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# THEMATIC PROJECTIONS
# GRADE: 2
# THEME 2: REEL AND REAL

The theme Reel and Real teaches the disparity between the physical and imaginary or virtual world. As students are increasingly surrounded and hooked by gadgets that connect them to the virtual world or reel world that they start believing everything they see. So, this theme definitely helps them understand that what they see on Television, Internet or in games is all not true. The real world is a little more difficult and requires a lot more hard work from us.

## Activity Calendar for July

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY |
|---|---|---|---|---|---|---|
| | | | | 1 | 2 | 3 |
| 4<br>Session Begins | 5 | 6 | 7<br>KIS STEM 1<br>Science<br> | 8<br>English Handwriting<br> | 9 | 10 |
| 11 | 12 | 13 | 14<br>KIS STEM 2<br>Technology<br> | 15<br>Good Friday | 16 | 17 |
| 18 | 19 | 20 | 21<br>KIS STEM 3<br>English<br> | 22 | 23 | 24 |
| 25 | 26 | 27 | 28<br>KIS STEM 4<br>Mathematics<br> | 29 | 30 | 31 |

# Activity Calendar for August

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4<br>कविता वाचन<br> | 5 | 6 | 7 |
| 8 | 9<br>Muharram<br> | 10 | 11<br>Raksha Bandhan<br> | 12<br>Ode to our Leaders<br> | 13 | 14 |
| 15<br>Independence Day<br> | 16 | 17<br>International Dialogues<br> | 18 | 19<br>Janmashtami<br> | 20 | 21 |
| 22 | 23 | 24<br>Trip to Cine Art<br> | 25 | 26 | 27 | 28 |
| 29 | 30 | 31<br>Ganesh Chaturthi<br> | | | | |

# COMMUNICATION - LEARNING STANDARDS

Students are continually given exposure to oral and written language to develop fluency.

**Nouns - Collective Nouns:** Students will be able to:

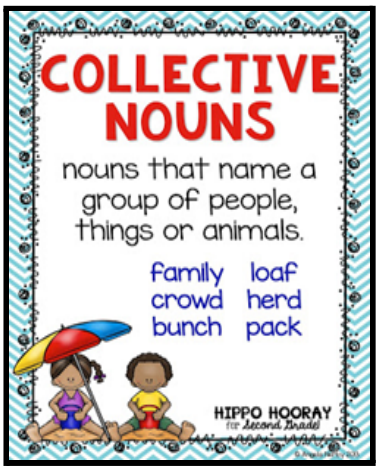
- Learn that a group of people, place, thing or animal of the same kind are called Collective nouns.

  Example: a bunch of keys

  a crowd of people

  a flock of birds

- The colour code for collective nouns is black.
- Demonstrate and identify collective nouns in a sentence.



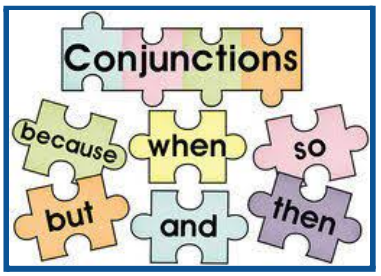

**Conjunctions:** Students will be able to:

- Understand the use of Conjunction or joining words.
- Identify the conjunctions in a given sentence.
- The colour for conjunctions is purple.
- and, but, because, or are some of the conjunctions.

Example: I got late <u>because</u> I missed the bus.

Do you want an ice cream <u>or</u> a pizza?

Apple, mango, cherry <u>and</u> banana are my favourite fruits.



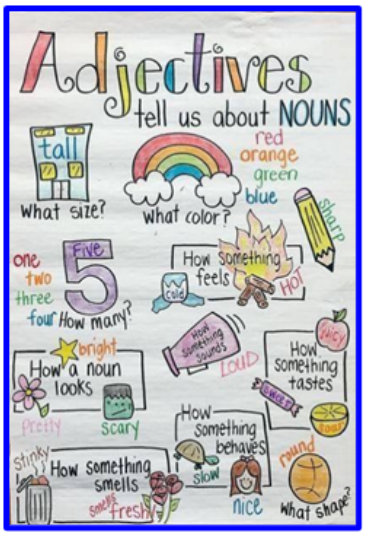

**Adjectives:** Students will be able to:

- Classify and recognize adjectives as describing words.
- Use of novel vocabulary words to add meaning to a noun and communicate effectively.
- Develop emotional intelligence.
- The colour for adjective is blue.

Example: Ria has a blue car.

Sia got a beautiful doll.

I have five candles.



**Jolly Phonics (for building new vocabulary):** Students will be able to:

- Identify the long vowel sound 'oa' and alternatives

Examples:
'oa' - boat, throat
'o_e' - bone, cone
'oe'- toe, doe
'ow'- bow, show

- Identify long vowel sound 'ue' and alternatives

Examples:
'ue' - queue, rescue
'u_e' - cube, mute
'ew'- blew, screw

**Reading (Fitzroy 21: The Rabbit wants a Carrot)**

**Story Elements:**
Students will be able to:

- Identify the elements in the story.

**Story Reading:**
Students will be able to:

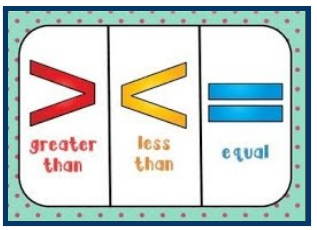
- Read story text for both learning and pleasure.

## NUMBER CONCEPT - LEARNING STANDARDS

To nourish students' thinking skills and develop their logical and analytical skills, the following concepts will be done in the class.

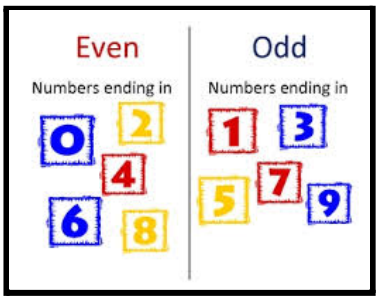
**Number Concepts:** Students will be able to:

- Forward Count – 201 to 400
- Understand Number Concepts (201-400) - Before, after & between Numbers, Greater Than, Lesser Than, Equal To, Ascending Order and Descending Order.
- Use manipulatives (Ganit Mala).



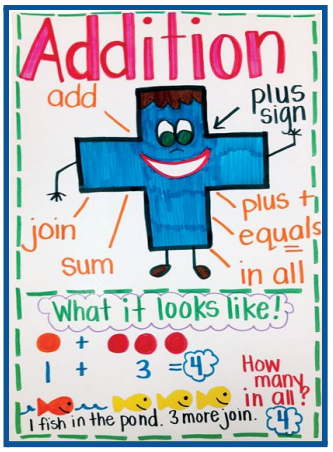
**Odd and Even Numbers:** Students will be able to

- Learn how to identify even numbers (ending with 0, 2, 4, 6, and 8) and odd numbers (ending with 1, 3, 5, 7 and 9) while counting as well as when presented randomly.
- Understanding this classification of numbers as an essential skill as it builds a deeper understanding of the **Number System** and also lays a foundation for the concept of **Division**.



**Addition:** Students will be able to

- Learn the basics of Addition - How to add, find the sum or 'bring together' two or more numbers to make a new number. The ability to 'Add' numbers is essential in all areas of day to day life - in school, at home, at work and socially.
- The plus sign (+) is used to denote addition.
- Using real life objects - pencils, books.




**Time:** Students will be able to

- Understand the basics of a clock, its parts, markings and their interpretation.
- Learn about different types of clocks - analog and digital.
- Learn the importance of telling the time and its various uses.
- Understand how to determine o'clock and half past.
- Interpret and determine the time (o'clock or half past) through visual representation and drawing in both analog and digital clocks.
- Understand the concepts of AM and PM.

**Money:** Students will be able to

- Identify different currencies of the world and their symbols.

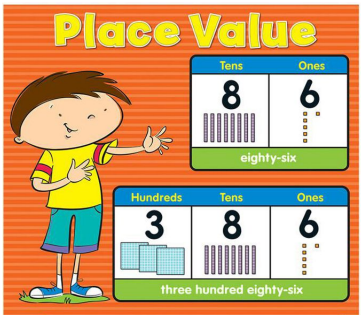
  Example: Dollar, Euro, Pound, Yen, etc.
- Learn the name, symbol and value of Indian currency - coins and notes.
- Learn the importance of money and how to spend it wisely.

**Life Skill**

Students will learn the importance of spending and saving money wisely and will learn different ways in which they can spend money to support a good cause - Donating to the needy.

**Place Value of Numbers:** Students will be able to:

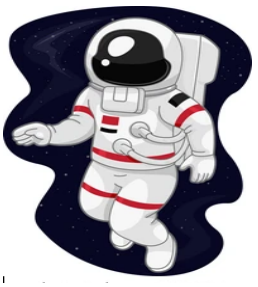
- Identify the place, place value and face value of digits placed at different positions in a number using manipulatives of Jodo Gyan.
- Use dienes/real objects and Maan Cards to determine place value.
- Understand the meaning of place value of hundreds, tens and one through a variety of fun activities as well as rigorous practice.



# JUST SCIENCE - LEARNING STANDARDS

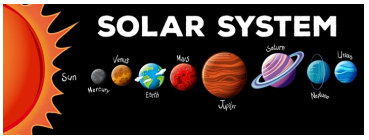
**Astronauts and Transformers:** Students will be able to

- Know about real astronauts who work hard to accomplish their mission (Neil Armstrong, Yuri Gagarin, Rakesh Sharma, Sunita Williams etc.).
- Read about the animated characters. (Transformer- Bumble Bee, Megatron).
- Learn to differentiate between them and understand thesimilarities between the two.



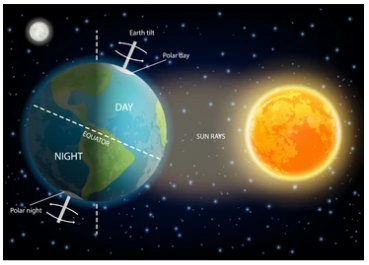
**Our Solar System:** Students will be able to

- To identify the eight planets of Our Solar System (Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus & Neptune), celestial bodies (Stars, Planets, Satellites, Comets, Asteroids, Meteors).
- To determine the position of the planets from the Sun. (Mercury first and smallest to Sun, Venus-second and brightest etc).
- To explore their features in the solar system (Mercury - It takes 88 days to orbit the Sun, Venus- It is the brightest planet, Earth - It is the only living planet etc).



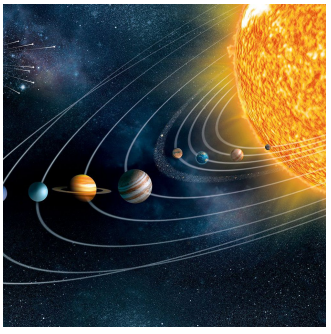

**Rotation:** Students will be able to

- Know that the earth rotates and it takes for the earth to complete 1 rotation in 24 hours.
- Learn that the formation of day and night happens because of the Earth's rotation.




**Revolution:** Students will be able to

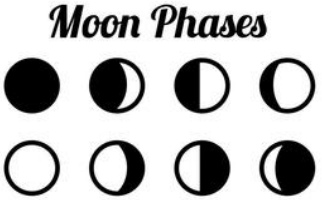
- Know that the earth and planets revolve around the Sun in a fixed path. It takes the earth to complete 1 revolution in 365 days and 6 months.
- Learn that the formation of seasons happens because of the Earth's revolution.



**Phases of Moon:** Students will be able to

- Learn how much of the moon appears to us on Earth to be lit up by the Sun. As the moon orbits the Earth, we can see only a portion of the lit up side that is Phases of moon.

  Example - New Moon, Full Moon, Crescent, Gibbous, First Quarter.



# THEMATIC ACTIVITIES- LEARNING STANDARDS

Learning by doing and giving hands on experiences to the students always triggers the creativity, critical thinking and problem solving in them thus in the process creating future learners. Keeping this in view, the students would accomplish few interesting activities.

**My Dream Princess:** Through this activity students will get an opportunity to read the fairy tale literature and understand the difference in the piece of literature written by the two different authors with the help of clues.

Students will be able to:

- Comprehend the passage and apply the grammar concept of nouns and adjectives while describing a personality.
- Enhance their reading skills.

**I am the Princess:** This activity enables the students to infer data, analyse it, make a survey and represent the given information into a bar diagram. After reading the story they will be able to form an image about each of these princesses (princess Diana and Cinderella) able to collect raw data by doing a survey in the class on the choice of princess.

Students will be able to:

- Infer their own findings in the form of bar diagrams thus being independent and confident learners.

**Learning Today……..Leading Tomorrow**: The objective of this activity is to make students aware of the importance of education and how it brings change in our lives by reflecting on the life story of an eminent International personality.

Students will be able to:

- Understand the importance of hard work to be successful and being humble and compassionate.

**Education Renews our Lives:** The students will conduct research on a real life personality and make a project on it to make the learning more deep, hands-on and impactful.

Students will be able to:

- Observe the life of the eminent personality, understand the contributions made by them.
- Relate that education and inculcating values in oneself helps building a good personality.

**Transformers / Astronaut**: The students will watch a movie 'Transformers' showcasing transformers and their role on earth.

Students will be able to:

- Realize the difference between reel astronauts i.e. transformers and their role on earth and real astronauts and their contribution to mankind.

**Phases of Moon - Oreo Activity:**

Students will carve different phases of Moon on Oreo Vanilla cream biscuits and will show it to each other to make the learning more deep, hands-on and impactful.

Students will be able to:

- Describe the fact that the Moon has different phases.
- Learn in depth why the Moon changes over time using Oreo vanilla cookies.

## HINDI - LEARNING STANDARDS

हिंदी भारत की मुख्य भाषा है | हिंदी भाषा को हम सभी समझते हैं , जानते है और बोलते हैं | बड़ी प्यारी सी सरल और शुद्ध भाष है हिंदी |

हिंदी विषय में इस माह में बच्चे निम्नलिखित कार्य करेंगे |

- आ मात्रा पुनरावृत्ति
- पठन अभ्यास
- श्रुतलेख
- इ, ई , उ मात्रा का परिचय
- इ, ई , उ मात्रा शब्दों का पठन, लेखन, व अभ्यास कार्य |
- चित्र पहचान कर शब्द लिखना

- अमात्रिक, आ मात्रा, इ, ई , उ  मात्रा से अभ्यास कार्य  |
- श्रुतलेख
- पठन अभ्यास
- श्रवण कौशल के अंतर्गत कहानी सुनाना |

## ICT - LEARNING STANDARDS

ICT skills are imperative for students to build strong communication.

**MS-Word:** Students will be able to

- Demonstrate basic skills to use MS-Word.
- Comprehend the basic vocabulary associated with the processes of inserting and colouring shapes.
- Insert 2D and 3D shapes to create their own shape city.
- Comprehend the steps to insert different shapes, resize them and insert colours.
- Differences between 2D and 3D shapes.
- Colour and create their drawing using 2D and 3D shapes.
- Will be able to identify how many vertices, edges and faces their 3D shapes have.
- Name and save the document.
- Print the document.

## CUBETTO - LEARNING STANDARDS

Cubetto is the friendly wooden robot that teaches the basics of computer programming through adventure and hands on play thus sharpening the logical reasoning and critical thinking in our students.

**Coding Blocks:** Students will be able to

- Talk about Cubetto parts.
- Give command to Cubetto.
- Understand use of Coding blocks
- Learn to control the digital device.

## VISUAL ART & CRAFT - LEARNING STANDARDS

Students will be able to create designs using their imagination.

**African Folk Art:** Students will be able to:

- Understand the origin of Folk-art.
- Create designs using the basics symbols, and icons of the art.

| | |
|---|---|
| **Craft - Rakhi Making:** Students will be able to:<br>• Make rakhi using origami sheets and decorate the same . | |
| **PERFORMING ARTS - LEARNING STANDARDS**<br>**Freestyle Dance on Patriotic Theme: (Song- Patriotic Medley ):** Students will be able to:<br>• Apply the techniques and movements of freestyle dance.<br>• Do cartwheel and flips through this style.<br>• Use props while dancing. | |
| **MUSIC & MELODY - LEARNING STANDARDS**<br>**Song (Never Say Never):** Students will be able to:<br>• Understand the lyrics of the song and learn to sing along.<br>• Sing the song with correct tune and rhythm. | |

**Life Skill of the Month**: Students will realize the difference between the make believe or virtual world and the real world. By reading and then comparing various fairytale characters with real world famous personalities, they will understand that to rise to greater heights and achieve success a person needs to put in real hard work and be humble. This theme helps inculcate life skills like empathy, hard work, compassion amongst the students as the students compare and understand reel and real-life characters.

**Warm regards**

**Dr. Sangeeta Arora**