

# Monthly Report of December 2018

## Cambridge Assessment International Education

“Education is not preparation for life; education is life itself.” John Dewey

Learning by doing is the best approach to education is what we CAIE believe and hope everyone understands when we see and read this report. The students’ pictures as well the write up show activity based learning that is taking place in most of the classes.

### Academics

#### Stage 1



English

Math

Science

Hindi

#### English

**LO: 1Rf6, 1Rf11:** To be able to predict the contents of a book.

Students were made to learn and understand the different section of book cover. They were provided with different book covers and were asked to identify all the section on these book cover like Book Title, Picture, Illustrator, Author, Blurb etc. They were successfully able to do this and demonstrate their understanding in the activity conducted in the classroom.

#### Math

**LO: 1Nn6:** To begin partitioning two-digit numbers into tens and ones and reverse.

Students were taught the concepts of numbers and its place value. They were provided with different numbers and were asked to identify the place value of those numbers. They were successfully able to do this and demonstrate their understanding in the activity conducted in the classroom.

#### Science

**LO: 1Bp3:** To explore ways that different animals and plants inhabit local environments.

To introduce this concept to students, I had discussed the importance of a home in a class. I talked about the different benefits of living in a home – it keeps you warm in the winter, provides shade in the summer, holds food and other belongings, provides a place to sleep, etc. I then asked students what it would be like, if they lived in a desert instead of their homes. Then explained that animals

have homes as well. In fact, some animals actually live in the desert. Tell students that animals' homes are called "habitats." We have made children to demonstrate and identify animals and their habitats by providing the pictures of an animal and the place where they are seen. They were happy to participate and enjoyed these activities.

### Global Perspectives

Topic- 'Right to learn' was discussed in the class. Students learnt about right for education, importance of education, child labour, education system in developed and under-developed countries and how privileged they are to come to school.

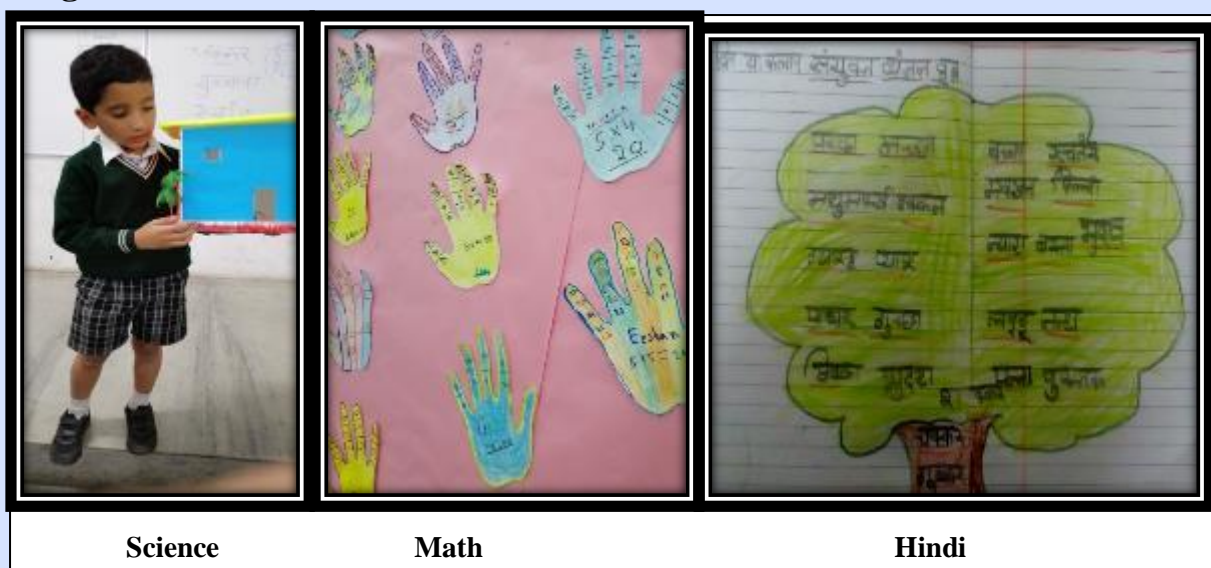
### Telugu

Page number- 87 read and completed gunimthapu gurthula aksharaalu and padaalu by themselves. They learnt how to use gunimthapu gurthulu for letters and words too.

### Hindi

Through a Kinaesthetic learning activity of making matras (out of clay), children learnt to pronounce and write mantras correctly while enhancing their finer motor skills.

### Stage 2



Science

Math

Hindi

### English

**LO:** To be able to write an informative paragraph.

The students were given an opportunity to observe a video about "Why moon is a non-luminescent object." After a small brain storming session about the above topic the kids were given an opportunity to write what they could understand by watching the video. I would say it would be worth reading the kids write ups that has been displayed on the bulletin board. It's no exaggeration, but a good integration of science with English.

### Math

**LO:** To use multiplication strategies to solve the given problem.

The students were introduced to the different strategies of multiplication and given an opportunity to solve problems choosing any of the strategy they felt is comfortable for them. They were so excited in using different strategies to solve the problems. Most of the kids used two to three strategies such as arrays, number line, equal groups and hand in solving problems.

### Science

**LO:** To identify artificial and natural sources of light.

The kids were given an opportunity to draw and colour or cut and paste the different sources of light and speak about it. Each one has done a model and a chart and presented to the whole class. It was a pleasure to see the presentations done by the kids in the class.

### Global Perspectives

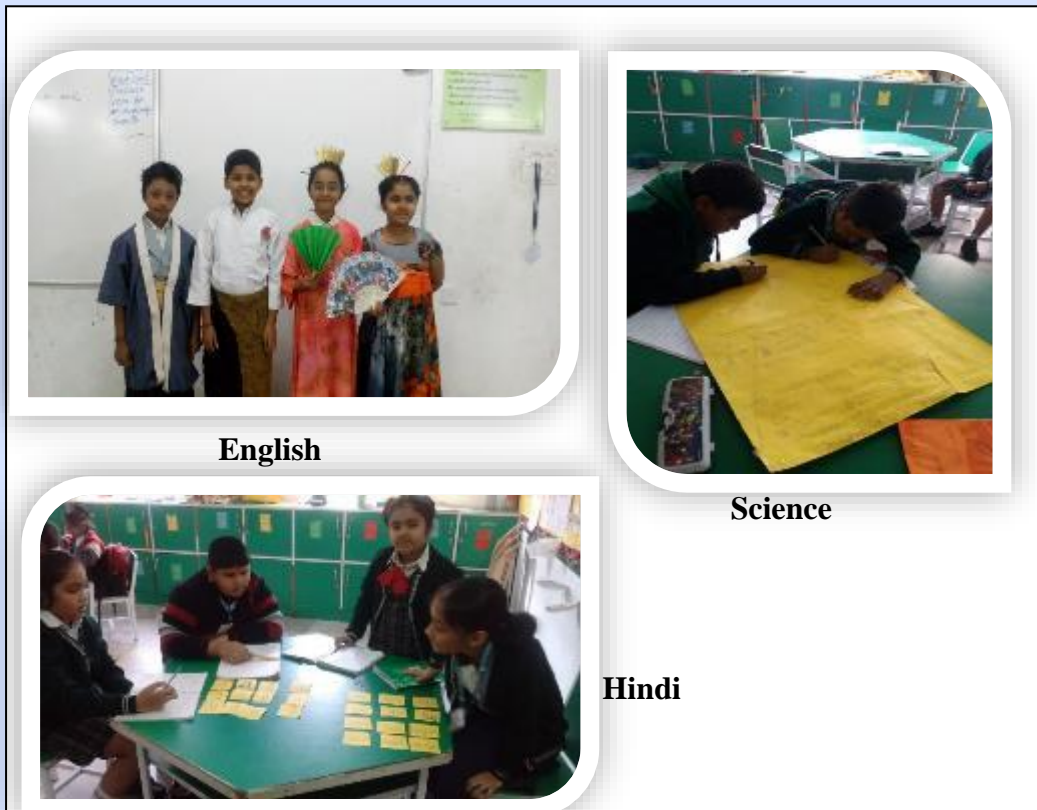
Global perspectives topic, 'young and old' started with a group discussion among students where they discussed the differences between the old and the young whilst teacher gave direction to the

discussion through probing questions. Students, by the end of the discussion realized that old people need physical help, learnt about the family system in India, Asia and western countries, how the family system has been changing in Indian cities and came to know about time banking. They then brainstormed on 'why India does not have time banking system' and presented a group report concluding that India does not need time banks at this point of time and may not require them in future as well.

### **Hindi**

Children learnt the pronunciation of blending words through visual art integration by presenting them in the form of a tree using their creativity.

### **Stage 3**



### **English**

**LO:** To be able to write and recite a Haiku based on the syllabification rule of the 5, 7, 5 structure of the Haiku poem.

Students wrote their own Haiku based on the structure of 5, 7, 5. They came dressed in Japanese attire to set the mood of the activity. This activity helped boost the creative writing skills and also the oratory skills.

### **Math**

**LO:** The Concept the children mastered this month is Mensuration-Length, Weight and Capacity. The children worked on estimation of length of line segments and distance between two objects placed on class room floor and measuring the actual distances by using measuring tape. The children made clay balls estimated their weights and measured their weights by using spring balance. Under the topic of measurement the children mastered the concepts of basic conversions of units of length, weight and capacity. They were able to identify and master the application skills by relating the concepts to daily life situations.

### **Science - Sorting materials.**

**LO:** Can sort different materials based on the properties.

Students were given some picture cards of different objects made of different materials and were asked to sort them based on their properties. Through this activity students were able to identify different properties of different materials and were able to sort them as soft and hard, silly and sensible, absorbent and waterproof etc.

### **Social**

**LO:** To understand the means of transport used by different students to get to school.

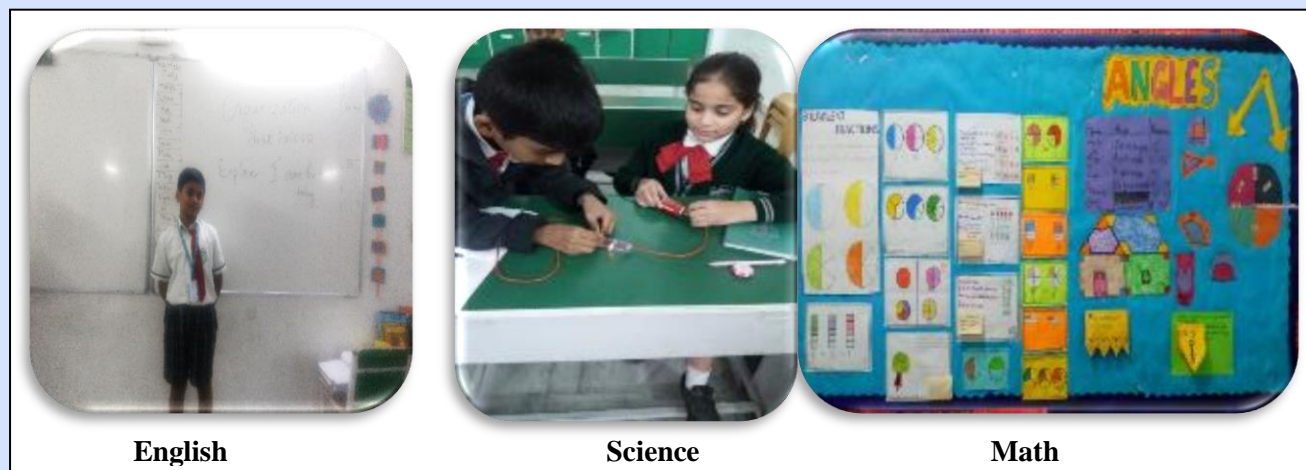
The students of stage 3 went to different classes and gathered data on the transport used by the students to get to school. They then represented the data through bar graph. This activity helped the students to analyse the means of transport mostly used by the students in our school. As a continuation of the same the students also watched videos on how students from around the globe get to school.

For Ex – Swimming, Rope way etc.

### **Hindi**

Children learnt to identify synonyms through a group activity where flash cards of synonyms were given to each group to sort in pairs. They successfully completed the task while enjoying the activity thoroughly.

### **Stage 4**



**English**

**Science**

**Math**

### **English**

**LO:** 4Rw3 Understand how expressive and descriptive language creates mood.

The students of stage 4 brainstormed the 6 steps of writing a shape poem. The students then selected a topic and wrote a shape poem using the sense organs to describe the same. This activity helped the students to upskill themselves with poetry related to senses.

### **Math**

**LO:** To identify equivalent fractions and finding the fractions of a quantity.

The students of stage 4 explored the concept of fractions wherein they tried to identify equivalent fractions of a given fractions by colouring the given figures. They also could establish a relationship between divisions and fractions while trying to find the fraction of a quantity. The students also created their own puzzles on the above topics.

### **Science - Making a simple circuit.**

**LO:** To use basic components of electric circuit and make a simple circuit.

Students were asked to connect basic components of an electric circuit to make a simple circuit with the bulb. They were asked to show that the bulb is lit when the circuit is closed. They were asked to make a simple circuit using switch also. Through this activity students were able to identify basic components of electric circuit and they were able to make a simple circuit with and without using switch. They were able to understand the use of switch in a simple circuit.

### **Social**

**LO:** To explain about organization which help us.

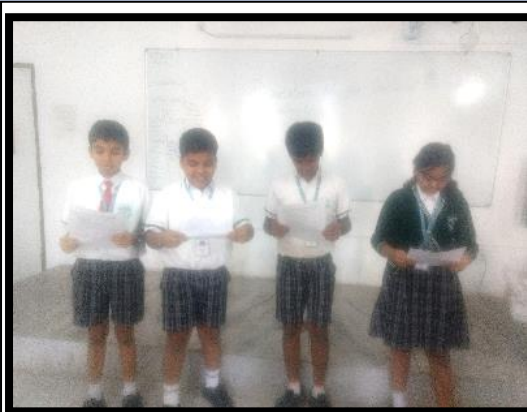
Students expressed their learning and knowledge about the different organization like Police, Hospital, Post Office, Banks, Armed Forces and Voluntary Organization using the activity 'I am a teacher today'. They explained through presentation about the features of the organization and how they help us. The presentation helped the students to explain the concepts and also develop their confidence and speaking skills.

### Global Perspectives

**LO:** To reflect on voluntary organization which help the poor.

In connection to the Social Studies topics of Organization and the topic of 'Rich and Poor', students focused on voluntary organization which help poor in the time of epidemics, natural disaster and in times of need. Students reflected and expressed through the presentation the gratitude we should express as voluntary organization work free of cost for the poor and distressed people.

### Stage 5



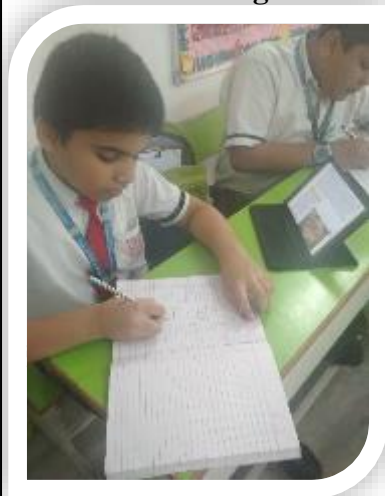
English



Math



Global Perspectives



Social



Science



Telugu

### English

**LO:** 5Wf1 Map out writing to plan structure, e.g. Paragraphs, sections, and chapters.

**LO:** 5S&L3 Talk confidently in extended turns and listen purposefully in a range of contexts.

Students were grouped and the success criteria for writing of a traditional tale, to make it modern and local was explained. Students followed the criteria while writing it. Then the students narrated confidently in turns the traditional tale to the audience (class mates and teacher). The narration of the traditional tale helped the students to focus on the features of the tale and also to improve their dramatic reading and speaking skills.

## Math

**LO:** The Concept the children mastered this month is **Handling Data and Probability.**

The children worked on Collection of data and representing the same by Tally Marks, Bar Graph, Line Graph and Pictograph. They conducted survey on number of students in Sports House in all the stages and represented the same by graphs. Also conducted survey on number of students in class relating their heights and represented the same by Tally Marks. The children mastered the concept of importance of intermediate points in Line Graph. And also were able to select the suitable type of graph for the given data. The children worked on Probability. The occurrence of the certain events, event chances, impossible events, more likely events and less likely events. They represented the above chances on Probability line that lies between 0 and 1.

## Science

**LO: Changing the size of the shadow**

The students have moved the puppet further away from the lamp and close to the screen. They also moved the light source away from the puppet. They found that the size of the shadow can change. Shadows are bigger when the object is closer to the light source, because the object blocks out more of the light from the light source. Shadows are smaller when on object is further away from the light source.

## Social

**LO:** To be able to analyse the cause and effect of a historical event.

Activity: Students of stage 5 were engaged in a brain storming session in which they discussed the cause and effect of the coming of the British and The Revolt of 1857. They recorded the summary of the discussion in a tabulated form in their notebook. The students were able to analyse the reasons of the revolt and explain its consequences.

**Global Perspectives - How to keep healthy?**

Activity: Students of stage 5 wrapped up their third GP project by making a Food Pyramid. They worked on the food pyramid based on their understanding of the correct proportions of the 5 food groups in our daily diet and demonstrated the same with a class presentation.

## Hindi

The students were given an opportunity to watch a story with a moral. They were asked to write a story using their creativity in developing a story changing the story elements (setting, character, plot, resolution etc.) The kids used all their creativity in creating their new stories with the given moral.

## Telugu- Tenses

Sentence flash cards are given by teacher. They pasted it in their note book and identified which tense and wrote in the note book. By this they learnt the usage of tenses.

## Stage 6



English



Math



Telugu

### **English - Poetry Recitation.**

**LO:** To enhance the elements of poetry recitation.

Students learnt and understood pitch, voice inflection, and volume. They choose different poems to recite in the class. They enjoyed the rhythmic poems and learnt poetic devices (alliteration, rhyme scheme, verse, etc.) which enhance the poetry.

### **Math**

**LO:** To find the likelihood of an event.

The students of stage 6 learnt to express the probability of an event in decimals, percentages and fractions. They worked in teams and created probability puzzles that included rolling a dice, flipping a coin, cards game, dart game and spinning a wheel. The students enjoyed the concept thoroughly as well as learning the application of probability in real life situations.

### **Science**

**LO:** Students were introduced to concepts of electricity and circuits.

The students were all excited to take up building simple circuits. Certain topics related to charge carriers were explained to the students in detail and rules and colour coding of internal wiring were also explained. The lesson would also cover experiments related to circuits, conductors/insulators and effect of length and cross-section on the resistance.

### **Social - Physical Features of India.**

**LO:** Able to understand and identify the Physical Features of India.

Students learnt about the physical features of India. The Northern Mountains, the Northern Plains, the Great Indian Desert, the Plateaus, the Coastal Plains and Islands.

Students prepared a PPT on the topic and presented in the class.

### **Global Perspectives**

**LO:** Global Perspectives emphasizes on developing the thinking ability in global point of view.

The students of stage 6 took up the concept of “Reduce Reuse Recycle” for the second term.

They watched videos on paper making, material required and collected information on paper production statistics. The students discussed on alternatives for paper and loss of vegetation.

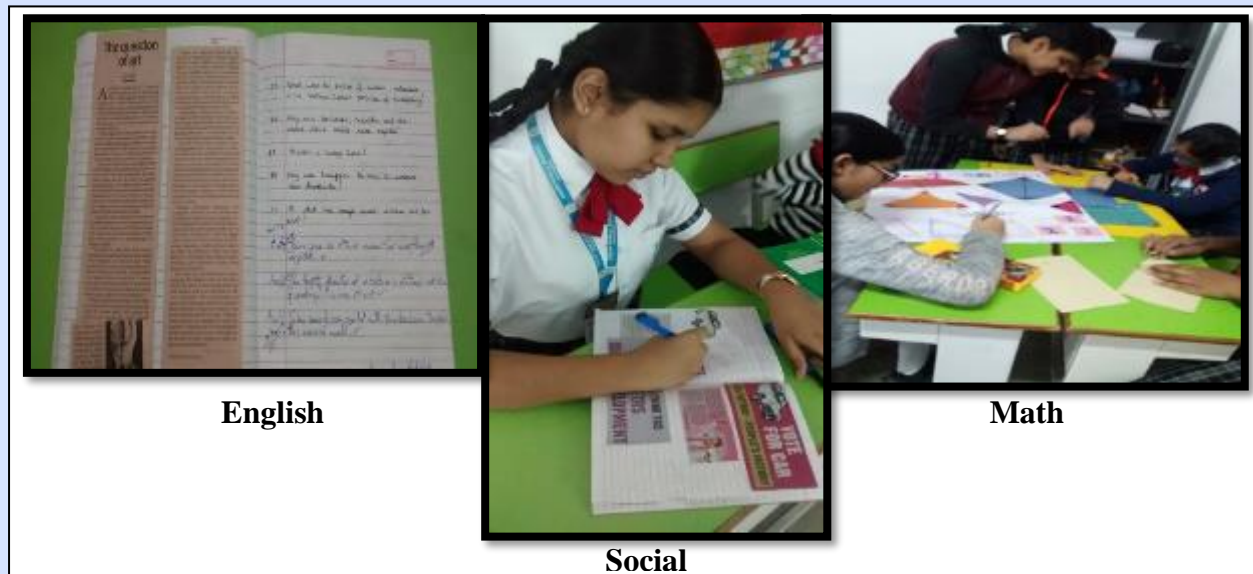
### **Telugu**

Students have chosen correct paryaya padaalu and written correct paryaya padaalu in the chart paper and pasted in another chart. By this they learnt about paryaya padaalu.

### **Hindi**

The students were given an opportunity to watch a conversation. They were asked to observe how the people spoke and were (introduced to) told that the words exchanged by people are called dialogues. The kids were given a task of creating conversation between people where dialogue is used.

## Stage 7



**English**

**Social**

**Math**

### **English**

Topic: News report- “Wh” questions

**LO:** To enable the students to know about reporting the news using ‘Wh’ questions.

Stage VII students learnt report writing and their features. They focused on learning the usage of the language, layout, headline, lead, facts, opinions, etc. They have learnt to answer WH questions for a news report published in the Newspaper. They framed questions based on a news report and peer evaluation is done.

**Math - Activity on angle sum properties of different polygons.**

**LO:** 7Gs6

Calculate the sum of angles at a point, on a straight line and in a triangle, and prove that vertically opposite angles are equal; derive and use the property that the angle sum of a quadrilateral is 360.

Students were asked to draw different polygons like triangle, quadrilateral, hexagon etc., and were asked to prove angle sum properties of different polygons by cutting the corners of those polygons and paste them to get a straight angle, complete angle etc. Through this activity they were able to understand angle sum properties of different polygons.

### **Science**

**LO:** Topics on Rocks

The students were detailed on the types of rocks and their ways of formation. Igneous rocks, sedimentary rocks and metamorphic rocks their characteristics and ways of identification were explained. The students also learnt about fossil records and their significance in the process of evolution. Techniques of radio carbon dating were briefly explained in knowing the age of the rocks and the fossils.

**Social- Institutional Representation of Democracy**

**LO:** Students will be able to understand Universal Adult Franchise and the term called Elections.

Students have done an activity on recent elections held in the state. They made the portfolios of different parties and collected the manifesto’s and symbols of different national and regional parties. They understood the importance of ‘Right to vote’ after attaining 18 years of age. Students had group discussion on ‘Why political parties are important in a democracy?’

**Global Perspectives - Disaster Management**

**LO:** To enable the students know about the disaster management.

(Continuation of the topic) Students reflected their projects on ‘Natural Disasters’ and explained about earth quakes, volcano eruption, hurricanes, etc. which damaged the environment and human life.



It enables the students to broaden their outlook on saving the world. They also presented their projects with the images of famous earth quakes, tsunamis and did their survey and realized that there is much requirement of disaster management.

### **Hindi**

The students were given an opportunity to watch a conversation. They were asked to observe how the people spoke and were (introduced to) told that the words exchanged by people are called dialogues. The kids were given a task of creating conversation between people where dialogue is used.

### **Achievements**



Himasriya of Stage 7 achieved distinction in Piano music in trinity academy

### **Science Week**



Science WEEK was conducted for stages 3 to 6 during the first week of December,

Students selected topics of their choice and worked in small teams to build their models / projects in school as per the allotted times. Students then presented their work in the yoga hall, wherein they displayed and explained their models to teachers and students of CAIE. The best models were selected by a panel of judges based on their concept, creativity and presentation and the students were rewarded.

## Special Assemblies

### World Soil Day



Students of Grade 1 shared facts about the different types of soil and their uses. Later during the assembly short quiz was conducted. Students across all levels participated actively and demonstrated their understanding of the topic. Headbands were distributed to the participants as a take away. The Assembly was a great way to educate the students about soil.

### Human Rights Day Assembly



On the occasion of Human Rights Day which was on 10<sup>th</sup> December a special assembly was organized. The students were informed about the history of human rights and its importance. A skit on the 'child rights' was also presented. The assembly helped the students to be enlightened on different aspects of human rights and the governing bodies who maintain it all throughout the world.

## Christmas Special Assembly



Cambridge International celebrated Christmas Eve with zeal and enthusiasm. Students from all grades participated in the Christmas Special Assembly. The assembly started with sharing of some facts about the festival followed by an enchanting performance by the choir group. The students of Stage 3 enacted the play "The Legend of the Three Trees" that was wrapped up by a foot tapping dance performance by 1st graders. Next was a dance and vocal presentation on the track "Feliz Navidad". Finally, the students were surprised by Santa's entry who danced to Jingle Bells and spread the spirit of Christmas around.

## Language Assembly



It was the turn of French students to present in assembly where they had to

Show they'd learnt. The presentation began by introducing a new word to all the students which was used as a password the later part of the day which continued with thought for the day, greeting song by stage 7 students, Introduction of more new words, and a skit. Other than that the kids sang French version of Jingle bells. The good thing about the assembly was the kids were noting down the new words and pronouncing them where learning took place. Overall it was a delightful presentation by the kids.

## Cambridge Community Meet-14<sup>th</sup> December, 2018



Cambridge Community Meet was held on 14<sup>th</sup> December, 2018 at DPS, Nacharam. Around 22 schools participated and discussed about various aspects of Cambridge International. Mr.Lalith and MS.Shammi Chowdhury (Recognitions Manager, South Asia) shared their inputs regarding Cambridge A and AS Levels. It was very interactive session with all the IGCSE School Principals and Academic Coordinators. The host schools of Inter school competitions were thanked for conducting all the events successfully for the academic year 2018-19. Cambridge community decided to expand and exchange the resources relating to the curriculum and examinations. DPS is the Centre for Cambridge English Exams for the academic year 2018-19. Students from different schools can enroll for the Cambridge Assessment Examinations.

Cambridge community closed the session by declaring the next community meet by the end of February, 2019 and venue is Chirec International School.

### Parent Orientation



Orientation programs are fantastic opportunities for parents to know what to expect in the coming year of the curriculum and also equip themselves for it.

An orientation program is organized for the parents seeking admission into Cambridge International curriculum for their wards. The head mistress of CAIE Mrs. Krishna Sri welcomed the parents to the session. She shared the vision, the curriculum, teaching methodologies, assessment system and co scholastic activities with the parents. She laid stress on club activities and STREAM projects that are

integrated with the curriculum. She also answered the FAQ's by the parents while parents could get a glance of active learning class rooms.

It is with great pride we can show continuing progress of our department. Outstanding programs and excellent learning opportunities have been continuously provided to students for their overall development.