



ENDEAVOUR

Pimpri Chinchwad Education Trust's
S.B.PATIL PUBLIC SCHOOL
CBSE Affiliated & NABET Accredited

Scribido
THE YOUTH LITERATURE CAMPUS



PIMPRI CHINCHWAD EDUCATION TRUST
A Trusted Brand in Education Since 1990.

VOLUME 1 ISSUE 4 Arise, Awake & Stop not till the Goal is achieved. April 2017

An Interview with Babasaheb Purandare

We are thrilled to share some excerpts from our interview with Babasaheb Purandare, a prolific writer and theatre personality from Maharashtra, India.

Why do you like to write about Shivaji Maharaj?

I am very much interested in history. When I was 10 years old I started reading about Shivaji Maharaj. I just kept reading. And after a few years, I started to write. And it became my passion to write about him.

Did you expect your children to be a historian like you?

No. I just left them free to choose their own passion and I did not force anything about what I want them to be.

You made a play, "JANATA RAJA". In that you took real animals. Were there any difficulties in doing this?

No. there was nothing difficult in that. We just had to train them. .

The animals could have harmed anyone. How did you control them?

The animals did not harm anyone as they were controlled and trained by experts. Everyone on the se was nice to them, so there was no question of any harm. . So there was no chance of any harm.



Please tell something about the "Shivshrushti".

There will be many things exhibited there. There are 23 horses, books, swords, weapons, armors, etc. There will be a spacious library for historical books. Other than this, many historical objects will be exhibited there. There will be much to learn about Shivaji Maharaj.

- Kalyani Patil VI A

The Scout And Guide Summer Camp

The Scouts & Guides summer camp was held for the first time in our school on 18th February 2017. It was for the 7th and 8th graders. Mrs. Shama Shikalgar, who is the Pune district Scouts & Guides Training Commissioner was the distinguished Chief Guest for the Camp.

The ceremony began with flag hoisting by the Guest of Honor- Mrs. Shama Shikalgar, in the presence of Principal Ma'am Mrs. Madhubala Gairola, School Coordinator Mrs. Padmavati Banda, Scouts and Guides In-charges Mrs. Vandana Sangle, Mr. Kuldeep Ghadge Sir, Sports In-charge Mr. Dhanaji Patil, Mrs. Deepika Kannao, Mrs. Manjusha Nathe, Mrs. Suchita Phulari and Mrs. Yogita Deshmukh and the reciting of Scout / guide prayers. Then, the students gave their introduction and shared a few skills taught in the school.

The guest gave an informative lecture on the scout guide flag and the etiquettes and mannerisms of the Scouts & Guides. The students were also taught about various techniques of tying the knots with the ropes and its uses in day to day life. As a part of this activity, students were assigned to make different food items. They made various delicious items for everyone to relish and share. Before eating, the students were told to learn about the etiquette and mannerisms of hygiene and washing hands before a meal. Shortly after lunch the students were joined by Mr. Satyajit Patil who is the Pune district Scout / Guide training organizing commissioner. The students then proceeded to play various games like Messenger of Peace and Unity, then an emergency camp building program, first aid, bandaging, etc. The students were taught how to arrange and assemble the tent on the ground with available materials like bed sheets and sticks. Shama Ma'am and Satyajit Sir were appreciated for their contribution to this event and were



felicitated by our Principal for gracing the event. The activity was enjoyed by all as it was both educative and informative.

- Scribido Journalist
of the Month
: Mrunali Dangle VIII B



"Parts of the School Counselor"



Mrs. Manasi Saptanekar's

My Dear Mom and Dad...
All I want is a

CARING

C - Commitment
A - Allow me to make mistakes
R - Resourceful
I - Interest in me
N - Neutral while enquiring
G - Grow with me

Happy Family

PARENT

P - Patience, Positive,
A - Always Attentive
R - Respond than React
E - Encourage and Be Enthusiastic
N - Nurture my Emotional needs
T - Time and Be Tolerant

ATTITUDE

Reviews of the Month



Motor Bikes – Wow! An excellent book on motorbikes and their history. It talks about old ones to the futuristic bikes. Anybody who likes bikes and reads this book will be surprised and thrilled.

- **Bryan Binu VI C**



Every month students borrow and read many books from the S.B Patil Public School library and submit reviews of the books they liked the most. Here are some excerpts of those reviews: 100 Facts Flights: Amazing books which tell about how engines of the planes work and their different kinds like the Rockets, Helicopters, jets and Fighter planes. I liked this book very much and recommend this as an amazing read.

- **Yash Sail VIII B**



Pseudonymous Bosch – This Isn't what it looks like! – Everything in this utterly – gripping mystery novel is a secret. This is the fourth book in the dangerously addictive SECRET SERIES. This book is a contemporary teenage fiction filled with mystery, adventure and humor. This book is a must read! But Remember – "It's completely TOP SECRET!"

- **Kanak Joshi IX B**



A.P.J Abdul Kalam - Scientist & Humanist: This book gave a lot of knowledge, courage and motivation to me. This book gives a glimpse of experiments and inventions by our late president and scientist Dr. A.P.J Abdul Kalam.

Some of his famous thoughts were very inspiring like:

1. "To live only for a superficial future is unknown."
2. "We should not give up and allow the problem to defeat us"
3. "To succeed in your mission, you must have single-minded devotion to your goal."

- **Ketan Holkar IX A**



Geronimo Stilton – The Journey through Time: A good read for those who are interested in dinosaurs, pyramids and way of life in ancient and medieval times. This book gives many interesting facts about how Dinosaurs became extinct, how the great pyramid of Giza was built and what life was like in King Arthur's court. Holy Cheese! It was an adventure through history when the king travelled from prehistory to ancient Egypt and the medieval period.

- **Jagannath Ipper VII B**



High School Musical – The series of High school musical books are simply awesome. I have seen the movies but the kind of fun we get from reading the books that we can, can never get by movies. As all the 3 movies and the books are there in the school library. I am like waiting for the issue date so that I get the next book in my list to read. HSM is kind of dramatic, talks about friendship, musical etc. and I love that kind of books. I would love to get more books like this.

- **Apurva Phulari IX B**



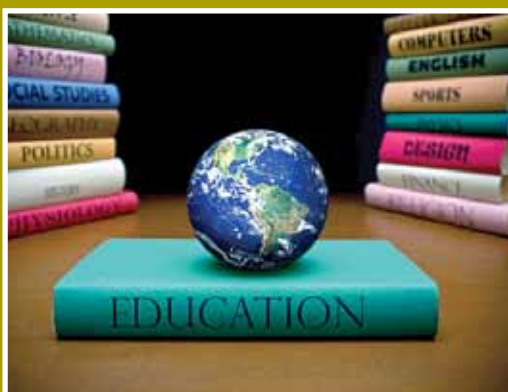
Good Reading Habits & How To Be A Voracious Reader

The statement that reading is a good habit is a self-obvious truth. Man is not a mere child of instincts. It is brainpower that makes a difference between him and animals. Naturally a love for books ought to be his natural inclination.

Naturally if a taste for good books can be created in a person then it shall contribute substantially to his/her career.

To induce good reading habits, the reader must be made to feel that what is good in a book is really so. It is easier to improve one's judgment because it is a question of reason or logic. But it is difficult and a painstaking affair to improve one's taste, because it is a question of feeling. But merely saying that a good book is really good will not do. One has to involve the reader in healthy debates or discussions. The different aspects of 'good reading' have to be discussed freely.

Reading is one of the most fundamental skills a child needs to learn to succeed in life. Developing good reading habits is vital to



your child's future not just academically, but in everyday life as well. Here are five reasons you should develop reading habits young, and why they are so important.

- ▶ Reading develops vocabulary
 - ▶ Reading increases attention span
 - ▶ Good reading habits prepare children for school
 - ▶ Developing reading habits early leads to a lifelong love of books
 - ▶ Reading encourages a thirst for knowledge
- There are many benefits you can get by being

an avid reader. Here are some of them:

- It broadens your perspective
- It helps you be more creative
- It relaxes your mind
- It gives you a deeper appreciation of the world
- It enriches your conversational repertoire

How to Become a Voracious Reader :- Now that you know the benefits of becoming an avid reader, here are some ways to become a voracious reader

- ▶ Build your curiosity
- ▶ Teach yourself to read in small sips as well as in long swallows
- ▶ Read diversely
- ▶ Immerse yourself in your reading

- **Gargee P. Dashputre Std. IX, Div. :- B**



Achivements in the External Exams in 2016-17

As we all know that S.B. Patil Public School conducts external exams for its students and encourages them to participate in these exams to enhance their academic potential as well as ability to face and succeed in tougher exams in future. Not only do these exams help them to excel in their school subjects and make them competent enough to succeed in challenging subject-related exams, but also make them aware about the new horizons and possibilities in the field of education. These exams pertain to subjects like science and technology, maths, computers etc. Also, by giving these exams students realize their own academic as well as intellectual potential by developing their interest in them and help them in choosing a prospective career in the future. Our Students participated with enthusiasm for various such exams last year. Among our student achievers, there were 18 merit holders in the IQube exam with Master Uday Parmar from Class VII B being chosen as the School Ambassador for this exam.



Uday Parmar VII B – School Ambassador fo IQUBE (NOW IN VIII B)

Following is the list of exams with with the participant list in the academic year 2016-17:

EXTERNAL EXAMS ACHIEVERS LIST 2016-17				
TEACHER INCHARGE: MRS. AYESHA S.				
List of Exams Conducted in 2016-17				
Sr.No	Name Of Exam	Total No Of Students	Passed	Second Level
1	Nco	127	All	3
2	Nso	257	All	10
3	Imo	254	All	11
4	Ieo	292	All	
5	Ntse	63	All	
6	Iqube	82	All	18 Merit Holders
7	Homi Bhabha	13	All	
8	Nao	88	All	2
9	Isro	85	All	
10	Green O	23		3 Merit Holders

IQUBE- Level- II			
Sr.No	Name	Class	Level
1	Gargi Raut	III A	2ND
2	Preeti Bhise	III C	2ND
3	Mahendra Patil	III C	2ND
4	Santosh Tiwari	III C	2ND
5	Sandeep Nawal	III E	2ND
6	Mahendra Shete	IV A	2ND
7	Prakash Patil	V B	2ND
8	Hiralal Verma	V B	2ND
9	Abhijeet Bhagwat	V C	2ND
10	Raman Jha	VI A	2ND
11	Amod Sule	VI B	2ND
12	Digambar Gaike	VII B	2ND
13	Risbood Kedar	VII B	2ND
14	Uday Parmar	VII B	2ND
15	Subhashree Behera	IV B	2ND
16	Ravindra Singh	V A	2ND
17	Sandeep Tanwer	V B	2ND
18	Anup Zade	VI B	2ND



School Ambassador



NAO- Level- II				
Sr.No	Name	Class	Level	
1	Tanvi Chinchwade	V A	2ND	86.67 % - GOLD Medal
2	Rishan Naik	V A	2ND	76.67 %- SILVER Medal

10th IMO- Level -II			
Sr.No	Name	Class	Level
1	Ananaya Bhatnagar	III A	2ND
2	Ojas Dhall	III B	2ND
3	Atharva Bhise	III C	2ND
4	Darsheel Mali	III D	2ND
5	Jitesh Reddy	III D	2ND
6	Riyaan Shetty	IV A	2ND
7	Shreya Kadam	IV A	2ND
8	Ritu Shinde	V A	2ND
9	Himanshu Jha	VI A	2ND
10	Rudra Patil	VII B	2ND
11	Sudhanshu Jha	VIII B	2ND

NSO- Level -II			
Sr.No	Name	Class	Level
1	Atharva Bhise	III C	2ND
2	Aditi Bhole	IV A	2ND
3	Arpit Channikar	IV A	2ND
4	Shreya Kadam	IV A	2ND
5	Sanika Joshi	IV B	2ND
6	Naman Khanna	V B	2ND
7	Shravani Zade	VI B	2ND
8	Atharva Marne	VI B	2ND
9	Paras Risbood	VII B	2ND
10	Anish Joshi	VIII B	2ND

वोहदिन

जब पत्थर के टुकड़ों से
मीनार बनाया करते थे
गेंदों पीछे पड़ जाए
बस इसी बात से डरते थे
चाक से खींची लकीरें
लक्समन रेखासी बन जाती थी
जिसका बल्ला होता था
पहले बैटिंग उसकी आती थी
याद है जब नालीसे तुमने
गेंदको लेकर निकला था ?
बिन धोये हीज़टसे उसको
दोस्त की तरफ उछाला था !
रिटायर्ड अंकलके घरपे
बॉल जबभी जाती थी,
वापस उसको लाने में,
शामतसी आजाती थी,
बचपनके वह दिन
बहुत याद आते हैं.



Contributed by - Yashraj Singh

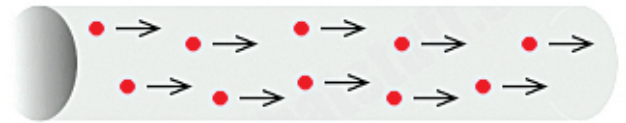


The History of AC and DC Current

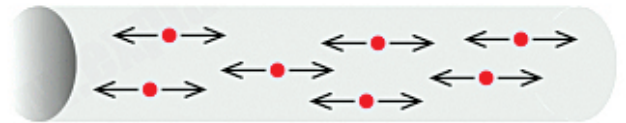
You all would know about AC and DC current. They are the two types of electrical currents that we use in our day-to-day life. DC is the less powerful source of current invented by Sir Thomas Edison in the year 1882. This current was weaker than AC. AC current was invented by Sir Nikola Tesla in year 1886.

The reason for the invention of DC current was when Sir Thomas Edison invented the first light bulb but there was no proper way to supply electricity in those days, so he made a machine which generated electricity and then supplied it to the parts of the city or the place. At time Sir Nikola Tesla was a student in the college he used to get many strange ideas, which no one thought can be. After his education he joined Thomas Edison's company and received a high post in just some years but one day he went to Sir Thomas Edison with an idea of improving the DC current system as this current can be supplied on to a circular area of 80m radius because when the current was passing it gets weaker because of resistance. Sir Thomas Edison ignored him, soon he had left the company because of his system. He worked very hard for this system. He faced many problems too. The name AC (Alternating Current) itself tells how it works, the current moves back and forth in the cable, this back and forth movement lead to its AC Current. After completing the work he shown it to many people but no one was with him leaving one, The Westinghouse Company. The people in this company thought that this current was useful and soon the AC Current was used more than DC. Sir Thomas Edison thought that this will

Direct current (DC)



Alternating current (AC)



lead to a big loss and so he always tried to stop Sir Nikola Tesla and this led to the War of Currents. He also invented the torture chair based on AC Current to show how dangerous it is to use AC Current, this was used to kill the people who were committed to death by the Government of US. This led to a huge loss to The Westinghouse Company but while doing this Thomas Edison's company was in loss to and it was bought by other company and was named as GE (General Electronics). The last invention in this war of currents was the world first Hydroelectric Plant by Sir Nikola Tesla on the world's longest waterfall the Niagara Falls.

- Shardul Nalegave



I wish I were a Tree

I wish I were a tree. I would look beautiful with colourful flowers. I would have many hands and a big trunk. The birds would make their nests on me and they would chirp on my branches, in their nests. Monkeys and other animals would play on me. I would give shelter to all. I would give fruits and vegetables to all. I would give shadow and protect people from sunlight. I would take the CO2 and give out oxygen, so that everyone could breathe fresh air. I would cause rain with my friend trees. I would help in making many clouds to give us heavy showers of rain. I would give medicines like the neem, turmeric, coconut and aloe vera. I would help decrease the global warming and pollution on this planet. I would help life to be happy and healthy. I would only require water, soil, sunlight and a little care. Only one seed would give birth to me but I would give many seeds to have many trees like me. It would be great to be a tree.

- Abhiraj Sasane V B



When the Mathematicians quoted..

- 1) Mathematician knows how to solve a problem. He cannot solve it. – MILNE.
- 2) Mathematics is the queen of sciences and Arithmetic's the queen of mathematics. -GAUSS
- 3) Mathematics is the art of studying and saying many things, but in different ways. -Maxwell
- 4) Everybody of discovery is mathematical in form because there is no other guidance we can have - Darwin
- 5) Mathematics is a most exact science and its conclusions are capable of absolute proofs - CP STEINMETZ
- 6) Natural numbers are the product of human spirit. - Dedekind
- 7) Geometry as a logical system is a means and even the most powerful means to make children feel the strength of the human spirit that is of their own spirit. - H. Freudenthal
- 8) Mathematics is both the queen and the hand-maiden of all sciences - ET Bell'
- 9) With the calculus as a key, Mathematics can be successfully applied to the explanation of the course of nature - WHITEHEAD
- 10) Statics may be rightly called the sciences of averages and their estimates – A.L. BOWLEY & A.L. BODDINGTON
- 11) Where a mathematical reasoning can be had, it is as great a folly to make use of any other, as to grope for a thing in the dark, when you have a candle in your hand - JOHN ARBUTHNOT

- Naman Sharma

VII B



Here is a list of Francophone countries with good to know knowledge

North America

- Canada- Canada is a fully bilingual country and French and English are the official languages throughout Canada. However, you will hear French spoken almost exclusively in the areas of Québec and Acadia. (Acadia speaks a dialect of French.)
- Haiti - Sharing the island of Hispaniola with the Dominican Republic, Haiti declared its independence in 1804 (although it wasn't until later that other nations recognized them as such.) The official languages are French and Haitian Creole.



Europe

- Belgium - French is one of three official languages in Belgium. French is spoken predominantly in the southern half of Belgium. While there are some differences in pronunciation and words, for the most part Belgian French is going to sound the same as a neutral French in France.
- France - Of course most francophones live in France.
- Luxembourg - This tiny European country that stands in the divide between Germany and France, is trilingual. Luxembourgish, German and French are all three official languages.
- Monaco - Monaco is a tiny country completely enclosed by France. While it is an independent constitutional monarchy, France is responsible for its defense. The official language is solely French.
- Switzerland - Living up to its neutral reputation, Switzerland boasts four official languages including French, Italian, German and Romansh.

Africa

- Benin - French is the official language spoken in Benin. It was a colony of France until 1960, when it was granted full independence.
- Burkina Faso - French is the official language of Burkina Faso, however, they also recognize a couple of regional dialects. They were granted full independence from France in 1960.
- Burundi - French, is one of three official languages in Burundi. (Swahili and Kirundi are the other two official languages.) Burundi along with Rwanda formed the Belgian colony Ruanda-Urundi. In 1962, Burundi declared its independence from Belgium and called for Rwanda and Burundi to be separated. Burundi has been plagued with ethnic violence.
- Cameroon - French and English are the official languages of Cameroon. After WWI, German-controlled Cameroon was divided

between the English and French. However, in the early 1960's both portions of Cameroon gained their independence and formed the United Republic of Cameroon.

- Central African Republic - French and the African language of Sango are spoken here. The Central African Republic was formed when they gained their independence from France in 1958.
- Chad-The official languages of Chad are French and Arabic, however, Chad is home to over 200 ethnic and linguistic groups.
- The Comoros-The official languages of these African islands are Arabic and French. The Comoros consists of four islands and one of the islands, Moyette, is still considered an overseas territory of France.
- Democratic Republic of Congo - French and the local language of Lingala are the official languages. The Democratic Republic of



Congo was a Belgian colony.

- Djibouti - This African country gained its independence from France in 1977. Its official languages are French and Arabic.
- Gabon - Another country that was once part of French Equatorial Africa, the official language is French.
- Guinea - Formerly known as French Guinea, this African country was the first to gain independence from France in 1958. French is the sole official language.
- Côte d'Ivoire - Like many countries, the Côte d'Ivoire was a French colony and gained independence in 1960. Its official language is French.
- Madagascar-This island nation is trilingual; its official languages including English, Malagasy as well as French. It is an autonomous nation within the French community.
- Mali - Mali declared its independence from France in 1960. French is the sole official language of Mali.
- Niger - Hausa and French are the two official languages of this African country. Like other African countries in the region, it was once a French colony and declared its independence from France in 1960.
- Republic of Congo - While the official language of the Congo is French, the country does recognize other local languages and dialects.
- Rwanda - You are likely to hear Kinyarwanda, French or English in the part of Africa.
- Senegal - Although French is the official working language of Senegal, you are also likely to hear Wolof which is regionally

recognized and spoken by 94% of the Senegalese.

- Seychelles-This African island nation speaks both French and Seychellois Creole along with English.
- Togo - Another country in Africa that gained its independence from France in 1960, French is the sole official language of Togo, although you'll likely hear a variety of tribal dialects.

South Pacific

- French Polynesia- Tahiti, and several other islands of French Polynesia, use French as an official language, alongside Tahitian.
- Vanuatu - Vanuatu is a South Pacific island where French is an official language, along with Bislama and English.
- New Caledonia- Although it could become an independent state in the near future, this South Pacific island is still part of the French Republic, and still uses French as its official language.
- Iles de Hoorn- Two French islands: Wallis & Futuna and Alofi make up this pair that are still part of France and use French as an official language.

Other Countries Where You Might Hear French
While French has no official status, the following countries have been in some way, shape, or form, been influenced by France and consequently you are likely to hear at least some French spoken in these countries as well:

- Albania (Europe)
- Algeria (Africa)
- Andorra (Europe)
- Bulgaria (Europe)
- Cambodia (Asia)
- Cape Verde (Archipelago off west coast of Africa)
- Dominica (Caribbean)
- Egypt (Africa)
- Equatorial Guinea (Africa)
- Greece (Europe)
- Guinea-Bissau (Africa)
- Laos (Asia)
- Lebanon (Middle East)
- Morocco (Africa)
- Macedonia (Europe)
- Mauritania (Mauritania)
- Mauritius (Island off African coast)
- Moldova (Europe)
- Romania (Europe)
- Saint-Lucia (Caribbean)
- Sao-Tomé et Príncipe (Island off the African coast)
- Tunisia (Africa)
- Vietnam (Asia)

As you can see by this list, the French have exerted influence far and wide throughout the world. It is one of the most popular languages spoken.

- Premjeet Patil
Teacher of French Language



Facebook friendship

The greatest gift of god to us is a friend and a true friendship. A friendship is a relationship of mutual affection between two people. The time which we spend with our friends is really memorable. But now-a-days children are more on computer chatting with their Facebook friends instead of playing on the ground. More than ever, society has grown dependent on social networking sites.



Facebook has changed the world. People can have friends from any part of the world. It has kept a lot of long-distance relationship. It seems that Facebook has brought many people together but it also has its negatives. People have forgotten to interact with others face-to-face. Through Facebook we can communicate with people from different parts of world but it has numerous negatives which are bad.

Facebook can actually bring out improvement in the quality of distant relationship. But "Facebook benefits weaken the friendship." People feel comfortable to speak to others on social media rather than at person. Due to the social media websites like Facebook, a new meaning to friendship has come to light, an idea where you can talk to someone online but never physically meet them. Facebook may allow people to communicate around the world but it also brings people apart from each other. For the new generation, Facebook has taken the place of family, friends, relatives, etc. For the young people who don't have a great communication with their parents, spend more hours online. Having friends online is a good thing but people spend a lot of time chatting with the people who are far away from them instead of concentrating on those around us. There are many bad things that come from the usage of Facebook or any social media website. All good things come with a cost; the cost of Facebook is too big for all bad things that come with it.



- Tanaya. M. Ajar
VIII B

Van Mohastav

The Government encourages people to plant trees in various ways, such as celebrating Van Mohastavs in the beginning of the rainy season. Similarly, under the social forestry scheme of the government rural people are encouraged to plant more trees for wood, fuel, fodder & timber. To prevent deforestation & conserve wildlife, the government has declared several areas as reserve forests cutting of trees & killing of wildlife in these forest is not permitted. They are known as Wildlife sanctuaries & National parks. VAN MOHASTAV Was started by MR.K.M.MUNSHI in 1950 In 1974 villagers in the hills of uttarakhand started a novel method of preventing deforestation. They put their arms around trees & hugged them tightly & refused to move. Later, it was known as chipko movement. Chipko movement was started by Mr. Sunderlal bahugana



Dr. A. N. Yellappa Reddy

He was posted in Karnataka & served in various capacities in the state. His area of interest was conservation of natural forests, and protection of endangered animals & plants of western ghats. He developed innovative nursery Techniques for over 150 native species of western ghats of India. His successful development & implemented Innovative Eco-restoration technologies & biostrategies for restoration of the most degraded areas of western ghats. Revived areas of original native vegetation by adopting appropriate enrichment techniques.



- Janhavi R Hivarekar VII A

The Raman Effect

National Science Day is celebrated all over India with great enthusiasm on 28th of February every year in order to commemorate the invention of the Raman Effect in India by the Indian physicist, Sir Chandrasekhara Venkata Raman on the same day in the year 1928. For his great success in the field of science in India, Chandrasekhara Venkata Raman was awarded and honored with the Nobel Prize in the Physics in the year 1930. Chandrasekhara Venkata Raman was born on November 7, 1888 in the city of Trichinopoly, Madras Presidency, British India. Today the city is known as Tiruchirappalli and sits in the Indian state of Tamil Nadu.



Raman and Rayleigh Scattering

Lord Rayleigh, a Noble Prize winner in Science when saw his work believed that the teenage Raman's papers were the work of a professor, had been one of the great physicists of his day. He had won the 1904 Nobel Prize in Physics. His importance to Raman's story is that Rayleigh had been the first to explain why the sky is blue. He had then explained the sea's color by saying it was simply a reflection of the sky's color.

Raman's part-time research work and his lectures were impressive, establishing his reputation as a highly talented physicist. In 1917 the University of Calcutta sought him out and offered him the Palit Chair of Physics. Although it meant a substantial cut in pay, Raman, now aged 28, accepted – the prospect of devoting all of his time to science was worth more to him than money. Although it was a research professorship, Raman also chose to give lecture courses: he was an exciting lecturer and he inspired his students. One day, in the summer of 1921, Raman was on the deck of a ship in the Mediterranean Sea en route to the Congress of Universities of the British Empire at Oxford. He looked at the beautiful blue color of the Mediterranean Sea and began to doubt Rayleigh's explanation of its color. Rayleigh had correctly explained that the sky looks blue because of a phenomenon now called Rayleigh scattering.

Raman discovered that when light interacts with a molecule the light can donate a small amount of energy to the molecule. As a result of this, the light changes its color and the molecule vibrates. The change of color can act as a 'fingerprint' for the molecule. Today Raman spectroscopy, which relies on these 'fingerprints,' is used in laboratories all over the world to identify molecules and to analyze living cells and tissues to detect diseases such as cancer.



- Contributed By Ayush Pratheesh VII A

Life

What is life? What is life?
Poor says...
Life is pain
Nothing to gain
Heart with Fear

Clown says...
Life is a joke
Joy of folk
Hearing laughter
Pains get softer

Saint says...
Life is a creation
Saint's devotion
Love & affection
It is a mission

For me...
Life is passion
Full of emotion
Life is mystery,
A big chemistry

Philosopher says...
Life is really fun
Earth's love for sun
A battle with a gun
No plans to run



- Akshaya Tanpure
VI B

“The Friendship Titles”

We all have a lot of friends who play a different yet important role in our lives. So, I’ve grouped them in some categories... and I am sure that many of us can relate to them and award your buddies “THE FRIENDSHIP TITLES”.

The Super-Helper:- Let it be your art assignment or a boring science model, this is the friend who’s to the rescue. This friend proves the famous proverb: “A Friend in Need is A Friend Indeed.”

The Clowns:- These are the cartoons of the class. From friction to Shakespeare they have the superpower to crack jokes on anything. **The Brainiac :-** They are the ones who top in the class without really trying. When you ask them, they will reply ‘I just studied, you should try it sometime.’

Always On-line Friend:- This is a person who replies to your messages in less than 30 seconds they get delivered. It makes you to think sometimes that are they so desperate to talk to someone?

The Sensational Singer:- This is a friend whom you can sing with almost anytime. With them, there is never a shortage of songs. **The Serial Killer:-** Imagine in an examination hall, you are solving the question paper with full concentration and then someone pokes



you from behind and asks “Did you watch the season’s finale of Quantico last night?” This makes you wonder that how can someone be that weird?

The Annoying Friend:- They mess up your hair, they tease you with stupid songs, they call you with silly nicknames and put the blame on you after creating a scene. But then you accept that the day would be lifeless and boring without them.

The Best Friend:- This buddy deserves a special title. They know your deepest, darkest secrets. They can always light up your mood. They’re basically the combination of all the above categories. You fight with them, you irritate them, but you always know that you are nothing without them.

Friends are important. After growing up, you realize that all the best memories from your childhood, consists of the friends we make through our life. They are no less than treasure, don’t lose them.

- Kanak Joshi,
IX B

Interesting Facts about India

- ▶ India’s first successful Mars Orbiter Mission- Mangalyaan, completed a 400-million km long journey to Mars ,thereby becoming the first Asian country and fourth in the world to undertake a mission to the red planet.
- ▶ The world’s highest cricket ground is in Chail, Himachal Pradesh. Built in 1893 after leveling a hilltop, this cricket pitch is 2444 meters above sea level .
- ▶ India is the largest English speaking nation in the world.
- ▶ India is the only country other than US and Japan, to have built a super computer indigenously.
- ▶ India has the second largest pool of Scientist and Engineers in the world.
- ▶ 100 million people come to India’s Kumbh Mela Festival, the world ‘s biggest gathering of humans.
- ▶ India’s Hindu calendar has 6 seasons; spring, summer, monsoon, autumn, winter and prevernal.
- ▶ Ayurveda is the earliest school of medicine known to mankind. The Father of Medicine, Charka, consolidated Ayurveda 2500 years ago.
- ▶ The world ‘s biggest family lives together in India: a man with 39 wives and 94 children.

- Sonu Kanojia IX B



Funny Bones

1. Why were the students making faces during the civics period?

Ans: They had just learnt about ‘Freedom of Expression’

2. Why did the student miss his history exam?

Ans: He mixed up the dates.

3. Why did the students skip the chemistry lecture?

Ans: She had a reaction

4. Which is a teacher’s favorite dance?

Ans: The Atten’dance’.

5. The subject whose weight can be measured is....?

Ans: ‘Gram’mar

6. Which piece of stationary bosses everyone around?

Ans: The Ruler

- Saatvika Kurre
VII A



Points to Ponder

- What is it that no man wants, but no man wants to lose? - A lawsuit
- What tastes better than it smells? - A tongue.
- What two things can you never eat for breakfast? - Lunch and dinner!
- What is brown and sticky? - A stick!
- When are 99 more than 100?
 - A microwave for '99' it runs for 1 minute and 39 seconds.
 - '100' runs for 1 minute.

- By- Pragati Chougule
VIII A



The Bermuda Triangle

The Bermuda Triangle is a mythical section of the Atlantic Ocean roughly bounded by Miami, Bermuda and Puerto Rico where dozens of ships and airplanes have disappeared. Unexplained circumstances surround some of these accidents, including one in which the pilots of a squadron of U.S. Navy bombers became disoriented while flying over the area; the planes were never found. Other boats and planes have seemingly vanished from the area in good weather without even radioing distress messages. But although myriad fanciful theories have been proposed regarding the Bermuda Triangle, none of them prove that mysterious disappearances occur more frequently there than in other well-travelled sections of the ocean. In fact, people navigate the area every day without incident.

The area referred to as the Bermuda Triangle,

or Devil’s Triangle, covers about 500,000 square miles of ocean off the southeastern tip of Florida. When Christopher Columbus sailed through the area on his first voyage to the New World, he reported that a great flame of fire (probably a meteor) crashed into the sea one night and that a strange light appeared in the distance a few weeks later. He also wrote about erratic compass readings, perhaps because at that time a sliver of the Bermuda Triangle was one of the few places on Earth where true north and magnetic north lined up. The area referred to as the Bermuda Triangle, or Devil’s Triangle, covers about 500,000 square miles of ocean off the southeastern tip of Florida. When Christopher Columbus sailed through the area on his first voyage to the New World, he reported that a great flame of fire (probably a meteor) crashed into the sea one night and that a strange light appeared in the distance a few weeks later. He also wrote about erratic compass readings, perhaps because at that time a sliver

of the Bermuda Triangle was one of the few places on Earth where true north and magnetic north lined up. The disappearances are ascribed to UFO's and alien activity, city of Atlantis lost under the triangle, and various other technical, natural and geographical reasons. At least 1000 lives are lost within the last 100 years. On average, 4 aircraft and 20 yachts go missing every year. One of the biggest and famous losses of US Military occurred in 1945. Five US Navy Avenger torpedo bombers flew from Fort Lauderdale, Florida for a sortie to the island of Bimini. The mission had 14 men. After about 90 minutes, the radio operators received a signal that the compass was not working. After that the communication was lost. The bombers were never found. The three planes that went for their rescue also disappeared.



- Angad Basan VI B

Education is a Necessity

Education and human life are closely connected with each other. One has to acquire education so that human life becomes a complete whole. Education has four main aims. Firstly education is needed to develop the personality of a student and to enable him to earn his bread. Secondly education should enable him to play his role as a citizen in a democratic country.

The third purpose of education is to inspire a student to develop all his hidden powers. The fourth aim is to build character of the individual or a student.

Population is increasing at a large scale in modern times and there are many unemployed youths. Therefore, today education is a means to attain jobs. It is therefore an obligation of the country and the governments to make arrangements to give not only general education but Technical and Vocational training also. India is a democratic country. Democracy cannot fully succeed unless its citizens are educated.

If a proper system of education is not there its

citizens can be exploited by selfish politicians and business pirates.

Education helps a man to grow to his full stature. It enables him to develop his latent powers and faculties of nature. It helps him to develop his mental and spiritual powers. Education is only tool for building the character of an individual. The first thing in which an individual is trained is social behaviour. Without education man cannot learn the art of living with others. A really educated person is transformed individual. To him, the world becomes a bigger and more charming place. He is able to see more beauty and variety in the world. Unfortunately, character training and development of mental and spiritual potentialities are not given a proper place in the modern education system. The present system of education is the just the passport to the boys for employment and to the girls for their marriage's. Even our political world reflects a picture that education has not succeeded in its primary aim.

- Anish Khadamkar
VII A



Essay on Women Empowerment : Its Meaning and Importance



Women Empowerment refers to increasing and improving the social, economic, political and legal strength of the women, to ensure equal-right to women,

and to make them confident enough to claim their rights, such as:

- freely live their life with a sense of self-worth, respect and dignity,
 - have complete control of their life, both within and outside of their home and workplace,
 - to make their own choices and decisions,
 - have equal rights to participate in social, religious and public activities,
 - have equal social status in the society,
 - have equal rights for social and economic justice,
 - determine financial and economic choices,
 - get equal opportunity for education,
 - get equal employment opportunity without any gender bias,
 - get safe and comfortable working environment,
- Why Women Empowerment is Important?

1. Under-employed and unemployed: Women population constitutes around 50% of the world population. A large number of women around the world are unemployed. The world economy suffers a lot because of the unequal opportunity for women at workplaces.

2.Talented: Women are as talented as men. Previously, women were not allowed higher education like men and hence their talents were wasted. But nowadays, they are also allowed to go for higher studies and it encourages women to show their talents which will not only benefit her individually but to the whole world at large.

4. Overall development of society: The main advantage of Women Empowerment is that

there will be an overall development of the society. The money that women earn does not only help them and or their family, but it also help develop the society.

5. Economic Benefits: Women Empowerment also leads to more economic benefits not to the individuals but to the society as well. Unlike earlier days when they stayed at home only and do only kitchen stuffs, nowadays, they roam outside and also earns money like the male members of the society. Women empowerment helps women to stand on their own legs, become independent and also to earn for their family which grows country's economy.
6. Reduction in domestic violence: Women Empowerment leads to decrease in domestic violence. Uneducated women are at higher risk for domestic violence than an educated women.
7. Reduction in corruption: Women Empowerment is also advantageous in case of corruption. Women empowerment helps women to get educated and know their rights and duties and hence can stop corruption.
8. Reduce Poverty: Women Empowerment also reduces poverty. Sometimes, the money earned by the male member of the family is not sufficient to meet the demands of the family. The added earnings of women helps the family to come out of poverty trap.
9. National Development: Women are increasingly participating in the national development process. They are making the nation proud by their outstanding performances almost every spheres including medical science, social service, engineering, etc.
10. Irreplaceable in some sectors: Women are considered irreplaceable for certain jobs.

- Janhavi Sinha
IX



True Happines

Happy are those who know that
They are spiritual poor,
The kingdom of heaven belongs to them;
Happy are those who mourn;
God will comfort them.
Happy are those who are humble;
When they will receive what god promised.
Happy are those who's common and greatest
Desire is to do what god requires;
God will satisfy them.
Happy are those who are merciful to them.
Happy are the pure in heart;
They will see god truly
Happy are those who work for peace;
God will call them his children.
Happy are those who are persecuted,
Because they do what god requires;
The kingdom of heaven belongs to them.
Happy are you when people insult,
You and persecute you and tell
all.
Kinds of evil lies against you,
Because you are my followers.
Be happy and glad,
For a great, rewards are kept for
you in heaven.



- Saloni Kharche
VIII B

पहेलियाँ-ही-पहेलियाँ

१.तुम नबुलाओ मैं आ जाऊँगी,
न भाड़ा न किराया दूँगी,
घर के हरकमरेमें रहूँगी,
पकड़न मुझको तुम पाओगे,
मेरे बिन तुमनरह पाओगे,
बताओ मैं कौन हूँ?

२. गर्मी में तुम मुझको खाते,
मुझको पीना हरदम चाहते,
मुझसे प्यार बहुत करते हो,
पर भापबनूँतो डरते भी हो।

३. मुझ में भारसदाही रहता,
जगह घेरना मुझकोआता,
हर वस्तुसे गहरा रिश्ता,
हर जगह मैं पाया जाता

४. ऊपरसे नीचे बहता हूँ,
हर बर्तन को अपनाता हूँ,
देखो मुझको गिरान देना
वरना कठिन हो जाएगा भरना।

५. लोहा खींचू ऐसी ताकत है,
परबड़ मुझे हराता है,
खोई सूई मैं पालेता हूँ,
मेराखेल निराला है।

उत्तर : १. हवा २. पानी ३. गैस ४.द्रव्य ५. चुंबक ६. काँच
- Shivany Sonar VIII



Learning from Mistakes

Thomas Edison tried two thousand different materials in search of a filament for the light bulb. When none worked satisfactorily, his assistant complained, "All our work is in vain. We have learned nothing." Edison replied very confidently, "Oh, we have come a long way and we have learned a lot. We know that there are two thousand elements which we cannot use to make a good light bulb."

Moral: We can also learn from our mistakes.



Opportunity Never Knocks Twice

It's a story of young man who wanted to marry beautiful daughter of farmer. He went to father to ask for permission to marry his daughter. Farmer looked at him and said, "I will allow you to marry my daughter but you have to full fill one condition."

Further he continued and told him condition, "Son go out and stand out in field. I am going to release three bulls one at a time and you have to grab tail of any of three bulls. If you can catch tail of any one of three bulls then you can marry my daughter."

Young man went to field and stood there waiting for bulls to be released. The barn door opened and came out one of the biggest bull he had ever seen. So he decided to let this one go and wait for second bull. So he went over to side and let bull pass through.

Again next time barn opened for second bull. This one was bigger and even fiercer than previous bull. This time again boy thought that may be next one could be better choice so he ran to side and let bull pass through.

Now door opened for third and came last bull. Boy got a big smile on his face. This was the weakest bull he had ever seen. So he positioned himself and was all set to take on bull and grab his tail.

As bull came running by he jumped at exact movement. As he threw his hands to grab tail to his surprise this bull had NO Tail.

Moral: Life is full of Opportunities. So grab the first one.

- Jaya Teacher, Pre-Primary



The Heart of a Teacher

A child is brought to a teacher like a mystery box with puzzle pieces inside – some are broken, some are missing and others just seem to hide. But the heart of a teacher can sort them out and help the child to see the potential, talent and ability he has within himself. A teacher sees a clear picture of what a child would be. The teacher's goal isn't just to teach what is given in books and provide technical knowledge but to complete the puzzle. It's like holding and putting pieces together to create a beautiful art work. Although this process is painfully slow at times, some students need more time than others. For the teacher each child is a master piece.



First a teacher helps the child feel safe and secure in the classroom where he never feels threatened or afraid to try. For a teacher kindness is always the rule. A teacher knows that every child can achieve more when he feels secure. A teacher focuses on the strengths and not on the weakness. A teacher guides makes the child independent and instills optimism in the child. The child slowly discovers the joy that comes from learning new things and his vision widens. The picture takes form as more pieces fit and confidence to win grows. This picture gets meaning because a 'hero' is there in the heart of a teacher who cared, enabling the child to become much more than he ever imagined. Always remember that you get what you give.



- Mrs. Priyanka V Agarwal

Broken Angels

Sensitive people are the most genuine and honest people you will ever meet. There is nothing they hide about themselves if they trust you. However the moment you betray or reject or devalue them, they become the worst type. They are angels with soft hearts but broken wings which only fly when loved and cared for.



- Vaishali Baynoor



A Healthy Drink



Picture Sudoku

?	?	



A Pretty Picture Window!

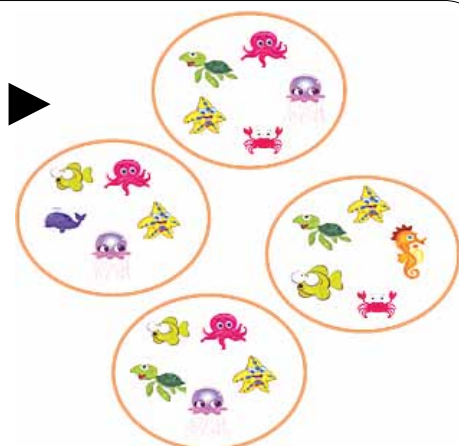


1 2 3 4 5 6 7 8 9 10

Minnie is setting up her boutique's window with colourful bows. LOOK AT the bows on display and COLOUR the last one she is going to set out to nicely complete the arrangement. How many bows can you COUNT in the picture?

LOOK
carefully at
the four pictures
below.

There is one thing
that is common to
all the pictures.
Find it.





Snakes & Ladders



Prize won by the student in a game



Ceramic pot making by Sr.Kg



Climbing on the net during the Summer Camp



Blowing a Rajma seed with a Straw and placing it on another plate.



Opening by the grandfather on Funfair day



Paani-Puri & Bhel Party during Summer Camp



Rain Dance in summer camp



Story - Cartoon Movie



Author Talk with Marathi Writers



Marathi Diwas Celebration



Achievements in External Exams



Warm-up Exercise during the Summer Camp



Marathi Writers Rajan Lakhe and N. M. Joshi Interacting with the students

Mouth Watering Fireless Cooking



Performance by IX Std in bidding Farewell to class X



Preparing Delicious Treat for All During the Scouts and Guides Camp



Session with ISKON



Winners of Marathi Natya Spardha



Sports Prize Distribution



Vasant Panchami Celebration



Road Safety Session



Graduation Ceremony Pre Primary



Prize Distribution Ceremony Pre Primary



Farewell Class X



Glimpse of CCA Prize Distribution Marathi Writers



Delicious Sheera during the Camp



Mahatma Gandhi Punyatithi



Arya P Nimbalkar VII B



Mitali Kapur VII B



Nandini Pawar VI A



Shireesha Khadamkar II E



Shambhavi VII A



Anish Khadamkar VIII A



Saatvika Kurre VII A



Shruti Mali VII A



Soumya Narayan VII A



Vikramaditya Chaudhary I C



Rohan Badiger X



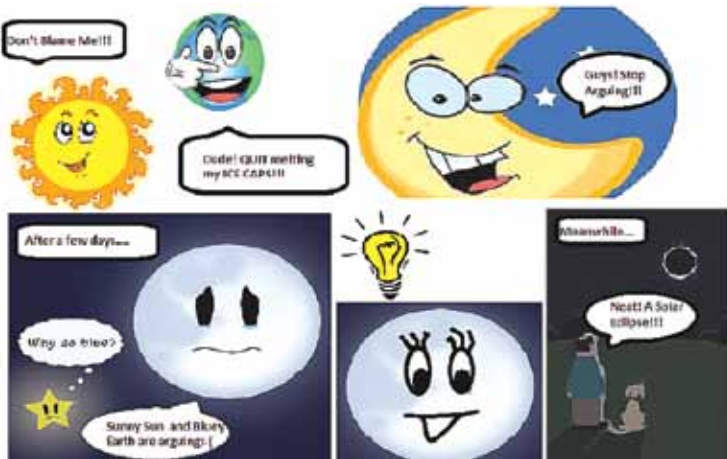
Aditya S. Shirsath



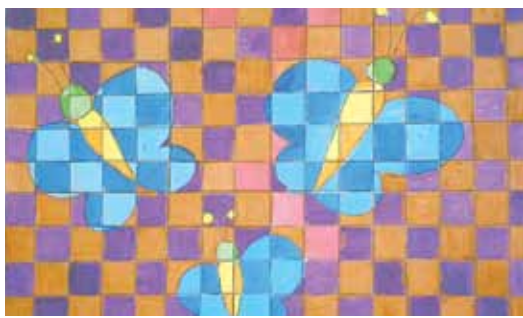
ATHARVA BHISE IV C

Comic Of the Month

-Ayush Pratheesh VII A.



Anaya Bhatnagar IV A



Srushti Bhondave VII B



Mitali Kapur VII B

Easter Scramble

Unscramble these letters to make Easter words. Draw a line to connect each picture with the right word. Finish by coloring the pictures and decorating the page.

Y L L J E A S N B E
A B R B I T
S G E G
S A T R E E Y D A
K T E S B A

6. Hestia
7. Athena
9. Dionysus
3. Artemis
4. Aphrodite
5. Zeus
1. Thanatos
2. Demeter

ANCIENT GREEK GODS & GODDESSES

ACROSS
6. GOD OF FIRE & CRAFTSMEN
7. GOD OF THE SUN
8. GOD OF TRAVEL
10. GOD OF THE SEA
11. GODDESS OF MARRIAGE
12. GOD OF WAR
13. GOD OF LOVE

DOWN
1. GOD OF DEATH
2. GODDESS OF THE HARVEST
3. GODDESS OF THE MUNT
4. GODDESS OF LOVE
5. KING OF THE GODS
6. GODDESS OF THE HOME
7. GODDESS OF WISDOM
9. GOD OF WINE

11. Hera
12. Ares
13. Eros
10. Poseidon
8. Hermes
7. Helios
6. Hephæetus

Planetpals Crossword Puzzle

PLANETPALS

DOWN
1. This brings us light at night.
2. They gather moisture and bring rain.
3. Fish learn from it.
4. The Venus and Mars are made up of this.
5. This is the planet we live on.
6. This helps us grow.
7. We need this to breathe.
8. If you look up you see this.

ACROSS
9. If we practice this, we can help keep the planet's quality clean.
10. One of the living things on Earth.
11. What you are if you're the planet and everything on it.
12. 300 of the Earth's surface is covered by this.
13. There are billions of these in the world.
14. This group is one of the creatures on Earth.

Answers