster Making Competition (14/08/2023)



Rakhi Making Workshop (22/08/2023 - 28/08/2023)



Paper Bag Making Activity (03/10/2023)

Art Activities:



AECS Art Competition (01/12/2023)



Clay Modelling Activity



Terracotta Plate & Diya Decoration Activity

Art Activities:



Paper Craft Activity



Manvi Thakre, IV B

Paintings



Divija Dugaya, IV B



Rashmika Sharma, X B

What is Universe?

In the cosmic dance of dark and light,
A tapestry woven in eternal night.
Galaxies swirl, a celestial tune,
A breathtaking masterpiece, the universe's boon.
Stars ignite, like diamonds in the dark,
Constellations whisper tales, leaving their mark.
Planets twirl in their cosmic ballet,
A mesmerizing display, night and day.

Nebulas paint the canvas with vibrant hues,
A celestial symphony that constantly renews.
Time it, a river flowing wide,
In the universe's embrace, we all abide.

Dark matter and energy, elusive and unseen,
Bind the cosmos in a mysterious sheen.
Black holes, cosmic enigmas in the deep,
Where gravity's pull seems to never sleep.

In the vast expanse, we find our place,
A speck of dust, part of the cosmic race.
Connected to the stars, the Earth,
and sky,
A fleeting moment under the
cosmic eye.

So gaze upon the heavens, dream
and wonder,
In the grand poem of the universe,
we all ponder.
A cosmic verse, forever unfurled,
In the endless pages of this cosmic
world.



Chitresh Pratap Singh, VI A

The Raccoon and the Bear

Once upon a time there lived a raccoon on an apple tree. Mr. Bear lived in a cave nearby. He loved eating apples all the time. One day he ate apples from the raccoon's tree one by one till his tummy hurt. The raccoon got furious seeing this and shouted from the top, "Hey Mr. Bear, why are you shaking my tree and eating my apples?" The bear replied, "I was hungry, and I saw this tree full of apples. So I shook the tree. I did not know that you are living up there". Raccoon said, "You should have asked me before shaking my tree." The bear felt bad. He replied, "I am sorry, Mr. Raccoon". Then he walked away.

The next day the bear came to the same spot and shook many other trees, but didn't touch Raccoon's apple tree. Seeing this, Raccoon again shouted from the top. "Hello Mr. Bear. Why are you not taking fruits from my tree today?". The bear said, "Yesterday you got furious. I felt sad when you screamed at me. So I thought I should not take fruits from your tree". Hearing this, Raccoon also felt bad. He said, "Sorry Mr. Bear. Let's be friends." Now the bear smiled and asked, "Are you sure?" Raccoon replied, "Yes. I am. Let's be buddies". The bear said,

"Then come down Mr. Raccoon. Let's shake this and have some fun".

The raccoon got down and together they shook the apple tree and ate all the apples lying downwards them one by one.

And thus became best friends. Like all best friends, and they lived happily ever after.



Prateek Singh, V A

War behind Apollo-11

"One small step for man, one giant leap for mankind".

The real reason why Apollo mission was planned was a war. Specifically speaking, the Cold war. Fought between America and the Soviet Union. In 1957, the soviet became first country to launch artificial satellite "Sputnik". It was manmade object to be placed in earth's orbit. The American government was shocked to see the soviets getting ahead. In 1958 America launched their satellite Explorer too. But 3 years later in 1961, America got another shock. Soviet cosmonaut Yuri Gagarin became first person to go to space. Once again Soviets beat America. Then America starts thinking to do something unbelievable to win the war. America decided to send a "Man on Moon". On 25 may 1961 American President promised in his speech that "before the end of this decade landing of man on moon and returning him safely to the Earth". The testing of rockets began. In 1967 their first manned test was Apollo-1. NASA continued tests Apollo-4, 5, 6 (unmanned missions). In 1968 Apollo-7 was launched in space. In Apollo-8 astronauts were sent near moon. In gap of every 2-3 months a new space craft was launched. Finally, on 16th July 1969, Apollo-11 was launched. Three astronauts were there- Neil Armstrong, Buzz Aldrin and Michael Collins. With this America won the cold war. Apollo-11 was third historic event in world. Because of cold war a man on moon was possible.



Anshika Vashishtha, VII B

Secrets

Secrets are like whispers in the night,
They hide in the shadows, out of sight,
They're like little mysteries, waiting to be revealed,
But sometimes they're better left concealed.

Some secrets are harmless, like a little white lie,
Others can be dangerous, and make you want to cry,
They can be like a burden, weighing heavy on your heart,
Or they can be like a treasure, waiting to be a work of art.

The secret of love is one that's often kept,
It's hidden away, like a precious gem that's been wept,
It's a feeling that's so strong, it can't be denied,
And it's a secret that's often kept, deep inside.

Sometimes secrets can be like a knot,
Tangled up and twisted, like a sailor's lot,
But with time and patience, they can be untied,
And the truth can be revealed, no longer to hide.

So if you have a secret, don't be afraid,
It's okay to keep it, or to let it be displayed,
Just remember that secrets can be like a double-edged sword,
So be careful what you reveal, and what you keep stored.



Himanshi, IX A

Space Facts

1. The Sun is over 300000 times larger than Earth.
2. Halley's Comet was last seen in the inner Solar System in 1986, it will be visible again from Earth sometime in 2061.
3. Venus is the hottest planet in our solar system with a surface temperature of over 450 degrees Celsius.
4. Many scientists believe that an asteroid impact caused the extinction of the dinosaurs around 65 million years ago.
5. The solar system formed around 4.6 billion years ago.
6. The moon appears to have more craters and scars than earth because it has a lot less natural activity going on, the earth is constantly reforming its surface through earthquake, erosion, rain, wind and plants growing on the surface, while the moon has very little weather to alter its appearance.
7. Saturn isn't the only ringed planet other gas giants such as Jupiter, Uranus and Neptune also have rings, they are just less obvious.
8. Footprints and tyre tracks left behind by astronauts on the moon will stay there forever as there is no vent to blow them away.
9. In 2006, astronomers changed the definition of a planet. This means the Pluto is now referred to as a dwarf planet.
10. Because of low gravity a person who weighs 200 pounds on earth would only weigh 76 pounds on the surface of Mars.
11. The only planet that rotates on its side like a barrel is Uranus. The only planet that spins backward relative to the others is Venus.



Adarsh Mani Tiwari, IX B

Angels

Angelic wings inhabit the mind

To comfort your soul from a sacred sky

Sent to protect and give worth to the blind
And guide the sightless that have gone awry

A guardian angel assigned to you

To free from masked evil of the unknown

A fierce warrior that will always pursue

Each territorial demon they've known

Welcome this servant, protector and guide

With silent wings wrapped in angelic light

An envoy from God to whom you confide

To help your soul find Heavenly flight

Servants from heaven with duty

concise

Angels will guide you to true
paradise.



Harshita Nikam, VII A

My favorite state Gujarat

Gujarat, a state in Western India, is known for its rich culture, diverse traditions, and colorful festivals. The culture of Gujarat is a unique blend of ancient traditions and modern influence.

Dance forms of Gujarat:

Since Gujarati people are quite enthusiastic and amiable, they have many traditional forms of dance. The four major forms of dance are Dandiya Raas, Garba, Padhar and Garbi.

- Dandiya Raas is performed by both men and women and utilizes the movement of bamboo sticks, known as Dandiyas. It has ancient roots and was believed to be played by the beloved Gopis of Lord Krishna.
- Garba is usually performed by the females in a circular formation. It is performed with reverence of the feminine form of the divinity.
- Garbi is traditionally performed by only the men and incorporates the use of instruments like dhol and manjiras.
- Padhar is mainly performed by the rural communities near Nal Lake.

Traditional food of Gujarat:

Dhokla, Khakra, and Undhiyu are the top names that cross our minds when it comes to the famous food of Gujarat. While these are definitely the pride of Gujarat, the state is known for much more than just a couple of dishes we see in the movies. A Gujarati Thali is associated with a range of beautiful colors, sweet and spicy flavors and a taste that every foodie will



Toshi Prajapati, IX A

remember. Most of us know the welcoming Gujarati culture. Gujarat has a unique way of satisfying all its tourists, from the famous Garba to a Thali filled with a hint of sweetness in every dish

Fair and festivals:

The fairs and festivals of Gujarat showcase the real vibrancy and colours of its diverse culture. Thousands of people flock to Gujarat to witness the extravaganza during festivals like Navratri Mahotsav, Deepawali, Rathiyatra and Kite festival. There are some fairs as well that are organized in the state every year, namely- Shamlaji Melo, Bhadra Purnima Fair, and Mahadev Fair. The Rann Utsav is a major festival and witnesses an exquisite carnival of music, dance and natural beauty.

Culture and tradition:

Gujarat is a flourishing state with cultural diversity. It is vibrant with its true colors of rich heritage and cultural traditions. Dating back to history with the Harappan civilization, the state becomes a confluence of many religions - Hinduism, Islam, Jainism and Buddhism. The Gujarati culture blends in arts, beliefs, customs, traditions, institutions, inventions, language, technology and values

As Gujarat stands as 'Heart of India', Multiculturalism is traced in Gujarat. Shared cultural background making people feel to home ground and more comfortable with other people from their own culture. Culture shock unlike other countries is therefore, a missing point which makes people more confident and energetic as they stand for a challenge in global scenario.

Festivals and fairs, arts and crafts, folk dances, music, cuisine and lifestyles form a major cultural background of the people who belong to Gujarat. The customs and beliefs make the culture more homely and truly blended with values and moral characteristics.

Ocean

An ocean is a large area of water between continents. Oceans are very big and they join smaller seas together. Oceans cover 72% of earth. There are five main oceans: the Pacific Ocean, the Atlantic Ocean, the Indian ocean, the Southern Ocean, and the Arctic Ocean. The largest ocean is the Pacific Ocean and the smallest ocean is Arctic Ocean. Many types of animals live in oceans such as carps, crabs, shark, and whales. Different water movement separates the Southern Ocean from the Atlantic, Pacific and Indian oceans. The Southern Ocean is also called the Antarctica Ocean; because it covers the area around Antarctica. The deepest ocean is the Pacific Ocean. The deep ocean is characterized by cold temperatures, high pressure, and complete darkness. Some very unusual organisms live in this part of the ocean. They do not require energy from the sun to survive, because they use chemicals from deep inside the Earth.

Although many people believe that the oceans are blue because the water reflects the blue sky, this is actually not true. Water has a very slight blue color that can only be seen when there is lot of water. However, the main cause of the blue or blue / green color of the oceans is that water adsorbs the red part of the incoming light, and reflects the green and blue part of the light as the color of the water.

Many organisms live in oceans. Organisms that live in oceans can live in salt water. They are affected by sunlight, temperature, water pressure, and water movement. Different ocean organisms live near the surface, in shallow waters, and deep waters. Small plant

organisms that live near the surface and use sunlight to produce food are called phytoplankton. Almost all animals in the ocean depend directly or indirectly on these plants. In shallow water, you may find lobsters and crabs. In deeper water, marine animals of many different shapes and sizes swim through the ocean. These include many types of fish, such as tuna, swordfish and marine mammals like dolphins and whales. The skies above the open ocean are home to large sea birds, such as the albatross.



Ayushi Dixit, VII B



Alziya Bano, X

Journey to Success

Climb the steps one by one,

For one day it will be done,

Your mind body and soul will sing,

‘Success is what I can achieve.’

No matter what comes your way,

Never decide to run away;

From problems, issues and complications,

For deep within you, there is true determination.

Never get disheartened if you fail

‘First Attempt in Learning’ is what it means,

You can overcome once you've failed;

if you are really keen to learn.

Many more attempts you'll make,

Until it's your final take,

Then you'll see your goal not very far;

Now you realize your true potential and who you really are!

Missile Man of India

Avul Pakir Jainulabdeen Abdul Kalam was an Indian aerospace scientist and statesman who served as the 11th president of India from 2002 to 2007. He was born and raised in Rameswaram, Tamil Nadu and studied physics and aerospace engineering. He was intimately involved in India's civilian space program and military missile development efforts. He thus came to be known as the Missile Man of India. He was born on 15 October 1931, to a Tamil Muslim family in the pilgrimage centre of Rameswaram on Pamban Island, then in the Madras presidency and now in the state of Tamil Nadu. His father Jainulabdeen Marakayar was a boat owner and his mother Ashiamma was a housewife. Kalam was the youngest of four brothers and one sister in his family. In his school years, Kalam had average grades but was described as a bright and hardworking student who had a strong desire to learn. He died on 27 July 2015 at the age of eighty-three in Shillong, Meghalaya.



Kristina Verma, VII A



Gurav Devansh Sujit, V A

Chandrayaan-3

Chandrayaan-3 is the third mission in the Chandrayaan programme, a series of lunar exploration missions developed by the Indian Space Research Organization. The mission consists of a lunar lander named Vikram and a lunar rover named Pragyan.

- Launch date : 14th July 2023
- Space craft : LVM3 M4
- Launching site : Satish Dhawan Space Center, Sriharikota

Vikram lander Landing Date: 23 August 2023, 18:03 IST (12:33 UTC)

Landing Site: Shiv Shakti point (69.373°S 32.3190°E) (Between Manzinus C and Simpeliuss N crater)

Moon Rover

Landing Date : 23 August 2023
Distance Driven : 101.4m(333) ft.

Team of Chandrayaan-3

- ISRO Chairman : S.Somanath
- Mission Director : S. Mohankumar
- Associate Mission Director : G. Narayanan
- Project Director : P. Veeramuthuvel
- Associate Project Director : Kalpana Kalahasti
- Vehicle Director : Biju C. Thomas

Apophis - Killer Asteroid?

How old will you be on Friday 13, 2029? That is how old you will be when a large asteroid, called Apophis, comes very, very close to our planet. Asteroids are rocks that circle the sun in space and sometimes come close to Earth and even hit it. Most asteroids are very small and, if you are lucky, you can sometimes see them in the night sky as 'falling stars'.

However, most scientists believe one large asteroid, about six to twelve kilometers across, hit the earth and killed all the dinosaurs about 65 million years ago. Apophis is also big. Scientists discovered it in 2004 and they say that it is about 300 meters across. That's about the size of a large sports stadium. An asteroid this size, according to scientists, is not large enough to destroy our world, but it is large enough to destroy several cities. It will probably miss the earth, they say, but not by very much - it will miss us by about only 35,000 kilometers - that's much closer than our moon which is about 240,000 kilometers away. Another way of thinking about it is that it will miss us by only a few minutes.

If you don't find that scary, then consider this: the same asteroid will visit earth just a few years later, in 2036, again on Friday 13. Again, it will miss our planet, but again by only a very small distance probably. The only sure thing is that all the eyes and telescopes in every country in the world will be watching the skies on those two days.



Mahi Soni, VIII B

Quantum Physics

Hi, I'm Vansh. And I will do my best to make you understand Quantum Physics, "Quantum" comes from the Latin word "quantus," meaning "how much" or "how great". That's like diving into the world of the super tiny, where things get all weird and make a dilemma. Imagine you've got a box. And inside that box, there are these super tiny particles, like electrons and photons. Now, here's the interesting part: these particles don't always behave like you'd expect them to. They're all about probability and uncertainty, not just following the rules like good trained Dogs. Usually, we make small particles like protons, electrons, and neutrons in small circles but in Quantum Mechanics they are seen like waves. One of the coolest things in Quantum Physics is a thing called superposition.

Schrödinger's Cat is a mind-bending thought experiment in Quantum Physics. Imagine a cat in a sealed box with a device triggered by a random event, like the decay of a radioactive atom. If the atom decays, a poison is released, and the cat dies; if it doesn't, the cat lives. Here's the twist: until the box is opened, according to Quantum Physics, the cat is both alive and dead simultaneously existing in what's called a superposition of states. It highlights the weirdness of quantum theory, showing that at a tiny, atomic level, things can exist in multiple states until observed, challenging our understanding of reality. Schrödinger used this to critique some ideas in



Vansh Agarwal, VIII B

Facts About Ram Mandir

1. Prime Minister Shree Narendra Modi inaugurated the temple on 22nd January 2024.
2. Program was live streamed on large screen across Ayodhya and in the entire country.
3. The temple is made in the traditional Nagar Style.
4. The temple has a length of 380 feet, a width of 250 feet and a height of 161 feet.
5. The temple is three- storied, with each floor being 20 feet tall. It has a total of 392 pillars and 44 doors.
6. No iron is used anywhere in the temple.



Abhav Derashri, VIII A

quantum mechanics, emphasizing the absurdity of certain interpretations.

Then there's Quantum Entanglement. Quantum entanglement links particles where changing one instantly affects the other, no matter the distance. They behave as a single system, even if separated by galaxies, showcasing a mysterious and instantaneous connection that defies classical notions of space and time. It's like having a secret language where they communicate faster than anything in the universe.

Quantum Physics isn't just a mind-bending theory, it's a real-life thing too. You've probably heard of quantum computers. These machines use quantum bits or qubits instead of regular bits. They're really powerful, solving problems that would take forever for normal computers. It is also used in some other things which are very important for mankind today like, Computers, Light Emitting Diodes (LEDs), Lasers, and Nuclear Power Plant. Now, why should we care about Quantum Physics and its weird theories? Well, Quantum Physics helps us understand the tiniest bits of our universe. It's like unlocking the secrets of how everything works at its core. Plus, it's not just for scientists in lab coats; it's changing technology, medicine, and so much more. But I agree that Quantum Physics isn't a walk in the park. It's confusing, mind-bending, and sometimes feels like you're in a maze without a map. Even the smartest scientists are still figuring things out. In fact, Richard Feynmann who won a Nobel prize for his work on Quantum Electrodynamics said: "If you think you understand Quantum Physics, you don't understand Quantum." Quantum Physics isn't just another chapter in a science book; it's a mind-expanding journey into the tiniest bits of our universe. Embrace the weirdness, because in this quantum world, anything is possible!

Human Life

Introduction on Life: Life abounds on earth. Almost 8.7 million species of plants and animals have been discovered till now. If a huge number of species are found on earth, we may think why should all these species live? Why can't it be only the human species? This is because every life form is interconnected like a web. This web supports Life. If almost 8.7 million species are there for each species to live their life, then Why Life for Humans?

Why Life for Human: Human birth was not caused by an accident. It is an opportunity to be offered only once. It is our duty to respect and benefit from this birth. It is not necessary how long we live. The question is how we live. Did our life get any identification? Those who wish their name to be spoken from time to time will worry about living norms; Will be headed to life with purpose.

Purpose of Human Life: Life is purposeful. What is that purpose? Do you live because living is an achievement, living is simple. Even nature can survive. If a good social system and government appear, then life for itself is easy. Life is aimed at Charity.

Conclusion: It is true that we live today. The opportunities we have are fantastic. Why delay? Why wasting our time counting today and tomorrow? Let's start living today. As the first step in the path, we must take the responsibility of running this earth by clearly thinking and focusing on the goal. We will follow it in public. Let the world eat. Let the world dress up. Let us stay where the earth stays!



Surabhi Singh, VIII A

Python the future of India in Computer science

Python is a programming language used to write programmes in which a computer performs its tasks. Python is a high-level, general-purpose programming language. Its design philosophy emphasizes code readability with the use of indentation.

Python was conceived in the late 1980s by Guido van Rossum at Centrum Wiskunde & Informatica (CWI) in the Netherlands as a successor to the ABC programming language, which was inspired by SETL capable of exception handling and interfacing with the Amoeba operating system. Its implementation began in December 1989. Van Rossum shouldered sole responsibility for the project, as the lead developer, until 12 July 2018, when he announced his "permanent vacation" from his responsibilities as Python's "benevolent dictator for life", a title the Python community bestowed upon him to reflect his long-term commitment as the project's chief decision-maker.

In January 2019, active Python core developers elected a five-member Steering Council to lead the project. Python's simplicity makes it an ideal language for beginners, contributing to a growing community of developers. As industries increasingly adopt Python scope for web development, data science, artificial intelligence, and machine learning, the demand for skilled Python developers is set to rise exponentially. In India the future of Python programmers is bright because as the future is of technology and it is to adopt python programming language.



Aarav Godara, VIII A

Artificial intelligence (AI) vs. Machine learning (ML)

What is artificial intelligence?

Artificial intelligence is a broad field, which refers to the use of technologies to build machines and computers that have the ability to mimic cognitive functions associated with human intelligence, such as being able to see, understand, and respond to spoken or written language, analyze and more.

Although artificial intelligence is often thought of as a system in itself, it is a set of technologies implemented in a system to enable it to reason, learn, and act to solve a complex problem.

What is machine learning?

Machine learning is a subset of artificial intelligence that automatically enables a machine or system to learn and improve from experience. Instead of explicit programming, machine learning uses algorithms to analyze large amounts of data, learn from the insights, and then make informed decisions.

Machine learning algorithms improve performance over time as they are trained exposed to more data. Machine learning models are the output, or what the program learns from running an algorithm on training data. The more data used, the better the model will get.

Differences between AI and ML



Parth Uniyal, VIII A

Artificial intelligence

- AI allows a machine to simulate human intelligence to solve problems.
- The goal is to develop an intelligent system that can perform complex tasks.
- We build systems that can solve complex tasks like a human.
- AI has a wide scope of applications.
- AI uses technologies in a system so that it mimics human decision-making.
- AI works with all types of data: structured, semi-structured, and unstructured.
- AI systems use logic and decision trees to learn, reason, and self-correct.

Machine learning

- ML allows a machine to learn autonomously from past data.
- The goal is to build machines that can learn from data to increase the accuracy of the output.
- We train machines with data to perform specific tasks and deliver accurate results.
- Machine learning has a limited scope of applications.
- ML uses self-learning algorithms to produce predictive models.
- ML can only use structured and semi-structured data.
- ML systems rely on statistical models to learn and can self-correct when provided with new data.

Some Psychology Facts About Human

1. It takes about 66 days for an average individual to make something a daily habit.
2. An average individual's mind wanders 30% of the time.
3. The human attention span is shorter than a goldfish.
4. The average weight of the adult human brain is three pounds.
5. Five minutes without oxygen can cause brain damage.
6. The type of music you listen too affects how you perceive the world.
7. Dopamine makes you addicted to seeking information.
8. During the 7 minutes of neural activity before dying, you will see your memories in a dreamlike pattern.
9. People between the ages of 18 and 33 have the highest percentage of depression in the world.
10. Your brain is doing more imaginative work when you're sleepy.



Vanshika Singh, VIII A

Interesting facts

- * A shark is the only known fish that can blink with both eyes.
- * Dreamt it is the only English word that ends in the letters "mt".
- * Tigers have stripped skin, not just stripped fur.
- * The giant squid has the largest eyes in the world.
- * A crocodile cannot stick its tongue out.
- * The Monalisa has no eyebrows.
- * "I am" is the shortest complete sentence in the English language.
- * Humans can't walk in a straight line without looking at something.
- * Australia is wider than the moon.
- * A shrimp's heart is in its head.



Karishma, VIII A

Brushstrokes of Destiny

In the quiet town of Azurevale, nestled between rolling hills and the gentle lapping of a crystal-clear river, lived a young boy named Ethan. From a tender age, Ethan discovered the enchantment of colors and the magic within a stroke of a paintbrush. His humble beginnings in the world of art were marked by walls adorned with his playful doodles.

As the years unfolded, so did Ethan's passion for painting. His room transformed into a canvas of dreams, where vivid landscapes and abstract visions adorned the walls. Despite the limited resources of Azurevale, Ethan's ambition knew no bounds.

One fateful day, a renowned art critic, Madeline Harper, happened upon Ethan's creations during a chance visit to the town. Struck by the raw talent emanating from the paintings, Madeline traced the strokes back to their origin. She found Ethan, a young artist with dreams as vast as the azure sky.

Madeline became Ethan's mentor, recognizing not only



Dheemant Meena, IX A

his innate talent but also the resilience and determination in his eyes. Under her guidance, Ethan honed his skills, delving into various styles and techniques. Yet, life in the art world was not without its trials.

Ethan faced rejection and criticism; his canvases echoed the struggles of an artist striving to find his voice. Through every setback, he painted with a determination that spoke of a burning desire to make his mark on the world.

As the years passed, Ethan's perseverance bore fruit. His work began to grace the walls of prestigious galleries, catching the attention of art enthusiasts worldwide. His paintings told stories of hope, resilience, and the beauty found in life's simplest moments.

Ethan's journey from a small-town dreamer to a world-famous painter became an inspiration. The boy who once adorned the walls of his room in Azurevale now adorned the walls of renowned museums and private collections.

In the end, it was not just the strokes of his brush that defined Ethan's legacy; it was the unwavering spirit that transformed his humble beginnings into a masterpiece of ambition, hard work, and the boundless possibilities painted by the brushstrokes of destiny.

Celestial Ballet: A Cosmic Symphony

In the night sky, a celestial dance,
Stars twinkle with a mystic trance
Moon's silver glow, a gentle embrace,
A cosmic ballet in vast space.

The moon, a gentle orb, beams from above,
Casting its glow with tender love.
A silver sphere in the vast expanse,
A celestial dancer in a nightly dance.

Jupiter, mighty with its stripes so bold,
A giant in the celestial fold.
A gas giant with a regal grace,
In the cosmic theater, it finds its place.

Planets dance, a cosmic tune,
Mars, Venus, like balloons.
Galaxies twinkle, a vast array,
In the night and light of day.

Look up, and you'll find the story,
Of celestial bodies in all their glory.
In the cosmic sea, a wondrous show,
A celestial ballet that continues to grow.



Vivek Mahajan, IX A

A Monsoon Incident

This incident occurred when I was in Chennai during a Monsoon season. It was really dark on that day it rained so heavily that it flooded the whole city. It even broke the dam near my house and caused a cyclone which lasted for several days. I was sitting in my home and enjoying the rainfall as there was no electricity in my home. Suddenly I saw some trees near my house falling down. I got scared and informed this to my parents. After understanding the situation my father and his friends decided to go out and take our car to a safe shelter and made a plan and went out. Seeing my father outside I also decided to go out without his permission which was a really bad idea. He scolded me a lot for this and told me how dangerous it was. Suddenly the wind blew away our car shed and the car got exposed to rain. This got me petrified. Seeing me scared my mother carried me to bed and made me sleep against my will. The

next day when I woke up I saw people cutting the fallen trees and cleaning the neighbourhood. When the rain had stopped some NDRF employees came to rescue us and get us to a safe location. As a child this incident scared me a lot so I cannot forget this incident.



Aadhil Ramesh, IX A

The wings of courage

This is the story of a magical land
Somewhere far away,
The land of the wind God
That's what people say.
Not even a single bird
Has ever touched its sky,
The winds rebelled strongly
Even against those who tried.

A dove tired from all this
Wanting to know why,
Spreads its wings all the way
Then soared towards the sky.

Just as his feet left the grounds
He came descending by,
But kept trying even after knowing that it was
Almost impossible to stand still against the wind's might.

Tired and defeated the dove went to the wind God
And asked him why?
And how will he be able to reach the heavens when
He can't even touch the skyline?

The God listened from above the clouds
Then gave a gentle smile.
Told the dove to find what's missing
To find what was left behind.

The dove listened to what the God said
Broke the chains of fear with might,



Khushi, IX A

Because man in reality is afraid of the fall
Not of the heights.

Wanting to know what God meant
He went to the highest peak in the land
From where one could see the green meadows,
The sparkling sea and even the coastal sands.

The dove forgot everything and
Focused on what was in front of his eyes
His determination was unbreakable because even if he failed
He was ready to retry even a thousand times.

The peak was the only place
Where the wind showed its wild and incomparable force
He threw himself off the cliff
And flapped his wings amongst the howling winds.

The dove spread his feathers in respect to the anemo God
And soared towards the sky
And kept flying against with the wind's flow
Trying his best to stay strong against the wind's might.

He kept flapping his strong wings
Until he was able to fly freely in the sky
Until the wind was no more
An obstacle for them to reach the heavens up high.

After reaching the heavens they went to the wind God
And happily, said "I understand now, all I needed was a
stronger wind to fly".

The God gave the same gentle smile and replied
"What you needed to fly weren't winds but courage". Courage
was what that was left behind".

"It is courage that allowed you to become the first flying birds
of this world".

Top 10 interesting unknown facts

1. It is physically difficult for pigs to look up into the sky.
2. Like fingerprints, everyone's tongue print is also different.
3. Tigers have stripped skin not stripped fur.
4. A cloud weighs around a million tonnes.
5. Wearing a tie can reduce your blood flow to the brain by 7.5%.
6. Your nails grow faster in hot summer.
7. Astronauts grow taller in space.
8. Hot water will turn into ice faster than the cold water.
9. Ants take rest for around 8 minutes in a 12-hour period.
10. The most common name in the world is "Mohammed".



Ananya Singh Rao, VII B

G20 Summit

One earth, one family, one future

G20 is a group of 20 countries that are developed and developing in the world.

These countries control 60% population of world. These countries make up 75% of foreign trade. These countries also make up 85% of world's GDP.

The main purpose establishment of G20 is to take decision on financial, employment, anti-terrorism, climate changes.

The presidency of G20 summit 2023 was given to India.

The tag line of G20 summit 2023 was vasudhev-kutumbakam. This tag line was taken from later-vedic text the Maha Upanishads.

In this presidency India tried to represent its cultural diversity and festivals before the world.

Our honourable Prime Minister Narendra Modi provided a roadmap for sustainable development in the world.

In G20 summit India tried to solve the problems of unemployment, climate change and poverty.



Vinit Deepak Gedam, VI B

India a land of Diversity and Unity

India is a land of diversity and a living example of unity in diversity. India is a country where different cultures, religions, languages, and traditions coexist in harmony. In India there is diversity of different types. The most common type of diversity which can be seen is religious, linguistic and ethnic diversity. India is one of the most religiously diverse countries in the world. Hindus, Muslims, Christians, Sikhs, Buddhists, Jains and many other belief believers practice their traditions. This religious diversity can be seen when people celebrate their festivals throughout the year such as Eid, Christmas and Diwali etc.

In India over 1600 languages and dialects are spoken by its citizen. Each language shows the unique traditions and customs of the people who speaks it. In India there was never a national or official language. India always had link language but it varied from age to age. In ancient period it was Sanskrit, in medieval period it was Arabic and now in modern period it is Hindi and English. The population of our country is divided into numerous ethnic groups including the Scheduled Tribes, Scheduled Castes, Other Backward Classes, and many more. Each of these ethnic groups has their own cultures, traditions and customs. India is home to various cultures. Each culture has its own set of traditions, festivals, and rituals, contributing to the rich tapestry of Indian society. In every part of India there is its unique dance forms, cuisine, music, art etc.

With these India has also a great diversity in its geographical conditions and has various physical features as well. India is a place which consists of very vivid landforms natural environments, including deserts, evergreen woods, steep mountains, perennial and non-perennial river systems, long coastlines, and fertile plains. It has the highest mountain range, the Himalayas. It has one of the largest deserts, the Thar Desert. This variation in the climate has also contributed to a variety of flora and fauna in India. The unique geographic demographics also host a unique eco-system rich with vegetation, wildlife, rare herbs, and a large variety of birds.



Dimple Mali, IX B

ISRO Space Mission - Aditya L1

The main perspective of ISRO space mission Aditya L1 is to study the Sun.

Aditya means the Sun and L1 mean Lagrange point 1.

It had covered the distance of 1500000 km.

Lagrange points are those points where gravity of any two bodies cancels out one another.

It will work for 5 years on Lagrange point capturing images of the Sun.

It had taken almost 4 months to go on Lagrange point from the Earth.

It has been launched to study about layers of the Sun.

It is important because the Sun heat flares damage the Earth.



Avani Deepak Gedam, 4 B

Books And Authors

| Sr. No | Book | Author |
|--------|------------------------|-------------------|
| 1. | A Bend in the River | V.S. Naipaul |
| 2. | The Abbot | Walter Scott |
| 3. | A Brush With Life | Satish Gujral |
| 4. | Adhe Adhure | Monan Rakesh |
| 5. | Indica | Megasthenes |
| 6. | Vikramorvashi | Kalidasa |
| 7. | Adam Bede | George Eliot |
| 8. | Gatha Saptashati | Hala |
| 9. | White Tiger | Arvind Adiga |
| 10. | In Other Worlds | Jhumpa Lahiri |
| 11. | The Continent of Circe | Nirad C Chaudhuri |
| 12. | Last Man in Tower | Arvind Adiga |
| 13. | River of Smoke | Amitav Gosh |
| 14. | The Lowland | Jhumpa Lahiri |
| 15. | Amarkosha | Amarasimha |



Sadiya, VII A

Let's know some interesting facts about English

1. **Rhythm** is the longest complete word in English without vowels.
2. '**Abstemious**' and '**facetious**' these two are only words in English language that have all "five vowels" in order.
3. In this language, Name of all continents end with the same letter from which they start....as...**AsiA... EuropE...**
4. You can fit every **English letter** in one sentence- "The quick brown fox jumps over a lazy dog".
5. Some words do not have a singular form... **pants, scissors, deer.**
6. The letters -ough are pronounced in **9 ways!**
7. A new word is added to the dictionary every **2 hours.**
8. There's a name for words that we repeat often: **Crutch words.**
9. There are "**ghost words**" that mean nothing.
10. Swims will be swims even when turned **upside down.**
11. The shortest, oldest, and most commonly used word is "**I**".
12. A **pangram** sentence is one that contains every letter in the language.



Ratnanjali Bijolia (PRT)

"Metaphor"

As I lay in there
Soaking up the sun,
I let my thoughts wander...
Wondering why as little ones, were so
bewitched by the beautiful
butterfly...

As I go far down...
I see those dazzling wings;
Flapping and dancing
On the loveliest blossom;
Chasing the nectar...
But, how so silent,
How so calm,
how so oblivious of the buzz around...

And yet so living.

As more deep down I go,
English lessons taught Butterflies, a metaphor representing
transformation

And yes, it was learnt...

Only as time flies by,

To realise...

it spreads more about Hope...

A hope of a little girl to get the prettiest wings.

Wings to her dreams.....

A ray of hope

That someday in her quest.

Her flight would be as delightful,

As graceful,

As calm....

And,

With the same light, filled with change, hope and life



Smt. Sukhdeep Pant, PRT

Rain

From the heaven above, it
falls like happiness,
It quenches the thirst of the
thirsty and brings happiness.
From the mighty seas of the
earth

to the cotton candy clouds in
the sky,

It falls when they cry.

It is the helper of the poor and
it also sometimes the wrath of the Gods.

It is the farmer's hope
and the children's joy,

which is enjoyed even by the children in adults.

It makes the earth green
and is sometimes mean.

It is like fast food which everyone likes
but too much of it can take your lives.

Its absence cause draught,

Its presence brings happiness
and its downpour causes floods.

It is a magic of the God
that adds to the very beauty of this world
which in itself is full of wonders.



Aadhil Ramesh, IX A

हमारा गणतंत्र

ये जो हमारा गणतंत्र है
इसका यही मूल मंत्र है
कायम रहे भाईचारा
एकजुट रहे देश हमारा
बिखरे न कभी माला के मोती
जागृत रहे देश भक्ति की ज्योति
मिले सबको पैगाम ये प्यारा
प्राणों से प्रिय हमें देश हमारा
मुकुट हिमालय का धारण किए हुए
शौर्य पराक्रम असाधारण लिए हुए
विश्वगुरु, शांतिसिंहासन पर आरूढ़
सीना ताने खड़ा तटस्थ हिंदुस्तान मेरा
कायम रहे ये भाईचारा
एकजुट रहे देश हमारा
जय हिंद, जय भारत।



मनस्वी कुचेरिया, छठी 'अ'

पानी का महत्व

पानी है कितना अनमोल,
जान लो तुम इसका मोल।
पानी बिना है धरती सूनी,
बिन पानी जीवन नहीं है सुखी।
मत करो मुझको बर्बाद,
इतना तो तुम रखो याद।
प्यासे ही तुम रह जाओगे,
मेरे बिना न जी पाओगे।
जल है तो कल है,
जल है तो जीवन है।
पानी तू ही तो सब कुछ है,
पानी है धरती की शान।
पानी है तो जीवन में रवानी है,
इसके बिन जीवन की नही कोई
कहानी है।
पानी को बर्बाद करोगे,
कब तक खुद आबाद रहोगे ?
बच्चे हो या बूढ़े,
जल की कीमत को समझो।
जल है जीवन का अनमोल रतन,
इसे बचाने का करो जतन।



सुरभि सिंह, आठवीं 'अ'

हमारा प्यारा देश

हे जन्म भूमि भारत,
हे कर्म भूमि भारत,
हे वन्दनीय भारत अभिनन्दनीय भारत,
महिमा महान तू है गौरव निधान तू है,
तू प्राण है हमारी जननी समान तू है।
तेरे लिए जिए हैं तेरे लिए मरेगे,
तेरी जन्म-जन्म भर हम वंदना करेंगे,
हम अर्चना करेंगे।
हे जन्म भूमि भारत, हे कर्म भूमि भारत,
हे वन्दनीय भारत अभिनन्दनीय भारत
जिसका मुकुट हिमालय जगमगा रहा है,
सागर जिसे रतन की अंजुलि चढ़ा रहा है।
वह देश है हमारा ललकार कर कहेंगे
इस देश के बिना हम जीवित नहीं रहेंगे
हम वंदना करेंगे।
हे जन्म भूमि भारत, हे कर्म भूमि भारत,
हे वन्दनीय भारत अभिनन्दनीय भारत,
महिमा महान तू है गौरव निधान तू है,
तू प्राण है हमारी जननी समान तू है।



शाश्वत पाण्डेय, सप्तम 'ब'

मेरा विद्यालय

आओ बच्चों तुम्हें सुनाएँ अपने विद्यालय की बात,
ये विद्यालय सबसे बढ़िया इससे खाते हैं सब मात।
कक्षा दसवीं तक लगती हैं, पढ़ते हैं यहाँ छात्र अनेक,
अनुशासन की सुदृढ़ व्यवस्था चकराते हैं सब जन देख।
विद्यालय का कौन प्रिंसिपल ये भी क्या बतलाना है,
श्रीमान लोकेश जोशी सर जिन्हें सभी ने जाना है।
इन जैसा गुणवान प्रिंसिपल भला कहाँ मिल सकता है,
प्रातः काल से दिन ढलने तक जो मेहनत कर



स्तव्य पाण्डेय, सप्तम 'ब'

सकता है।
भाँति-भाँति के हैं अध्यापक, मन से खूब पढ़ाते हैं,
जिन विषयों के हैं वो ज्ञाता भली भाँति समझाते हैं।
कक्षा सप्तम 'ब' में पढ़ता 'स्तव्य पाण्डेय' मेरा नाम,
मेरी कक्षा के अध्यापक नरेन्द्र सर जी उनका नाम।
हम बच्चों के खास हैं वो, पूरी करते आस हैं वो,
सबसे अच्छे सबसे प्यारे, एम एस ढाका सर जी हमारे,
प्रतिभाओं के धनी हैं वो, प्रतिभावान बनाते हैं।
इंग्लिश जैसे जटिल विषय को चुटकी में समझाते हैं।
चाँद सी सुन्दर संगीता और ममता मैडम,
गणित और विज्ञान पढ़ाती हैं,
लच्छेदार मधुर बातों से पूरा अध्ययन कराती हैं।
प्रेम सर की टीचिंग स्किल को कभी भुला न पाएँगे,
जो कक्षा में बैठे ही बैठे सारा जगत घुमाएँगे।
अब आई है उनकी बारी जो हैं सैंकेंडरी की नींव हमारी,
एन के शर्मा सर और सुनील यादव सर आप ही तो हैं धुरी हमारी
इतने नाम गिनाएँ मैंने, अध्यापक हैं और अभी,
किन-किन की मैं करूँ प्रशंसा ये मेरी छोटी बुद्धि।
क्षमा करें वो अध्यापक जिनके गुण ना गा पाएँ,
जीवन में जब हुई निराशा गुरु की कृपा ही काम आए।

भारतीय रहस्यवादी कवि

कबीरदास 15वीं सदी के भारतीय रहस्यवादी कवि और संत थे। वे हिन्दी साहित्य के भक्तिकाल के निर्गुण शाखा के ज्ञानमार्गी उपशाखा के महानतम कवि थे। उनकी रचनाएँ सिक्खों के आदि ग्रंथ में सम्मिलित की गयी हैं। कबीरदास जी का जन्म सन 1398 (संवत् 1455) में हुआ। कबीर साहब का जन्म कबीर सागर के अनुसार ज्येष्ठ मास की पूर्णिमा को ब्रह्ममुहूर्त के समय लहरतारा तालाब में कमल पर हुआ था। जहाँ से नीरु नीमा नामक दंपति उन्हें उठा ले गए थे। कबीर जी के शिष्य धर्मदास द्वारा लिखित कबीर सागर में दिव्य धर्म यज्ञ का उल्लेख आता है जिसके अनुसार उस समय के पंडित और मौलवी जो पाखंड और दिखावा करने में अधिक विश्वास करते थे कबीर जी से नफरत करने लगे। एक बार कबीर जी को नीचा दिखाने के लिए उन लोगों ने एक षडयंत्र रचा। उन लोगों ने मिलकर दुनिया भर में झूठी चिट्ठी लिखकर भिजवा दी कि कबीर जी भंडारा कर रहे हैं। निश्चित दिन पर काशी में कबीर जी की कुटिया के पास 18,00,000 लोगों की भीड़ जमा हो गई। उसी समय एक महान चमत्कार हुआ। एक केशव बंजारा नाम का व्यापारी 900000 बैलों पर लादकर भंडारे का सामान लेकर आया और सभी लोगों को तीन दिन तक रुचिकर भोजन से तृप्त किया और वादे के अनुसार सारी सामग्री भी बाँटी, जिसमें हर खाने के साथ एक सोने की मोहर और दो दोहड़ दी गई। तब से लोग उन्हें पूजने लगे। कबीरदास जी के दोहे भी प्रसिद्ध हैं।



क्रिस्टीना वर्मा, सातवीं 'अ'

ताश का मर्म

ताश के बारे में नया ज्ञान मिला। आप भी देखें: हम ताश खेलते हैं, अपना मनोरंजन करते हैं। पर शायद कुछ ही लोग जानते होंगे कि ताश का आधार वैज्ञानिक है व साथ-साथ ही प्रकृति से भी जुड़ा हुआ है:-

आयताकार मॉटे कागज से बने पत्ते चार प्रकार के, ईट, पान, चिड़ी, और हुक्म, प्रत्येक 13 पत्तों को मिलाकर कुल 52 पत्ते होते हैं।

पत्ते.... एक्का से दस्सा, गुलाम, रानी एवं राजा।

1. 52 पत्ते52 सप्ताह
2. 4 प्रकार के पत्ते4 ऋतु
3. प्रत्येक रंग के 13 पत्ते....प्रत्येक ऋतु में 13 सप्ताह
4. सभी पत्तों का जोड़ ..1 से 13=91 × 4= 364
5. एक जोकर..... 364+1= 365 दिन...1 वर्ष
6. दूसरा जोकर गिने..365+1=366 दिन..लीप वर्ष
7. 52 पत्तों में 12 चित्र वाले पत्ते - 12 महिने
8. लाल और काला रंग ... दिन और रात!

पत्तों का अर्थ:

1. दुक्की - पृथ्वी और आकाश
2. तिवक्की - ब्रह्मा, विष्णु, महेश
3. चौकी - चार वेद (अथर्व वेद, सामवेद, ऋग्वेद, यजुर्वेद)
4. पंजी - पंच प्राण (प्राण, अपान, व्यान, उदान, समान)
5. छक्की - षड रिपु (काम, क्रोध, मद, मोह, मत्सर, लोभ)
6. सत्ती- सात सागर
7. अट्टी- आठ सिद्धी
8. नव्वा- नौ ग्रह
9. दस्सी- दस इंद्रियाँ
10. गुलाम- मन की वासना
11. रानी- माया
12. राजा - शासक
13. इक्का- एक ईश्वर



श्रीमती रत्नांजलि बिजोलिया
वरिष्ठ प्रा.अध्यापिका

राज्य का नाम भारतीय राज्य भोजन

1. महाराष्ट्र- मिसल पाव
2. पंजाब - मक्की दी रोटी और सरसों दा साग
3. पश्चिम बंगाल- कोशा मंगशो
4. गुजरात- ढोकला
5. कश्मीर- रोगन
6. तमिलनाडु- पोंगल
7. असम- पपीता खार
8. बिहार- लिट्टी चोखा
9. हिमाचल प्रदेश- धाम
10. आंध्र प्रदेश- पूथारेकुलु
11. तेलंगाना- बिरयानी
11. गोवा- फिशकरी
12. उत्तराखंड- कफौली
13. त्रिपुरा- चखवी
14. मणिपुर- कांगशोई
15. मेघालय- जडोह
16. केरल- अप्पम
17. मध्य प्रदेश- भुट्टे का कीस
18. राजस्थान- दाल-बाटी चूरमा
19. हरियाणा- बाजरे की खिचड़ी
20. अरुणाचल प्रदेश- थुकपा
21. सिक्किम- मोमो
22. मिजोरम- मीसामाचपूरा
23. ओडिशा- चेन्नापोडा
24. छत्तीसगढ़- चिल्ला
25. झारखंड- दूस्का
26. उत्तर प्रदेश- टुंडे के कबाब
27. कर्नाटक- मैसूर पाक
28. नागालैंड- जुथो



रितिका, नवीं 'अ'

आधुनिकता से जुड़ी AI पहेलियाँ

पहेली 1:

ए.आई. क्या है, बताओ जल्दी से,
बुद्धिमता से भरा, कौन सा यह खेल है?

पहेली 2:

जवाब सोचो, गहरी चिंता में मत खो,
कौन-कौन से हैं, ए.आई. के उपयोग?

पहेली 3:

बूँद-बूँद से सागर बनता है,
जानता है सवाल का हर जवाब।
सोचता है कैसे, करता है यही काम,
कौन-कौन से हैं इसके नाम?

पहेली 4:

गति से गति, बदल रहा है यह,
बिना मानव हस्तक्षेप, कैसे करता है यह काम?

पहेली 5:

खोज-पता करता है, सुलझाता सवाल,
इसका नाम क्या है, बताओ जल्दी है बवाल!



विवेक महाजन, नवीं 'अ'

पहेलियाँ

- (1) तीन अक्षर का नाम है, आगे से पढ़ो या पीछे से मतलब एक समान है।
- (2) लाल डिब्बे में हैं पीले खाने, खानों में है लाल-लाल मोती के दाने।
- (3) बाहर से हरा अंदर पीले मोती के दाने, लोग हैं इसके दीवाने।
- (4) ऐसी कौन-सी चीज़ है, जिसका उपयोग करने से पहले उसे तोड़ा जाता है।
- (5) ऐसा क्या है, जो सिर्फ बढ़ता है और कभी कम नहीं होता है ?

उत्तर:

- (1) जहाज़
- (2) अनार
- (3) भुड़ा
- (4) अंडा
- (5) उम्र



चित्रेश, छठवीं 'अ'



गुरव देवांश सुजीत

मेरा उसका परिचय

मेरा उसका परिचय इतना
वो नदिया है, मैं मरुस्थल हूँ।

उसकी सीमा सागर तक है
मेरा कोई छोर नहीं है।

मेरी प्यास चुरा ले जाए
ऐसा कोई चोर नहीं है।

मेरा उसका इतना नाता
वो खुशबू है, मैं संदल हूँ।

उस पर तेरे दीप शिखाएँ
सूनी सूनी मेरी राहें।

उसके तट पर भीड़ लगी है
कौन करेगा मुझ से बातें।

मेरा उसका अंतर इतना
वो बस्ती है, मैं जंगल हूँ।

उसमें एक निरंतरता है
मैं तो स्थिर हूँ जनम-जनम से।

वो है साथ-साथ ऋतुओं के
मेरा क्या रिश्ता मौसम से।

मेरा उसका जीवन इतना
वो इक युग है मैं इक पल हूँ।

कर्तव्यों की बात

मैं संविधान हूँ। मेरा सृजन एक संविधान सभा के द्वारा किया गया था। मैं 26 जनवरी 1950 को अस्तित्व में आया था। मेरी शपथ लेकर बहुत से लोग जाने कहीं से कहाँ पहुँच गए और मुझे मेज़ पर ही पड़े छोड़ गए। मेरे मन में एक टीस हमेशा रही कि मुझे सबने साधन मानकर अपने हित के लिए उपयोग किया है। कभी मैं उनके लिए जीवन-मरण की वस्तु बन गया कभी फालतू। जिन्होंने मुझे रचा उन्होंने शुरू में सिर्फ मौलिक अधिकारों को मेरे पन्नों पर उकेरा था। देश के नेता और जनता अपने अधिकारों के लिए लड़ते-झगड़ते और तड़पते दिखाई देते रहे। लेकिन जब देश में 1975 में आपातकाल लगा और लोगों को जेल में दूँसकर उनसे कुछ आशाएँ की जाने लगी कि उन्हें क्या करना चाहिए और क्या नहीं करना चाहिए। तब मुझ में एक और पन्ना जोड़ने कि ज़रूरत महसूस की गई और 1976 में 42 वें संविधान संशोधन के रूप में 10 मौलिक कर्तव्यों की कपड़ों की तरह पहनाए गए और एक रुमाल के तौर पर 2002 में एक और कर्तव्य 86 संशोधन के तहत मेरी जेब में डाल दिया गया। अब जो अधिकारों के लिए मेरी टाँग खींचते थे उनको 11 मौलिक कर्तव्यों की चेन से बाँधने की अपेक्षा की जाने लगी। मगर बहुत दुःख होता यह जानकर और सोचकर कि उन 11 मौलिक कर्तव्यों को सिर्फ 11% लोग ही जानते हैं। उदाहरण के लिए कुछ का उल्लेख ज़रूरी है।

एक कर्तव्य है कि देश की संप्रभुता, एकता और अखंडता का पालन करें और उसे अक्षुण्ण बनाए रखें। आज पूरे देश में सबसे ज्यादा आक्रमण इसी पर हो रहा है। दूसरे कर्तव्य के अनुसार देश की रक्षा करें और ज़रूरत के समय राष्ट्रसेवा के लिए तत्पर रहें। इससे इतर आज लोग अपनी सेवा और मेवा का प्रबंध करने में जुटे हैं। एक कर्तव्य बताता है कि धर्म, भाषा, वर्ग और प्रदेश के आधार पर भेदभाव न करें जिसका पालन बहुत कम लोग करते दिखाई देते हैं। एक कर्तव्य है कि वन, झील, नदी और वन्यजीवन का संरक्षण किया जाए पर आज हँसी आती है ये देखकर लोग चीते के आने पर भी चेत जाते हैं और अपनी-अपनी पीठ ठोकने लगते हैं। मौलिक कर्तव्य में सबसे महत्वपूर्ण है कि सभी लोग संविधान के आदर्श, राष्ट्रध्वज, राष्ट्रगान और संवैधानिक संस्थाओं का सम्मान करेंगे। सबसे ज्यादा इसी मौलिक कर्तव्य का उल्लंघन हो रहा है। राष्ट्रगान के सम्मान की किसी को आपत्ति है तो बहुतों को संवैधानिक संस्थाओं की जाँच और कार्यवाही पर नाराज़गी।

मेरी आत्मा त्रस्त है यह देखकर कि देश का हर नागरिक अपने स्वार्थ पूर्ति में व्यस्त है और मेरे पन्ने हवा के तेज़ झोंकों में फड़फड़ा रहे हैं। आप सभी लोग इन्हें चीर-चीर होने से बचाने में मदद करें। राजपथ से उतरने का शौक मत बनाइए कर्तव्य पथ पर चलने का जश्न मनाइए, मेरी और भारत माता की एक ही बैकसीन है अपने कर्तव्यों को निभाइए।

आइए, हम प्रण लें कि इस देश की आत्मा को जीवित रखने के लिए अपने अधिकारों को पीठ पर लाद कर चलेंगे लेकिन अपने कर्तव्यों को सिर पर उठा कर आगे बढ़ेंगे। विकल्प कोई नहीं है सिर्फ संकल्प कीजिए, विष को त्याग कर विश्वगुरु बनने की उत्कंठा में अपने सपनों को संजोइए और स्वागत करिए एक अलौकिक सौंदर्य से परिपूर्ण अपने देश के भविष्य का।



प्रमिला चतुर्वेदी
वरिष्ठ प्रा.अध्यापिका



नरेन्द्र सिंह
स्नातक शिक्षक (वरिष्ठ)
प.ऊ.के.वि.क्र.2, रावतभाटा

मित्रता

मित्रता अनुभव से ही महसूस की जा सकती है मित्रता करना बहुत आसान है इसलिए मैं कहता हूँ यारों हमसे दोस्ती करो लगता नहीं यहाँ कुछ दाम करके निभा देना यह होगा बहुत मुश्किल काम वैसे तो मतलब की इस दुनिया में कौन किसी का होता है धोखा भी देते हैं वह जिन पर एतबार होता है पैसा पास जब होता है तब गैर भी अपने हो जाते हैं आती है जब गरीबी तब बने हुए रिश्ते भी टूट जाते हैं ऐसा ही कुछ हमारा कहना है एक अच्छा दोस्त हो तो तूफानों में भी डर नहीं लगता है जैसे कृष्ण व सुदामा की दोस्ती या फिर सुग्रीव व राम की मित्रता आज तो द्रोण और द्रुपद वाली दोस्ती ही दिखाई देती है द्रुपद राजा बने तो द्रोण का अपमान किया द्रोण ने द्रुपद को बंदी बना लिया फिर दोनों एक दूसरे के खून के प्यासे हो गए इसलिए मैं कहता हूँ दोस्ती में अनुभव रखो व सीखो तथा अनुभव मित्रता पर खरा उतरना चाहिए तभी दोस्ती काम देती है।



Staff Photo

ATOMIC ENERGY CENTRAL SCHOOL-2 RAWATBHATA



परमाणु ऊर्जा केंद्रीय विद्यालय-2, रावतभाटा-323307
(प.ऊ.शि.सं., परमाणु ऊर्जा विभाग का स्वायत्त निकाय, भारत सरकार)

CBSE Affiliation No.: 1730315
EMAIL : aecs2.rbt-dae@gov.in
UDISE Code : 08290422105

CBSE School Code : 14027
Phone : (1475) 233248
Website : www.aecsrbt2.nic.in