



# Kothari International School

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## MONTHLY JOURNAL OF GRADE 1 THEME 1: SHAPES AROUND US.

This theme is a beginning towards making a connection between familiar objects and their shapes. It teaches us the distinction between Natural and Manmade shapes around us, patterns in shapes, different shapes and their properties. Introduction of this theme at this point is to provide opportunities from different domains of life and stimulate the children to consciously relate each with the basic skill they have been unconsciously using till now.

### Synopsis Of the Activities

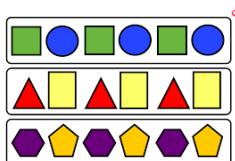
- **Shape Walk:** activity enables children to understand how a few simple shapes make up a lot of things we have in the world. They learn to distinguish what all shapes are present in the natural surroundings like mountains, sun, moon, trees, leaves etc. and things made by human to fulfill their needs and requirements like cars, table, chairs, lights, buildings etc. Classifications of objects as natural and manmade.
- **More Shapes:** Shapes are further classified into the two categories of being a Polygon and a Non Polygon. Polygon is introduced-straight lines which connect up, closed figure and flat shape with three or more sides. Attributes of non polygon-curved line, does not have corners on all shapes, sides sometimes cross, some shapes don't close.

- **Bubbles:**



Students will learn about the properties of air and water. Experiment will be done by blowing the bubbles in a liquid soap with the help of a straw. Air is inside the bubbles. Bubbles will always take circular shape. Same experiment with a balloon. Air gets trapped in the balloon wall. Balloon looks shrunk before the air is blown in it and when the air is filled it looks bloated. Bubbles last longer catching with wet hands.

- **Shapes in a pattern:**



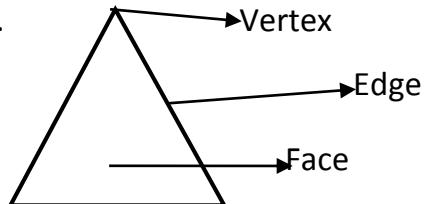
Providing a way to understand patterns. While forming patterns children will be able to comprehend and describe the positions of objects by using correct spatial vocabulary. They

are able to understand and recognize any given pattern combining 2 attributes- colour and shape; colour and size. Concept of pattern is introduced by coding and decoding method.

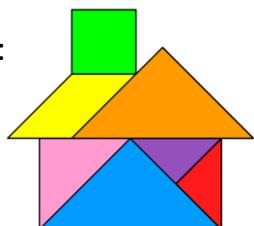
- **World of Shapes:** This activity focuses on analytical and language skill. It is further given an extension as usage vocabulary for sentence building, question formation, spatial position, nouns and adjectives.
- **Shapes All Around:** Helps children to formulate learning as base for position words.

- **Lets Know More of Shapes:** - Activity divided into 2 parts.

1. Introduction of Shapes Attributes bases on their geometric properties- face, edge and vertex.



2. Tangram:



To make this activity interesting seven flat shapes cut outs will be given to children which will be put together to form a specific shape and cannot overlap. Cut outs to be pasted in a given space and construct a pattern.

- **Shape a Glider:** Paper glider activity will act as a base in learning that the air would pass fast and freely in a circle shaped glider as it does not have corners and edges.



- **Strong Shape:** The activity is aimed to give an opportunity to the children to check by experimentation strength of different shapes and also know how each shape can be further strengthened to bear more pressure. This principle is used to strengthened structures when buildings or bridges are built. A structure with a base is always stable and strong.

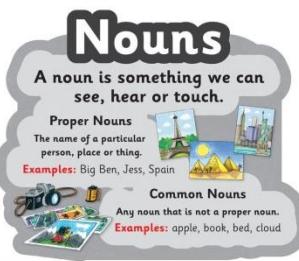
- **Math City:** This activity aims at making city structures using shape, followed by data collection and its analysis.



## Related Concepts (Extended Learning)

### Literacy

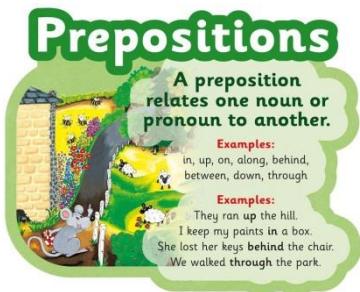
We develop literacy in students by continually exposing students to oral and written language.



Students will learn nouns as naming words. The words that are used To name people, place animal or a thing. You can see, hear and touch them. Colour code for noun is black.



They define the different attributes of naming words in relation to its colour, size, number, shape etc. Colour code for Adjective is blue.



A brief about preposition/position words tells us where something is. Words commonly used are in, on, under, between, after, before. Colour code for preposition is green.

- Punctuations: Correct use of full stop and capital letters and question mark while writing sentences.
- Diagraph to be covered ‘ch’: Students will learn words starting with ‘ch’ diagraph eg: child, chips, chain, chair and more...
- Recapitulation of jolly phonics 42 sounds covered in K2.
- Recapitulation of previous concept done in K2, three letter words and rhyming words.
- Fitzroy Reading ‘The Animal’ and ‘My Lost Bear’
- Sentence Making and Framing sentences.
- Tricky Words.

### Numeracy

To nourish student's thinking skills and develop their logical and analytical skills, the following concepts will be done in

- Recapitulation of the previous concepts done in K2.
- Sequential Counting 1-99
- Backward Counting 50-1
- Greater than and less than 1-50

- Before After and Between Numbers (1-50)
- Number Names 1-50
- Addition (Single and double digit addition, no carry over)
- Tally.



## Hindi

हिंदी हमारी मातृ-भाषा है, सिर्फ एक भाषा नहीं !  
देश के प्रति अपना अभिमान जताने को सीखते हैं हिंदी !  
हमरे आस-पास, घर-बाहर सब जगह बोली जाती है हिंदी !

हिंदी सीखना बहुत ही सरल है, यह भाषा जैसे बोली जाती है वैसे ही लिखी भी जाती है, इस कारण बच्चों को अपनी शिक्षा के प्रारंभिक वर्षों में ही हिंदी भाषा का ज्ञान देना शुरू कर दिया जाता है क्योंकि इस उम्र में बच्चों की सीखने की क्षमता बहुत ही प्रबल होती है और बच्चे बहुत ही शीघ्र सब कुछ सीख जाते हैं। इसी कोशिश के चलते इस सप्ताह बच्चों ने निम्नलिखित कार्य किया।

- ❖ मौखिक : अक्षर ‘ग’, ‘ट’, ‘ठ’, ‘द’, ‘ਢ’ का परिचय।
- ❖ लिखित : अक्षर ‘ग’, ‘ट’, ‘ठ’, ‘द’, ‘ਢ’ की बनावट व् जुड़ी गतिविधियाँ।

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## Excursion

### A Trip to Historical Monument

Excursion provide direct source of knowledge and acquaint the students with first-hand information. Grade 1 students will be going for an excursion to ‘India Gate’ where they will get an opportunity to build their own knowledge on the historical monument. This excursion is in tandem with the ongoing theme. Children will connect the classroom learnings with the shapes in the monument. The large Archway, gardens, Amar Jawan Jyoti are a multitude of different shapes like square, rectangles, circles etc. the visit to this heritage will prove to be an experience to cherish for all our little learners.

### Life skill of the month: Appreciating the artistic work created with shapes by nature and man.

**K-3 Incharge** \_\_\_\_\_