

Learn

Rise

Conquer

Innovation's
in
Classroom

Magazine Special Report(2018-19)

V.C.Reddy English Medium

Teachers
&
Technology

School



*Educational Field Trip.
Innovation In Classrooms.
Technology in classroom.
Historical Visit.
Co-curricular activities.
Student's Articles.
Independence.
Our Album*

Upgraded methods with old values.

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V.C.Reddy English Medium School, G.D.Nellore,Chittoor(D),A.P. Contact: 9700094190,8074013707

Message From The Correspondent Desk



"Only as high as I reached, can I grow,
Only as far as I seek, can I go,
Only as deep as I look, can I see,
Only as much as I dream, can I be".

In V.C.Reddy English Medium School we teach our students to aim for great goals and reach higher, we teach to reach out for and seek further, we teach our student to introspect and look deeper. In V.C.Reddy English Medium School we teach them to dream and reach out for those dreams.

We transform dreams into reality thoughts into ideas and ideas into actions.

That is the magic of V.C.Reddy English Medium School. Every year in V.C.Reddy English Medium School we see a vision come alive, touch our lives and transform it is such a way that we are never the same.

"THE WHOLE PURPOSE OF EDUCATION IS TO TURN MIRRORS INTO WINDOWS"

It has been a year filled with sorrow and joy triumph and defeat a year filled with lessons life has tough us. It has been a year where life and the human sprite has faced obstacles and emerged victorious we look a heard renewed hope and new life to another wonderful period of imbibing both knowledge and values and acquiring holistic education that will makes us better human beings.

Correspondent: K.Mumtaz begum,MA.

Message From The Principal Desk



Dear Students, schooling is our first contact with the world, a period of joy, healthy competition, fearing, adjustment, sharing and love. It is not the wide open space, classrooms, the library, laboratories or the large fields that make the school. It is in heart of the students and staff that the true institution exists.

According to academic analysts, the youth of future generation are going to be more prone to violence and deviant behavior. This deteriorating trend is a matter of great concern to parents as well as teachers, we are all aware through media reports of incidents of abuse, self-inflicted violence, violent outburst, depression, violence using social media and other on-line forms.

Learning is not a process limited to schools & collages only, nor does it ends with the conclusion of one's school carreer. It is indeed a lifelong process. It is indeed a

lifelong process. This school is oriented to the total formation of child and to adaptations of various methods suiting the dynamics of changing worlds in order to achieve commom goals and objectives it is further characterized by shared vision-responsibility. Dear students, it is m message to you all that the people of fine character live by their values. They are honest and are committed to truthfulness in thought, word and deed. True character thus encompasses the capacity for self-discipline. Character self respect, which in true leads to high self esteem. Maturity is reflected in all aspects of character- the decisions we make, the friends we choose and the responsibilities we accept. Always remember to uphold the dignity of people. Be always ready to give preference to other. What you ae is god's gift to you. What you become is your gift to god. Have something to live for. Bring out the best in you.

School Headmaster@HM: K.Anil Kumar,MCA.D.Ed.

Message From The Executive Director Desk



Welcome to the 2018-19 academic year. Our environment at school is to provide a safe and intellectually challenging environment that will empower student to become innovative thinkers, creative problems solvers and inspired learners prepared to their in the twenty first century .

High standards and expectations for each student in regards to academic performance and responsible citizenship are the foundation of our school.

Your success in school depends upon the enthusiasm of your teachers, principals, correspondent, and parents. However you are the most important part of the school and appreciate the people when support you. Take advantage of the growth opportunities in this dynamic period in our history be responsible for your success.

This school year will be a great one for all of us. please feel free to reach out to me if you have any questions and concerns. I am here for you all, and honored to be you executive director.

Executive Director: U.Swetha Reddy, B.Tech.

V.C.Reddy English Medium School

Educational Field Trip.

Educational Field Trip (Regional Science Centre, Tirupati)

The School visits and field trips to science centres and museums are considered an Extraordinary learning resource given their recreational and educational potential, but visits need to be integrated into classroom programming to optimize learning. In this study, we have attempted to design and build bridges between what a school needs and what a museum can offer, to ensure that future teachers acquire teaching skills that allow them to prepare a visit focused on learning. To that end, we make a 'proposal for pre-service teacher training' consisting of designing and implementing a teaching unit centered on a visit to the science centre. The study aims to assess how students' conceptions evolved with regard to the particular topic, using a pre- and post-test methodology, supported by qualitative analysis in the final reports. Although the results were limited to a single experiment, they provide evidence of an improvement in the methodological knowledge of teacher trainees regarding school visits to museums, although several aspects were identified to be worked on.

About Regional Science Centre



Regional Science Centre, Tirupati (RSCT), situated at the foothills of Tirumala, on Alipiri-Zoo Park Road, is an activity oriented non formal science education destination for all cross-sections of people.

The centre has 6 permanent exhibition galleries: 'Fun Science', 'Popular Science', 'Our Universe', 'Our Senses', 'Illusion' and 'Emerging Technology'. The outdoor science park of RSCT with lush green lawns, sprawling over an area of 5 acres, houses a number of participatory exhibits, Prehistoric life park, Herbal garden & animal corner. The centre offers experience based science learning in a serene atmosphere. The 3D Theatre, Science Shows and Taramandal at the centre are some more major attractions of RSCT especially for the students. The centre also organizes many education extension programmes throughout the year focused to all ages.

Regional Science Centre, Tirupati, is a constituent unit of the National Council of Science Museums (NCSM) an autonomous body under the Ministry of Culture, Govt. of India and is directly under the administrative control of Visvesvaraya Industrial and Technological Museum, Bangalore. RSCT was

dedicated to the nation on September 23, 1993 by the then Hon'ble President of India, Dr. Shanker Dayal Sharma.

Benefit to Students

A visit to a science centre can add motivation to education. It can inspire them in what can otherwise be a quiet and restrictive subject within the confines of the classroom.



According to the Learning Outside of the Classroom Manifesto, "Every young person should experience the world beyond the classroom as an essential part of learning and personal development, whatever their age, ability or circumstances."

During their visit the students have a chance to explore science at their own level and pace. The hands-on, physical experience of science exhibits provides a practical level of understanding which is impossible to recreate in the classroom. If a show or presentation is also planned as part of a visit the children can also be shown experiments by experts that would be too expensive or dangerous to perform elsewhere.

Enthusing Children in Science



Centres use various methods to enthuse children in science. They give presentations which show live experiments they would not be able to experience in the classroom. Demonstrations involve volunteers so the audience fully participate. Children get the chance to enact science themselves regardless of ability or education. Small groups are able to interact and experiment together in a safe and controlled way – talking about what's happening.

Relating Science to Everyday Life

The Prehistoric Life Park takes the visitors back to the prehistoric times. The Modern man invites them to start their journey back in time. During the journey visitors can see the prehistoric animals that lived and ruled the earth like Dimetrodon, Brachiosaurus, Anatosarus, Smilodon, Diatryma, Lemur, Psittacosaurus, Corythosaurus and Ankylosaurus etc..



Hands-on exhibits allow the child to physically experience science taught in the classroom. An example would be a forces exhibit that demonstrates the use of pulleys and how different arrangements can make the weight easier to lift. Some exhibits explain how electricity is generated by getting the visitor to turn a handle showing how much energy is used in lighting a lightbulb.

INNOVATION IN CLASSROOMS

If your goal is to engage and educate students to the greatest extent possible, you need to consider the benefits of an innovative classroom. An innovative classroom will possess several key traits, including.

Reflection

Innovative classrooms engage in constant reflection and inquisition. They think about what is working as a class and independently and what is not. Reflection can be uncomfortable, but for a class to be constantly evolving and innovating, this process must occur. Furthermore, an innovative classroom will always be asking itself.

Constant learning An innovative classroom never stops to catch its breath. Every event is seen as a teachable moment, and students will benefit from a fast-paced, ever-changing environment.

Creativity

A creative classroom not only comes up with unique solutions to everyday problems, but it also develops the responses necessary to deal with future challenges. A creative classroom fosters innovation by encouraging students to think outside of the box.

Connection

An educator must always know his or her students, as well as the trends that are emerging in the career. He or she will seek out new techniques and technologies and encourage students to do the same.

Principles and routines

You should exist and function on strong principles and routines. Incorporate strong values to guide the class. The teacher in an innovative classroom will encourage consistency and assiduity by establishing hard-and-fast guidelines for how the day is run.

Problem-finding

Innovative classrooms don't wait for problems to appear to them—they actively seek out problems in the classroom, in their learning, and in the world. Innovation starts with a question—not with an answer. New technologies and understandings can only be developed when students begin to ask questions about “why” or “how.”

Collaboration

A collaborative classroom encourages innovation by pushing students to different from them, either in their beliefs, behavior, or background. Collaboration in the classroom encourages discussion, which is the father of all innovation.

Variation

Don't rely on one teaching or learning technique to get a point across. An innovative classroom includes teaching strategies that are always evolving, and are different from day to day.

Goal setting

Innovative learners will set goals for themselves, and crush them. These goals may be large or small, or ideally contain some aspects of both types, but should guide learners towards innovation.

V.C.Reddy English Medium School Giving The Opportunities for revision



Teacher: M.Vasantha, B.Ed.

Not only are innovative learners risk-takers, but they also recognize that nothing is ever perfect. As a result, an innovative classroom is resilient and pushes students and teachers to always be changing, adapting, and improving. Innovative learners will look to themselves and others to better every aspect of their performance. These characteristics are important in establishing an innovative classroom.

Technology in classroom

Technology has always been at the forefront of human education. From the days of carving figures on rock walls to today, when most students are equipped with several portable technological devices at any given time, technology continues to push educational capabilities to new levels. In looking at where educational methods and tools have come from to where they are going in the future, technology's importance in the classroom is evident now more than ever.

Teachers are responsible for weighing between knowledge of where students are academically, where they need to be and to somehow gain insight into the special needs of students' and their progress. Teachers also have to contend with the choice of co-curricular activities and the rules that govern student's participation. The expectations from parents, the community and in general the teacher's code of conduct make the profession

interesting. The addition of technology in education further complicates the equation and presents a host of many new questions.

Digital Learning Makes Students Smarter

Learning tools and technology enable students to develop effective self-directed learning skills. They are able to identify what they need to learn, find and use online resources, apply the information on the problem at hand, and even evaluate resultant feedback. This increases their efficiency and productivity. In addition to engaging students, digital learning tools and technology sharpen critical thinking skills, which are the basis for the development of analytic reasoning. Children who explore open-ended questions with imagination and logic learn how to make decisions, as opposed to just temporarily memorizing the textbook.

V.C.Reddy English Medium School is using technology oriented teaching, and giving the digital class presentations to explain the lesson.

E-Class is a complete digital education solution for the schools and institutes. Schools can choose from any of the mentioned platforms to use Eclass in their premises. All the platforms suggested are completely off-line and do not require any internet service. In today's world, the traditional teaching method and concepts have become outdated. New age technology and upgraded learning systems are the need of the hour. We transform classrooms into digital rooms that enhances the learning process by involving more senses. Digital education provided with good infrastructure helps the conversion of traditional classrooms easily and effectively. Teachers will get the power in their hands to showcase more examples, more illustrations and more content. This will help the students to understand and grasp more knowledge from the same concepts.



Teacher: T. Syamala, B.Ed.

Digital Learning Is Making Students Self-Motivated and More Accountable

Students using digital learning tools and technology become more engaged in the process and more interested in growing their knowledge base, they may not even realize that they're actively learning since they're learning through engaging methods such as peer education, teamwork, problem-solving, reverse teaching, concept maps, gamification, staging, role playing, and storytelling.

Educators and Parents to a Deeper Extent

Learning tools and technologies like social learning platforms make it easy for teachers to create and manage groups. The shift to digital learning can approximate the benefits of tutoring while freeing up time for teachers to address individual and small group needs. The opportunity to customize learning sequences for each student will make education more productive by closing learning gaps sooner and accelerating progress. Dynamic grouping, workshops, and project-based learning can add lots of collaborative learning to the already present education model.

Students who are engaged and interested in things they are studying, are expected to have a better knowledge retention. As mentioned before, technology can help to encourage active participation in the classroom which also is a very important factor for increased knowledge retention. Different forms of technology can be used to experiment with and decide what works best for students in terms of retaining their knowledge.



Teacher: K. Jhansi, B.Ed.

V.C.Reddy English Medium School Historical Visit



Visiting historical places which your child has learnt about can be extremely useful. Such visits can help them expand on what they are learning in school. It can also be a great way to re-enforce lessons. Many historical places have hands-on exhibits and tours which are sure to get your small one perked up. Even if there aren't any child-oriented events or exhibits, having a look around can give your child the chance to learn many things. If your child is willing, ask him or her to bring along a notebook to take notes or draw things that they saw. This helps solidify the lesson and the visit too!

Trips to historical places will help your child get interested in exploring new things. Historical places are a treasure trove of information. They give plenty of opportunities for your child to discover many interesting and amazing things. Providing your child with a positive learning experience will help him or her take the initiative to explore other areas of life. This is a great way to start the habit of exploring and discovering new things.

The benefits that your child can reap from visiting historical places are immeasurable. Many historical places are very interactive. The interactive nature of these places will create a more conducive environment for learning as children get to see and hear things that they read about.



Visits to sites where the things we learn about in history actually happened can serve as a catalyst for sparking children's imagination and showing them a world beyond the classroom. A school visit to a historical site can put what I teach in the classroom into context, and many sites offer interactive, hands-on and immersive experiences specifically designed to meet the needs of different groups across the key stages. Something that is historical is simply something that happened in the past regardless of its significance. As William Safire said, Any past event is historical, but only the most memorable ones are historic. History is a relentless master. It has no present, only the past rushing into the future. To try to hold fast is to be swept aside.



Teacher: Chethana. B.Tech

“If you want to understand today you have to search for yesterday.”

Co-curricular Activities

Co-curricular activities (CCAs) earlier known as Extracurricular Activities (ECA) are the components of non-academic curriculum helps to develop various facets of the personality development of the child and students. For all-round development of the child, there is a need of emotional, physical, spiritual and moral development that is complemented and supplemented by Co-curricular Activities.



Definition of Co-curricular Activities

Co-curricular Activities are defined as the activities that enable to supplement and complement the curricular or main syllabi activities. These are the very important part and parcel of educational institutions to develop the students' personality as well as to strengthen the classroom learning.

These activities are organized after the school hours, so known as extra-curricular activities. Co-curricular Activities have wide horizon to cater to the cultural, social, aesthetic development of the child.

Role of Co-curricular activities in student's life
Co-curricular activities are the true and practical experiences received by students. To a greater extent, the theoretical knowledge gets strengthened when a relevant co-curricular activity is organized related to the content taught in the classroom. Intellectual aspects of personality are solely accomplished by Classroom, while aesthetic development, character building, spiritual growth, physical growth, moral values, creativity, etc. are supported by co-curricular activities. Frankness and clarity in language and personality is supported by these activities. It helps to develop co-ordination, adjustment, speech fluency, extempore expressions, etc. among student both at the school as well as college levels.

Importance and Benefits of Co-curricular Activities

- Co-curricular activities stimulate playing, acting, singing, recitation, speaking and narrating in students.
- Activities like participation in game debates, music, drama, etc., help in achieving overall functioning of education.
- It enables the students to express themselves freely through debates.
- Games and Sports helps to be fit and energetic to the child.
- Helps to develop the spirit of healthy competition.
- These activities guide students how to organize and present an activity, how to develop skills, how to co-operate and co-ordinate in different situations-all these helps in leadership qualities.
- It provides the avenues of socialization, self-identification and self-assessment when the child come in contact with organizers, fellow participants, teachers, people outside the school during cultural activity.
- Inculcate the values to respects other's view and feeling.
- It makes you perfect in decision making.
- It develop a sense of belongingness.



Teacher: T.Nirmala. B.Ed.

Co-curricular refers to activities, programs and learning experiences that complement, in some ways, what students are learning in school i.e., that are connected to mirror the academic curriculum.

Student's Articles

A Hungry Fox



**Article: I. Gowtham Reddy, 4th Class,
V.C.Reddy English Medium School,
G.D.Nelloor.**

Once upon a time, there was a hungry fox that was looking for something to eat. He was very hungry. No matter how hard he tried, the fox could not find food. Finally he went to the edge of the forest and searched there for food.

He wandered about the whole day long, but could get nothing to eat. At last he came to a garden. There he saw grapes hanging from a vine. The grapes were ripe and nice. His mouth watered to see the grapes.



Juicy bunches of grapes were hanging from its branches, ripe and ready to be eaten. The grapes were high up. He wanted to eat them.



Walking back a few steps, the fox took a run up and jumped and almost reached the grapes. "I'll try again," the fox thought. He took a few steps back, counted to three and ran and jumped again, but he still couldn't reach the grapes. He jumped again-and-again to get at the grapes, but in vain. They were too high for him. At last he was tired. He gave up trying, trying,..... He went away saying. "Well, I'm sure the grapes were sour anyway!" It is not easy to like what you cannot get. If I eat them, I shall fall ill."



Moral : Those who cannot get a thing, often say that they do not want it.



**Article: S. Rekha, 4th Class,
V.C.Reddy English Medium School,
G.D.Nelloor.**

Pollution

Pollution is anything that makes the earth dirty and unhealthy. Land, air, and water are all affected by pollution. Pollution takes up space on our land. Many of the things people use every day come in packages, like food, games, school supplies, and electronics. These packages end up in large underground dumps called landfills. Landfills make land unhealthy for animals and people.

Effects of Pollution

1. Environment Degradation : Environment is the first casualty for increase in pollution weather in air or water. The increase in the amount of CO₂ in the atmosphere leads to smog which can restrict sunlight from reaching the earth. Thus, preventing plants in the process of photosynthesis. Gases like Sulfur dioxide and nitrogen oxide can cause acid rain. Water pollution in terms of Oil spill may lead to death of several wildlife species.

2. Human Health : The decrease in quality of air leads to several respiratory problems including asthma or lung cancer. Chest pain,

congestion, throat inflammation, cardiovascular disease, respiratory disease are some of diseases that can be caused by air pollution. Water pollution occurs due to contamination of water and may pose skin related problems including skin irritations and rashes. Similarly, Noise pollution leads to hearing loss, stress and sleep disturbance.

3. Global Warming : The emission of greenhouse gases particularly CO₂ is leading to global warming. Every other day new industries are being set up, new vehicles come on roads and trees are cut to make way for new homes. All of them, in direct or indirect way lead to increase in CO₂ in the environment. The increase in CO₂ leads to melting of polar ice caps which increases the sea level and pose danger for the people living near coastal areas.

4. Ozone Layer Depletion: Ozone layer is the thin shield high up in the sky that stops ultra violet rays from reaching the earth. As a result of human activities, chemicals, such as chlorofluorocarbons (CFCs), were released into the atmosphere which contributed to the depletion of ozone layer.

5. Infertile Land : Due to constant use of insecticides and pesticides, the soil may become infertile. Plants may not be able to grow properly. Various forms of chemicals produced from industrial waste is released into the flowing water which also affects the quality of soil. Pollution not only affect humans by destroying their respiratory, cardiovascular and neurological systems; it also affects the nature, plants, fruits, vegetables, rivers, ponds, forests, animals, etc, on which they are highly dependent for survival. It is crucial to control pollution as the nature, wildlife and human life are precious gifts to the mankind.

Independence

Independence Day celebrations bring the essence of patriotic feeling in our minds. Every year this glorious day is celebrated on the 15th of August and it revives the old memories about the hard work and struggle of all the freedom fighters. On this day of Indian Independence, the nation attained freedom from the governing British Rule. This day is celebrated with great pride, enthusiasm and high spirits across the country and is marked as a very important day in Indian History and so called INDEPENDENCE DAY



or 'SWADHINTA DIWAS'. Every year on August 15, the whole of India joins hands irrespective of caste, creed, and religion to pay homage to our freedom fighters who have devoted their lives and brought us freedom from the British Rule. Indians dedicate this day to all the heroes of the country who have laid down their lives, so that we can breathe in free India and enjoy the essence of independence.

The Independence Day of India is a moment to cherish for all the residents of India and pay gratitude towards the freedom fighter, but to achieve such victory they had to battle against the ruling British people. On 3rd June 1947, the last British Viceroy, Lord Mountbatten, declared that India was separated from the rule of British power. The announcement was held under Indian Independence Act, that was made in the year of 1947. 15th August 1947

symbolizes the victory of Indian against the dominating rule of the British powers. All the citizens of India joined hands and fought to attain the independence and achieved great success to get freedom from the rule of British government. There are also certain rituals that are carried out on this day in India. Independence Day celebrations are more or less the same in the whole country. The Prime Minister of India hoists the tri-colour flag every year at the Red Fort and delivers a speech addressing the whole nation. As part of 15th August celebrations, the President of India also delivers a speech on the eve of 15th August. Independence Day is declared as a national holiday in the whole country.

Freedom Is Never Dear At Any Price. It Is The Breath Of Life. What Would A Man Not Pay For Living? – Mahatma Gandhi.

Our Album



Our Album



**V.C.Reddy English Medium School
Educational Field Trip & Tour**



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**V.C.Reddy English Medium School
Educational Field Trip & Tour
Historical visit**



Our Album

