

# **RALLI INTERNATIONAL SCHOOL**

## **EXPERIENTIAL LEARNING IS THE AROMATIC CHUNK OF EDUCATION**

*“Learning is the process whereby knowledge is created through the transformation of experience” – David Kolbe*

**WE** follow a path we choose on our own. Discovering our true calling is an art. Chasing dreams with passion leads to the excellence in the chosen discipline. This can be achieved only when teachers identify the interests and aspirations of students. **RALLI** is the haven to nourish each individual’s talents on life skills.

We believe that every child is exceptional and has the potential to evolve into a dynamic person and fulfill his/her aspiration. Ralli fraternity focuses on life skills and methodology to bring out the best in our students.

Education is about building the skills to adapt to changing times as a child’s success is not hidden only in books and knowledge. The curriculum is designed with the objective to teach the students with genuine fun and interest for faster comprehension and understanding as per their age.

**TELL ME AND I WILL FORGET, SHOW ME AND I MAY REMEMBER.  
INVOLVE ME, AND I WILL UNDERSTAND" - CONFUCIUS**

“Take the students out of the four walls of the classroom and bring the outside world into it”- is the only mantra for the students of Ralli International School that also aids in building socio emotional skills, empathy and inculcation of winning spirit.

We realize that a single method cannot suit everyone. Our teachers select the best combination of various approaches according to the learning styles and needs of their students. They act as facilitators and guide the students in their learning, using activities, audio-visual stimuli, projects and presentations. The focus remains on creating awareness in the

students and providing them with experiences that they can apply to real-life situations.

# PRIMARY WING

**Experiential Learning develops students' interests, identify their strengths, and find their path to purpose, through a variety of experiences that foster self-discovery.**

In RALLI INTERNATIONAL SCHOOL, the method we use to teach concepts to the primary students is a Play-Way method, wherein there is no burden of studies and no rote learning. Students play and they learn willingly and happily.

Here are few such activities conducted in session 2019-20 to practice the 4 Cs of 21st- century skills i.e. *Creative Thinking, Critical Thinking, Collaboration and Communication.*

*Without mathematics, there's nothing you can do. Everything around you is mathematics. Everything around you is numbers.*

## Shopping Time is Fun Time

Mathematical concepts were made interesting through hands-on activities, where children of classes I & II set up their own market as a reinforcement of the topic - Money.

Children had a fun filled experience of selling and buying things from their peer group. They were excited using fake currency and pretended to be seller and buyer. The enriching experience gave students an opportunity to showcase not only their proficiency in handling money but also to display their marketing skills.

It created a positive learning environment which provided our students an amazing experience and they could connect this activity to the real life experience.



## Shapes on my Pizza

Pizza is a popular food among children and Pizza making can also be a great way of creating a fun and engaging craft activity for children.

Rallians enjoyed creating their own customized Shape pizzas at school to review 2-D shapes.

This activity was conducted by the students of grade II. In this activity, they created a shape pizza with the pizza toppings made out of shapes. Students sorted all the shapes on their own. Students were able to distinguish among different shapes. They also came to recognize sides and corners of each shape which was used as toppings.

Students had fully grasped the concept of shapes and understood the unique characteristics of shapes. It was a fun and exciting way to deepen the understanding of shapes.



*No one is born a great cook, one learns by doing*

## Cooking without Fire

Is it possible to cook without fire? "Yes it is" say the students of **Ralli International School**.

To develop the skill of non- flame dishes, to create awareness about the nutritional value of food , to impart advantages of healthy eating and to encourage students to stay away from the junk food, an activity "**Cooking without Fire**" was conducted for grades IV & V.

Through this activity the students learnt the spirit of teamwork, culinary skills, appreciating the hard work put into cooking. The aim of the activity was also to provide a platform for students to showcase their talent and explore new areas of interest.



*We can teach from our experience,  
but we cannot teach experience.*

The objective of teaching science is not only to inculcate a scientific attitude and research-mindedness but also creating cognitive, affective and psychomotor aspects among students.

Keeping this in mind, an activity on **Identification and demonstration of all types of forces** was conducted for grade V.

Children experienced all types of forces like muscular , frictional , gravitational etc through different activities like Tug of war, Walking on a wet floor, Throwing a ball upward, Using a bat/stick to kick a ball , Pulling a rubber band to change its shape, Push down a plastic ball floating on water etc . Each child was made a part of this activity.



### *Nature Walk*

"God made you, God made me.  
God made trees, God made leaves.  
God says: please take care of these."

It's always fun to help and be with our green friends as they help to

keep our environment clean, in purifying air and giving us oxygen to survive.

The students of grades I & II had real fun time on their visit to school garden. The nature walk broadened their knowledge and gave them firsthand familiarity of herbs, shrubs and trees.

The children were shown the difference between a tree and a plant and the different types of plants. They were made to feel the texture and observe the varying shapes of different leaves. The children also come to know about the importance of trees. They also understand how to make our environment clean and green.



### *The Great Things Begin with Small Actions*

Water filtration is a term that refers to process that is used to filter out particles and pollutants from water. Anything that removes any amount of particles, sediment and bacteria can be called water filtration.

To impart the concept of water pollution and their causes and to understand the importance of clean water an activity was conducted by the students of grade 2. They separated the dissolve contaminants from water by the process of filtration. Each child got a chance to perform the experiment to separate polluted water containing mud and chalk with the help of filter paper. Children observed that contaminants like mud and chalk was stick to the filter paper and clean water gets collected in the beaker.



## MIDDLE & SENIOR WING

### THE PROTAGONIST TO UNDERSTAND

Language is “the infinite use of finite means.”

— Wilhelm von Humboldt

The language class targets not just to teach correct grammar and sentence structure, but also aims to unleash the creativity in children.

The idea is to open their minds first and then help them build on it. With this kind of freedom and encouragement from their teachers, students who couldn't think beyond two lines, today express their thoughts in four pages! The motto of the teachers at **Ralli** is: We are not here to provide answers but to encourage children to ask questions and seek answers themselves.

While explaining the English chapter, Fair Play in class VI, the students were engaged in a fun activity by the teacher. The objective of the activity was to make them acknowledge the importance of judgement and friendship.

In order to do this, real life problems were given and they were told to enact them and give the judgement. The students excitedly took part and comprehended the story in their own manner. They were better able to connect stories to real-world situations. It also helped the students to define themselves individually, creatively, emotionally, socially and physically.

The most profound experience with the students of Class XI wherein they debated and contested their viewpoints on the theme entitled 'Rote Learning Vs Critical Thinking' based on the story 'Albert Einstein at School'. The students transcended the domain of academic knowledge rather they presented a short skit and showcased how rote learning yields momentary learning with zero results in the long term.

Another heartfelt experience with two students namely Akshita Goyal and Shruti Mondal in an Inter-School Competition titled 'Spell –O-Philo-VII held at St. Thomas School, Indirapuram where the students were able to translate the academic knowledge of phonetics and vocabulary that they consistently received through experiential learning. They were able to unscramble the words to produce meaning and were able to identify the variants of a word as per UK and US English.

This sort of educational knowledge helps students to get concrete experiences and provides them with ample opportunities and space to be reflective and creative.

Learning by doing is always more influential than passive listening. The experiential learning aims at this very aspect of education. The students perform the activities and the output infuses deeply in their mind. The subject English gives the opportunity for a wide range of activities and one such activity chosen was the debate on the topic 'Should parents take all the decisions for children' based on the story 'Should Wizard Hit Mommy'. It was a wonderful experience for the students as they got the opportunity to pour out their hearts. Many of them expressed their opinions in lieu of their personal experiences at home. Some of them had strong complaints against their parents not permitting them to take any decisions. But listening to the aspects in favour of the topic was like an eye opener for them that made them understand the good intentions of their parents. Overall, students got a better insight into the text as well as into the real life.

**Apart from Subject enrichment activities like - Role Play, PPT's, Talk shows, Group Discussions, Debates, Poster making etc., in one of the activities the students were supposed to prepare a Talk Show on 'FUTURE SCHOOLS'. It was amazing to observe the students who never responded in normal class, played an important part in the Talk Show.**

**The students were cooperating, planning and raising interesting questions in the activity. They could very well portray their own ideas, views and perceptions. This led to open them for public speaking, showcasing constructive argumentative skills and adapting the challenges faced while working as a team and expressing the ideas or views in a fruitful manner.**



## QUEEN OF CONCEPTS

**Pure Mathematics is, in its way, the poetry of logical ideas.**

**-Albert Einstein**

**Mathematics is considered as Queen of all sciences because of its vital applications. While explaining Integers with the help of mirror in class VI, students could locate the numbers and how the numbers increase with the help of mirror image.**

When the topic "Mensuration" was taught in class VIII, children designed the model of Cube, Cuboid and Cylinder on their own. For calculating Surface Area of Cube and Cuboid, they counted the number of faces from the 3-D

model and added the areas of six faces. Then, they derived the formula for the same. Similarly for Cylinder, they added the areas of two circles and one rectangle. With the help of these models, students understood the difference between Volume and Capacity also. These provide a golden opportunity to the students to unleash their Problem solving skills.

In order to explain Statistics, it is best to teach these concepts with the combination of visual aids, charts, graphs, icons and creative texts. Students collected data from different sources and used their skills to represent data in different ways like pie chart, bar graph, histogram etc. Experiential learning provides platform to students where they can explore themselves that also enhances their multisensory learning.



## CREATE AND IMAGINE

**Science does not know its debt to imagination.**

**-Ralph Waldo Emerson**

Experimenting, exploring and analysing are the vital features to understand Science. To make a pinhole camera in class VI, students cut perfect squares and rectangles and made a pinhole in camera, adjusted the camera to get perfect clear image of the object which developed their motor skills and scientific attitude.

**The cell structure was demonstrated in class VIII with the help of onion peel in the school laboratory by removing an onion peel, cutting and staining it, mounting it and observing it under a compound microscope. This practice stimulated them both mentally and physically and their concept of the cell was ingrained in their minds.**

The spirit was enthusiastically showcased by the students of class VIII during the **INTER-CLASS SCIENCE MODEL-MAKING COMPETITION**. The topic given was **“Conservation of Natural Resources**. Each child of class VIII took part and made models depicting **“Rainwater Harvesting”, “Soil Erosion”** and **“Deforestation”**. There were more than 25 models exhibited. Students participated enthusiastically and made models with thermocol, paper, popsicles, cotton and various other material. They showcased not only their creativity and imagination in making the models but answered many questions put forth by the jury. They learnt not only the concept of the “Conservation of Nature” but also the virtues of teamwork and cooperation.

*Once, children of class XI were conducting an experiment of measurement of Time-period of a pendulum in the laboratory. The lab assistant provided them with the apparatus namely, thread, metal bob, stopwatch and stand. One of the students lost his given bob somewhere and he was to be assessed on his performance of this experiment. So instead of using a bob, he tied the eraser kept in his pencil box and resumed to perform his experiment with confidence.*

**It was a great surprise when he was seen conducting this experiment in this manner. Although he was afraid to show the results as he wasn't sure of it and the outcome was that his performance was outstanding.**

**It is highly motivating to learn principles of SCIENCE through real life examples and applications in day to day life.**



## PUBLIC OPINION POLL

**The more you know about the past, the better prepared you are for the future.**  
—THEODORE ROOSEVELT

Talking about Social Science concepts, despite cramming, students find developing the skills, values and knowledge through direct experiences. With this motto, the Election Process of India was effectuated with the students. From the making of the election manifestos, voter's list, and ID cards to campaigning and polling, each step involved the direct participation of the students. This entire mock election system had insightful learning for the students which would remain with them throughout their life.



## Public Opinion Poll



# INNOVATIVE AND BEST PRACTICES IN SCHOOL

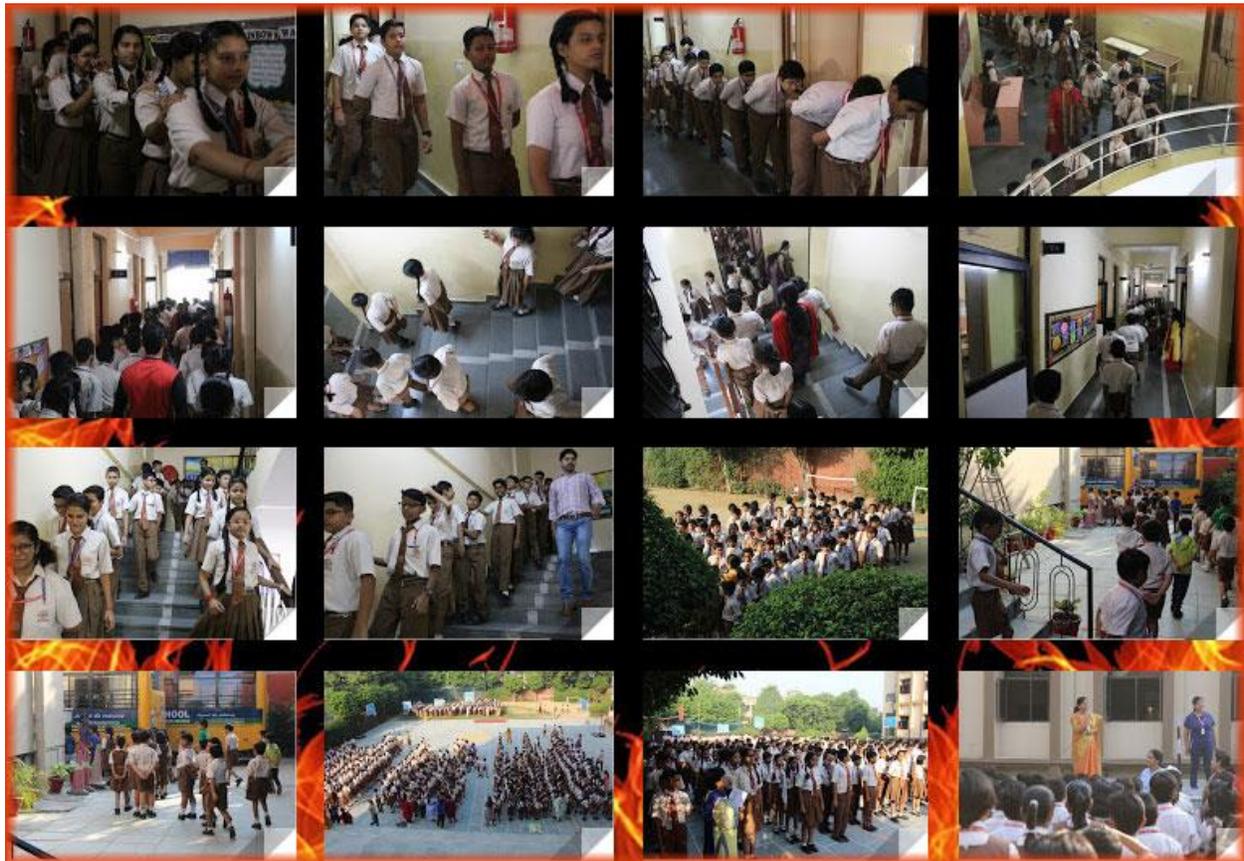
Ralli believes that **Natural disasters** and other emergencies can happen at any time & anywhere, so to combat this grave issue our children should always be well prepared to handle them safely and effectively to overcome with the situation.

A training and education programme for the students for such an unforeseen emergency like earthquake or any natural calamity, has always been our institution's priority.

A mock exercise and evacuation drill was conducted in the school premises.

Immediately, after the sound of the siren, the students were asked to leave their classes and evacuate the school as guided by the teachers. Students were gathered in the playground which was deemed as safe zone. Following all the safety measures, the entire school building was successfully evacuated within a span of 4 to 5 minutes.

The drill was organized to check the readiness of the school to face any such emergency during any natural calamity and also to make the students aware about its operations and procedures.



**Nukkad Natak** is an effective medium to convey about the social issues. Students of grade IX and X enacted on the varied TOPICS such as - A Corruption Free Nation, The Need of Saving a Girl Child, Cyber Bullying and Preserving Our Heritage. The young students learnt how to be cautious, be aware of their surroundings and promised to always take care of their national heritage.



**Tree Plantation drive:** In order to restore the eco-balance of the afforestation, tree plantation drive was taken with all seriousness. The students planted saplings, fenced them and watered the plants. Such little steps taken together by the school and students helped in fostering strong mental and social health amongst today's children so that they connect with their peers, elders, community and environment.



## **SOCIAL EMPOWERMENT THROUGH WORK EDUCATION AND ACTION (SEWA)**

**Visit to Old Age Home:** Rallians reached early morning to an Old Age Home. They were greeted with kindness and warmth. According to Shakespeare, old age is the age where the person behaves like a child again, it was witnessed the same. They were in hunger of love and to love. The people of old age were very compatible and friendly. They treated our whole day with their beautiful smiles and didn't reflect their problems even for a second. Our children addressed them as Dada/Dadi.

The day turned out to be fertile and happy. Though the time spent with them was just a few hours, however, it taught the students a lesson for a lifetime.



**VISIT TO KHADI EMPORIUM:** In addition to this, students have always been familiar with the most important Indian cloth that is Khadi, introduced during National Struggle by Gandhi ji, as a strong pillar of independence and to equip them with more about it, an educational visit to Khadi Emporium was scheduled. Varied products with maximum range acted as a charismatic factor and ended up buying stuff and historical knowledge about all the entire concept of the emporium. Hence, proved fruitful in channelizing their thought process in an idealistic way.



**“Don't learn to do, but learn in doing”**

Experiential learning is Active Learning. Learning is endless, thus it shows our efforts to engage students in deeper learning, improving academic outcomes and life skills.

We are still in the process of assembling links that provide information on best practices in teaching in our school: Concept Mapping, Flipping the Classroom, Mastery Learning, Peer Instruction and Team Based Learning are few such examples to educate our young generation and help them to experience the real World.