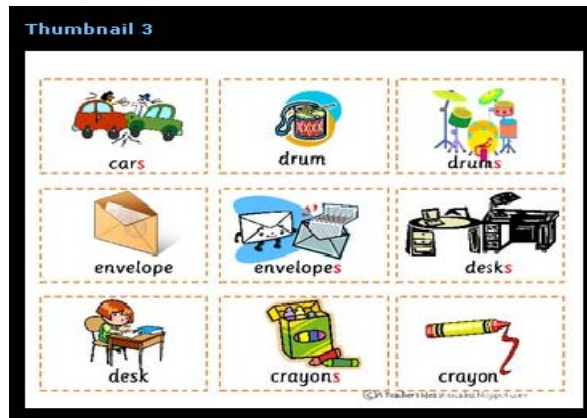## CURRICULUM INPUTS FOR THE MONTH OF MONTH OF MAY-JUNE (2014-15) – P4

ENGLISH

- Is able to understand the Number (singular and plural)

Gender (feminine and masculine)

Genders	
FEMININE	MASCULINE
cow	bull
doe	buck
sow	boar
queen or worker	drone
ewe or dam	ram or buck
princess	prince
dutches	duke
witch	warlock
niece	nephew
aunt	uncle

- Is able to read independently the texts given in Multiple Readers.
- Is able to improve her or his oral presentation skills by preparing for recitation of poems and stories.
- Expresses his or her experiences, observations and ideas creatively in written form.
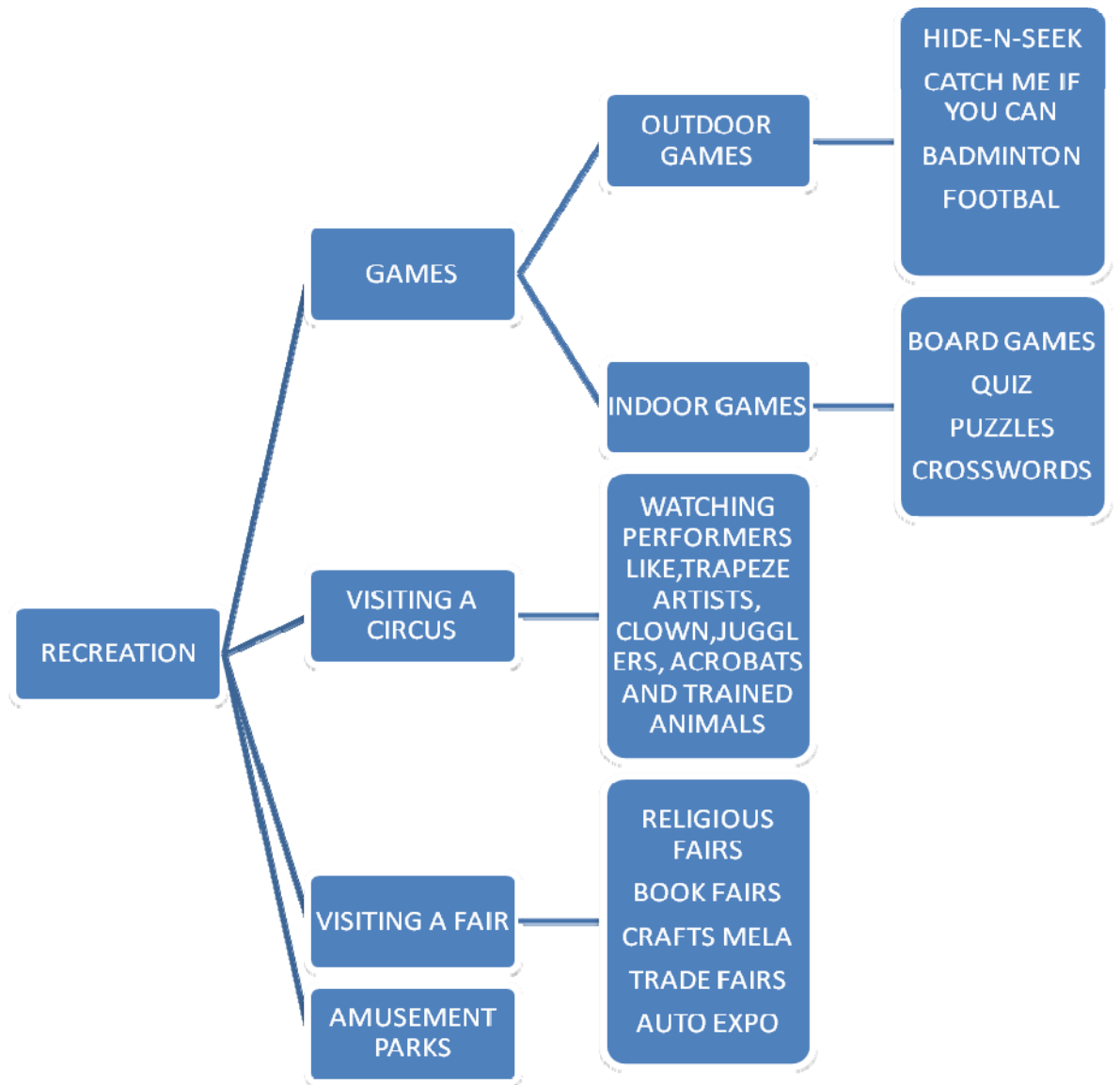
MATHEMATICS
- Recapitulates four-digit numbers.
- Recognizes of 5 digit numbers.

- Understands the difference between the concepts of place value and face value.
- Practices ascending-descending, expansion of numbers, number names.
- Understands the significance and use of commas in big numbers.

E.V.S.
- Discusses the various avenues of recreations around us.
- Recollects different indoor and outdoor games.
- Understands the idea of fair-play and develops team spirit.
- Recognises different professions around us and understands how they are depended on each other.

RECREATION

GAMES

OUTDOOR GAMES
- HIDE-N-SEEK
- CATCH ME IF YOU CAN
- BADMINTON
- FOOTBAL

INDOOR GAMES
- BOARD GAMES
- QUIZ
- PUZZLES
- CROSSWORDS

VISITING A CIRCUS
- WATCHING PERFORMERS LIKE,TRAPEZE ARTISTS, CLOWN,JUGGLERS, ACROBATS AND TRAINED ANIMALS

VISITING A FAIR
- RELIGIOUS FAIRS
- BOOK FAIRS
- CRAFTS MELA
- TRADE FAIRS
- AUTO EXPO

AMUSEMENT PARKS

HINDI

वचन– एकवचन और बहुवचन का ज्ञान प्रदान करना।

किताब– किताबें

एकवचन और बहुवचन शब्दों की पहचान करवाना।

स्त्रीलिंग – पुल्लिंग शब्दों की पहचान करवाना।

औरत– आदमी

लिंग और वचन के माध्यम से भाषा में शुद्धता का महत्व समझना।

समाचार पत्र से रचनात्मक लेखन करना।

SANSKRIT

➤ श्लोक – अपरं भवतो जन्म.......................................।

➤ संस्कृत संभाषण के वाक्य

➤ ग्रीष्मावकाश गृहकार्य में दिए गए श्लोकों को व्यक्तिगत रूप से सुना जाएगा।

➤ क्रिया-कलापः- तीनों वचनों के संस्कृत शब्द चित्र सहित स्लेम शीट पर करवाए जाएँगे।

COMPUTER

To know about Input and output devices

- Input device
- Output device

Practical:-Make a list of the input device and output device discussed in the chapter.

🖥Knows more about windows.

Desktop   Files

CLAY
- Make a 3D Head.
- Make any animal of your choice.

CRAFT
- Children will make folders and diaries with hand- made paper and cardboard from old notebooks.

GRANDPARENT FORUM

We are thankful to Dr. Pushpa Saini grandmother of Aadya Saini of class P4D for sparing her precious time and enlightening the children with her experiences when she was a child. She also spoke to them about traditional games, importance of discipline in life and time management. Being a doctor she gave useful tips for the hot summer season. She also shared interesting anecdotes of her childhood. It was indeed a very educative and informative interaction with our children.

FEED BACK OF THE GRANDPARENT

It was my pleasure to be a part of my grandson Aadya Mohan's classmates. In fact it took me down the memory lane of my childhood days & I recalled all the precious moments of my own primary school days. I enjoyed answering the questions which were straight from the heart of the lovely children.

To conclude I have no further words then to thank you to give me a chance to be a part of my childhood once again.
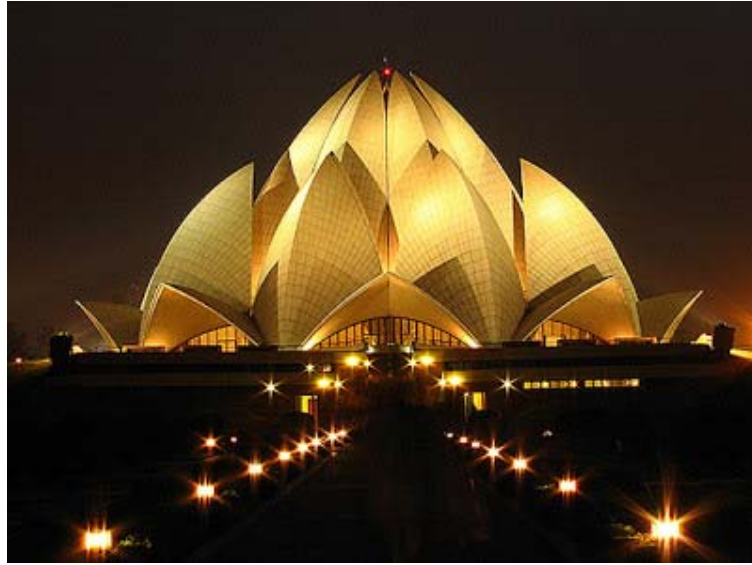
In fact I was touched when Chaitanyaa said " Dadi please come again"

Wish you all good luck & Success in life.
Dr Pushpa Saini

EXCURSION

The children will go to the Lotus temple for an excursion.

PREFACE FOR SUMMER ACTIVITIES

Dear Parent(s),

'Exciting time is here again! It's time for Summer Vacation and fun filled activities'.

Children are reservoirs of potential which needs to be channelized in diverse ways. We at GYAN BHARATI SCHOOL feel that it is very important to fire their imagination and foster an outlook that helps them explore, discover and rediscover. Children should be encouraged to develop intellectually and physically. Summer Vacation is the best and fruitful time for learning and creativity. It is the time when you can connect with your child in many ways.

The Suggested Activities in the Dialogue have been designed not only to enhance achievements of your children but also help to enhance family relationships. It would teach your child to work independently and would improve their basic academic skills, such as reading, writing, and spellings. It would also help them develop personal skills and time management.

The activities have to be done in a paced manner, without putting any kind of pressure on the child. It is best to sit with your child at the beginning of the holidays and plan it by discussing together.

A few suggestions that you may keep in mind.

- Spend quality time with your children. Take them out to outings and have fun time together. Allow children to indulge in physical activities of their choice.
- Help your children to become independent by giving them responsibilities. Involve them in small household activities.
- Inculcate in them good manners, healthy habits and respect for elders.
- Help to imbibe the feelings of empathy, affection and tolerance in your children. Give them a chance to look after you and their younger brothers and sisters.
- Provide a literary-rich environment to your child. Encourage your children to read books to enhance their language skills. Reading will also boost their interpretative skills and provide them valuable literary experience.
- Cultivate sportsmanship by encouraging your children to play various indoor and outdoor games.

We also believe that summer reading is a valuable experience for all students and an important extension of our educational program to make them a lifelong readers and learners. Books are the wings on which children's imaginations soar. Books dare them to dream, nourish their curiosity, challenge their ideas, and help to develop reading strategies to help them in comprehension.

It is advisable to choose any 2 books from the list below according to child's level and interest from the suggested list. Add-ons in the reading list are for the advanced reader and hence optional. They can pick up any title from the suggested series they prefer. These

books are available at most bookstores, online, or at the public library.

The Suggested Activities must be the effort of the child. Parents must act as guides and facilitators but not substitutes to do the work. We will appreciate the process and the learning experience provided to the child. We are not looking for fancy finished products. In fact, mistakes committed in the work would be a testimony to his/her original, unedited work.

SUGGESTED ACTIVITIES

➢ MATHEMATICS DICTIONARY

Choose any fifteen words from your mathematics book, and define each word in your own words and try to provide each word with a handmade illustration. For example,

WORD- Pattern (NOUN)
DEFINITION- When one thing (word, decorative piece, sound, or number) is REPEATED several times after a specific interval, a pattern is formed.
For example, in the following picture the patterns using the shapes of cars, animals and objects are made.
PICTURE-

You can use slam sheets to represent each of the word in your dictionary.

➢ **PICTURE DICTIONARY**

Make a **picture dictionary** showing the difference between the meanings of the following pairs of homophones. You can add more examples of your own with at least ten more words.

Toe- two,   Pair- pear,   Sow sew,   Here- hear , Dough,-doe
Sell- cell, Peace-piece, Way- Weigh, Bear- bare, Whale- veil.

➢ **SNAKES AND LADDERS**

Make your own board game of **Snakes and Ladders**. You can add the following along with numbers.
 a) Good qualities (ladders) and bad qualities (snakes) in self
b) Good eating habits (ladder) and bad eating habits (snakes)
Frame your own rules and write them on the back of the game board .Keep a dice and counters in a small plastic bag to play .You can play this game with the family you will meet during the vacations.

➢ **JUGGLING NUMBERS**

From the newspaper, look for digits 1 to 9 and stick them on an A-4 sheet. Make sure the size of digits is not too small. Juggle the digits to make the numbers described below. The challenge is, you can use a digit only once in a number.

1. Make the least 5 digit odd number.
2. Make the greatest 5 digit even number.
3. Make the greatest number that is greater than 9,000 but less than 9,500.
4. Make the smallest number that is greater than 45,000 but less than 46,000.
5. Make the greatest number that is greatest than 70,000 but less than 75,000.

6. Make the smallest number that is greater than 16,400.
7. Make the number that is 6,000 less than 92,417.
8. Make the number that is greater than 23,456 by 2,011.

- Revise tables from 2 to 15. Practice dodging tables and do oral drilling of them. Discover patterns in tables and note down the pattern.

➢ **GO FISH**

At least 30 words-some nouns, some adjectives and some verbs can be written on cards, which can be scattered on the ground. The children should be able to read the words clearly. A fishing rod can be made with a magnet attached to a stick. Each card will have a metallic gem clip attached. The children can be asked to go fishing. They will identify the cards with the nouns written on them and pick them up with the fishing rod.This can be repeated with adjectives and verbs.

➢ **EXPERIMENTS WITH WATER**

(Roll no 1-13 will conduct the first experiment, Roll no 14-26 will conduct the second experiment, Roll no 27-40 will conduct the third experiment)

- Take an empty glass jam bottle half filled with water. Stir 5-6 big spoons of sugar in it. Keep stirring till it dissolves. Take a pencil, tie a thread in the center and balance it on the rim of the jam bottle. Leave it and observe .Share your observations when you come back to school after the vacations.

- Dissolve large amount of salt in half a glass of water. Pour it in a wide vessel and keep it in a sunny corner till all the water evaporates. Share your observations when you come back to school after the vacations.

- **Make your own filter.**

  Set up an experiment using a plastic bottle as shown.

Plastic bag
or inner tube

Unclean water

fine gravel layer

Clean sand

fine gravel layer

Clean sand

Charcoal layer

Clean, clear safe
to drink water

Share your observations when you come back to school after the vacations.

➢ **MAPPING**

The Ganga is the most important river in the northern plains in India. It originates as Bhagirathi from the glacier Gangotri in the Himalayas one of its main branch flows into the Bay of Bengal and the other enters Bangladesh. Find out and write the different states it passes through on the map of India .The cities located on its banks and the various names it is called by.

➢ **MEMORY MULTIPLICATION**

Material-

- A deck of cards with the multiplication problems without solutions
- A deck of cards with the answers to the problems.

Set up-

1. On one side of the platform (ex: table, desk, floor) we turn the problem cards face down and mix them up.

2. On the other side, we turn down the answers to the problems face down as well and mix them up.

3. Player One starts the game just like we play the regular Memory game, however, we are using two decks of cards. Player One goes to the problem cards and turns one face up, and sees a problem (e.g. 7 x 4). Then, he/she goes to the answers on the other side of the platform and flips one over to see if the correct answer is flipped over (i.e. 28 for the right answer). If the correct answer is flipped over, the player keeps the two cards flipped face up and does again. If not, the two cards get flipped face down again and Player Two goes next.

4. Player Two does the same as Player One.

5. The player who wins most collected cards when they're all gone wins the game.

➢ **SANSKRIT**

ग्रीष्मावकाश–गृहकार्य

संस्कृत भाषा शिक्षण का मुख्य उद्देश्य शुद्ध उच्चारण द्वारा नवीन शब्दों का ज्ञान देना है। विद्यार्थी की पठन, लेखन और श्रवण कौशलों को इतना सुदृढ़ और सशक्त बनाना कि वह अपने भावों को अभिव्यक्त कर सके। इससे छात्रों में विद्यमान सद्वृत्तियाँ उभर कर सामने आती है।

१. स्कूल में प्रातःकालीन सभा में गाए जाने वाले श्लोकों व कक्षा में कराया गया श्लोक शुद्ध उच्चारण, उचित लय व अर्थ सहित कंठस्थ कीजिए।

२. अपने आस-पास के वातावरण में पाए जाने वाले पाँच वस्तुओं के नाम चित्र सहित स्लेम शीट पर संस्कृत में लिखें।

३. निम्नलिखित संस्कृत संभाषण के वाक्य कंठस्थ करें व अपनी कक्षा कार्य कॉपी में लिखे व कक्षा में अपने मित्रों के साथ बोलने का प्रयास करें।

---

१. नमामि।	नमस्कार करता हूँ/करती हूँ।
२. उपविश।	बैठो।
३. उतिष्ठ।	उठो।
४. कोलाहलम् मा कुरु।	शोर मत करो।
५. पंक्तौ तिष्ठ।	पंक्ति में रहों।
६ उत्तरपुस्तिका निस्सार्यत।	कॉपी निकालो।
७. पाठम् पठ।	पाठ पढ़ो।
८. पाठम् लिख।	पाठ लिखो।
९. किम् लिखितुम् इच्छसि?	क्या लिखना चाहते हो?
१०.लिखितम्	लिख लिया।
११. किम् इष्यते?	क्या चाहिए?
१२. जलं पातुम् इच्छामि।	पानी पीना चाहता हूँ/चाहती हूँ।

READING LIST

S.NO	TITLE	AUTHOR	PULICATION	LANGUAGE	PRICE (IN RS)
1	BRINGING UP CHINU	KALPANA GUPTA	NBT	ENG	30
2	HANUMAN'S ADVENTURES IN THE NETHER WORLD	MADHAVI S. MAHADEVAN	KATHA	ENG	175
3	TOO MUCH TROUBLE	RUSKIN BOND	RUPA	ENG	95
4	पारो की कहानी	सुघा मेहदी	KATHA	HINDI	50
5	स्पर्श	जयवंत दलवी	KATHA	HINDI	50
6	दो हाथ	इस्मत चुगताई	KATHA	HINDI	50

Add-ons

1. GRANDMA'S BAG OF STORIES…BY   .SUDHA MURTHY……..PUFFIN
2. Enid Blyton's Noddy Classic Collection…………… by Euro Books
3. Enid Blyton's Popular Rewards…………….by Award Publications
4. Enid Blyton's Famous Five Series……………Hodder Children's Books
5. Enid Blyton's Secret Seven Series…………. Hodder Headline Limited

6..Puffin Modern Classics Series…………Puffin publication
      Robinson Crusoe……………………Daniel Defoe
       The Three Musketeers………………Alexandre Dumas
        Uncle Tom's Cabin……………………Harriet Beecher Stowe
        Alice's Adventures in Wonderland…………Lewis Carroll
        The Mill on the Floss……………………………George Eliot
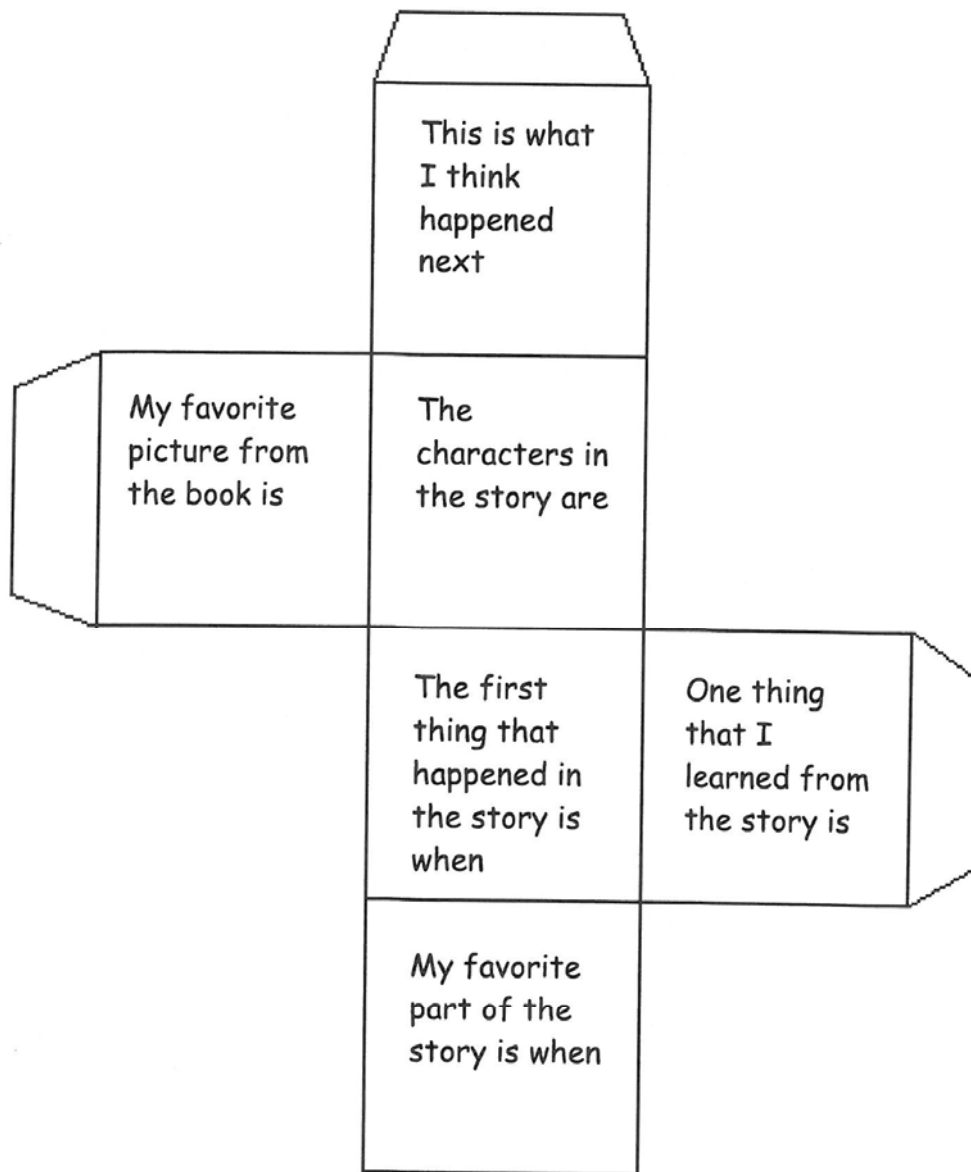
<u>**To be added**</u>

<u>**Autobiography of Eminent Personalities :**</u>
Subhas Bose- The Great Freedom Fighter, Author Anu Kumar, Publisher- Penguin
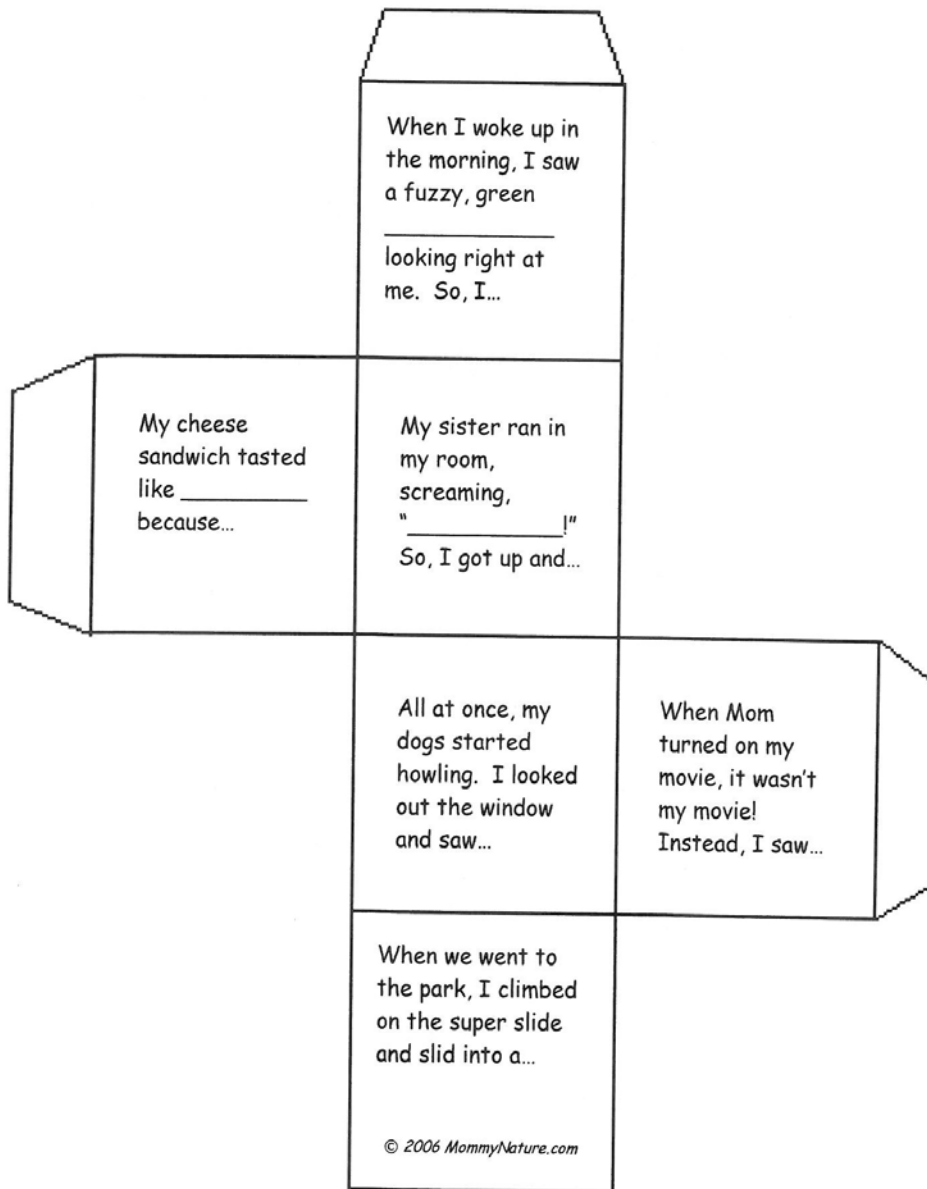**Rani Lakshmi Bai: The valiant queen of Jhansi, Author-Deepa Agarwal, Publisher- Penguin**
Swami Vivekananda: On Himself, Publisher – Adviata Ashrama, 2nd Edition.

Story Cube – Story Comprehension

This is what I think happened next

My favorite picture from the book is

The characters in the story are

The first thing that happened in the story is when

One thing that I learned from the story is

My favorite part of the story is when

Design, cut out, laminate for durability, fold along lines, glue tabs inside box, tape for extra strength.
Find more educational templates and fun activities at MommyNature.com!

Story Starter Prompt Cube

When I woke up in the morning, I saw a fuzzy, green

_____

looking right at me. So, I...

My cheese sandwich tasted like _____ because...

My sister ran in my room, screaming,

"_____!"

So, I got up and...

All at once, my dogs started howling. I looked out the window and saw...

When Mom turned on my movie, it wasn't my movie! Instead, I saw...

When we went to the park, I climbed on the super slide and slid into a...

Design, cut out, laminate for durability, fold along lines, glue tabs inside box, tape for extra strength.
Find more educational templates and fun activities at MommyNature.com!

Passages

Read carefully the given passages. If you are not able to understand some words in any of the passage, find their meaning from the dictionary. Try to use the new words that you have learned in your day-to-day conversations.

PASSAGE 1
THE EAGLE AND THE FOX

One morning the fox said to his children, "I will find some eggs for breakfast." Then he went to the woods. The fox saw an eagle's nest in the top branch of a tree. "How can I reach those eggs?" thought he. "Ha, ha! Now I have a plan." He put some grass stalks into his ears and knocked on the tree with them. "Throw an egg to me," cried the fox. "If you do not throw an egg to me, I will knock this great tree over with these grass stalks." The eagle was terribly frightened, and she threw an egg down to the fox. "Throw another egg down to me at once," demanded the fox, when he saw that he had frightened the eagle. "One egg is enough," said the eagle. "I shall not throw down any more eggs." "Throw another egg to me, or I shall knock the tree over with these grass stalks, and take all your eggs," said the fox.

The eagle was still more frightened, and she threw down another egg. Then the fox laughed and said, "How could I knock down a great tree with these small grass stalks?" The eagle became very angry. She flew down from her nest and grasped the fox with her talons. Then she lifted the fox up and flew with him far out to sea.

 She dropped on a lonely island. The fox was left on the lonely island. One day he said to him, "Am I going to die on this island?" Then the fox began to sing softly. Seals, walruses, porpoises, and whales swam near the island. "What are you singing about?" asked the sea people. "This is what I am singing about," said the fox. "Are there more large animals in the waters of the sea, or on dry land?"

"Certainly there are more animals in the waters of the sea than on dry land," replied the sea people. "Well, then, prove it to me!" said the fox. "Come up to the surface of the water and form a raft that will reach from this island to the mainland. Then I can walk over all of you, and I shall be able to count you." So the large sea people-- seals, walruses, porpoises, and whales--came up to the surface of the water.

The sea people formed a great raft that reached from the island across to the mainland. This was what the fox wanted. He ran over the great raft, pretending to count the animals. When at last the fox reached the mainland, he jumped ashore and hastened home.

PASSAGE 2
THE STORMY DAY

Lightening chases, thunder booms and the earth shakes with the power of storm. This storm is holding us captive in the lobby of grocery shop. Looking out from the huge glass window, we see an angry sky. It is daring us to come outside and make a mad dash for our car.

Oh! Another brilliant flash lightening illuminates the sky. We prisoners of the storm gasp together and change our mind about risking the run. Babies cry and toddlers whimper. Even I, a brave fourth grade move closer to my mother. My mother is getting restless to get home. Her ice-cream is melting. The crowd at the front of store is getting bigger.

Suddenly, a young man darts into the weather. We all watch as he gets battered by the rain and struggle to make it into his car. And then we all watch as he drives away, freed from the stuffy store that we are trapped in.

> I know my mother is about to make a courageous run. She put my brother's hand in mine and asked us not to move. Me and my brother watched in amazement as she ran into the rain. She ran like an Olympic athlete and reached the car in no time at all. Grocery bags in hands, me and my brother also made our

dangerous trip. We had beaten the storm. Our mother saved the day.

PASSAGE 3
THE NEW YEAR RESOLUTION

'How to Read a Thousand Words in a Minute'. Perhaps it will solve my problem, but I just have not had time to read. The New year is the time for resolution. Mentally, at least most of us could compile formidable lists of 'do's and 'don'ts'.

Most of us fail in our efforts at self improvement because our schemes are too ambitious and we never have time to carry them out.

I limited myself to two modest ambitions, to do physical exercise every morning and to read more in the evening. An overnight party on New Year's Eve provided me with a good excuse for not carrying out either of these new resolution on the first day of the year, but on the second, I applied myself assiduously to the task.

The daily exercise lasted only eleven minutes and I proposed to do them early in the morning before anyone had got up. The self discipline required to drag myself out of bed eleven minutes earlier than usual was considerable. Nevertheless, I managed to creep down into the living room for two days before anyone found me out.

After jumping about in the carpet and twisted the human frame into uncomfortable positions. I sat down at the breakfast table in an exhausted condition. It was this that betrayed me. The next morning the whole family trooped into watch the performance. That was really unsettling but I fended off the taunts and jibes of the family good humouredly and soon everybody got used to the idea. However, my enthusiasm waned, the time I spent at exercises gradually diminished. Little by little the eleven minutes fell to zero.

By January10th I was back to where I had started from. I argued that if I spent less time exhausting myself at exercises in the morning. I would keep my mind fresh for reading when I got home from work.

Resisting the hypnotizing effect of television, I sat in my room for a few evenings with my eyes glued to a book. One night, however, feeling cold and lonely, I went downstairs and sat in front of the television pretending to read. That proved to be my undoing, for I soon got back to the old bad habit of dozing off in front of the screen. I still haven't given up my resolution to do more reading. In fact, I have just bought a book entitled it.

- निम्नलिखित अपठित गद्यांशों को ध्यानपूर्वक पढ़कर, उसका अर्थग्रहण करें और इनमें आए कठिन शब्दों का अर्थ शब्द-कोश में देखकर समझें। इन शब्दों का अपनी रोज़ की बातचीत में इस्तेमाल करें।
इससे आपकी भाषा प्रभावशाली बनेगी और शब्द - भंडार में भी वृद्धि होगी।

➢ एक राजा के तीन पुत्र थे।राजा इस बात से चिंतित थे कि उसके बाद उसकी राजगद्दी कौन सँभालेगा ? एक दिन राजा ने अपने मंत्री को अपनी समस्या बताई। मंत्री के सुझाव पर राजा ने कच्चे घड़े मँगवाए और राजकुमारों को उनमें ओस भरकर लाने को कहा। उनमें से दो राजकुमार अपना-अपना घड़ा लेकर चल दिए। वे एक मैदान में पहुँचे और ओस के कण इकट्ठा करके घड़ो में डालने लगे। लेकिन जैसे ही वे ओस के पानी को उनमें डालते , घड़ो की कच्ची मिट्टी उसे सोख लेती। लाख प्रयत्न करने पर भी वे ओस के पानी को घड़ो को ओस से नहीं भर पाए। सबसे छोटा राजकुमार कुशाग्रबुद्धि वाला था। वह घड़े को लेकर पास की नदी पर गया और उसने घड़े को अच्छी तरह पानी में भिगो दिया। मिट्टी को जितना पानी सोखना था, उसने सोख लिया।इसके बाद वह घास के मैदान में गया। उसने एक कपड़े को ओस में भिगोया और घड़े में निचोड़ा। इस तरह शाम तक उस घड़ा भर गया।

➢ हेलन केलर जैसी महिला जब अपने अथक परिश्रम और लगन से संसार को ज्योतिर्मय बना सकती हैं तो कोई अन्य व्यक्ति क्यों नहीं? इस दृष्टि से सुधा चंद्रन इसका अद्वितीय उदाहरण है। अभिनय और नृत्य के क्षेत्र में सबके लिए एक प्रेरणा स्रोत बनने वाली इस महिला का व्यक्तित्व अद्भुत है। सुधा का जन्म सन १९६४ में हुआ था। उसकी माँ श्रीमती थंगम और पिता के डी चंद्रन कला-प्रेमी थे। माता-पिता के संस्कार सुधा में भी आए। तीन वर्ष की आयु में ही उसने नृत्य सीखना आरंभ कर दिया था। जब आठ वर्ष की हुई तो पहली बार रंगमंच पर अपनी नृत्य-कला का प्रदर्शन कर 'प्रथम- पुरस्कार ' प्राप्त किया। परंतु एक बार किसी दुर्घटना में उसका दायाँ पाँव बुरी तरह जख्मी हो गया।आखिरकार उसका पैर काटना पड़ा। इस दुर्घटना के कारण सुधा का आत्मविश्वास जाता रहा। वह हर पल निराशा के अंधकार में डूबी रहती। उसे बैसाखियों के सहारे चलना पड़ता। एक दिन सुधा ने एक पत्रिका में जयपुर के डॉ सेठी ने उन दिनों नकली पाँव बनाने आरंभ किए थे। जब सुधा डॉ सेठी से मिली, तो उन्होंने उसे

नकली पाँव लगाने का काम एक चुनौती के रुप में स्वीकार किया। नकली पाँव लगने पर सुधा को जैसे एक नया जीवन मिल गया। वह एक नए आत्मविश्वास के साथ मुंबई लौटी और फिर से नृत्य का अभ्यास करने लगी। जब वह नृत्य-प्रदर्शन करने मंच पर आई, तो यह बिल्कुल भूल गई कि उसका एक पाँव नकली है। सुधा के मनमोहक नृत्य ने दर्शकों को भावविभोर कर दिया और सारा हॉल तालियों की गड़गड़ाहट से गूँज उठा ।

➤ परिश्रम एक ऐसी साधना है,जिसके द्वारा मनुष्य महान से महान कार्य कर सकता है।सफलता का पहला सिद्धांत है–काम, अनवरत काम अर्थात् निरन्तर परिश्रम। सफलता का रहस्य केवल अथक परिश्रम ही है। 'करत-करत अभ्यास के जड़मति होत सुजान' यह सूक्ति परिश्रम से सफलता पाने का दस्तावेज है। विद्यार्थी परिश्रम करता है, वह परीक्षा में सफल होता है। व्यापारी दिन- रात पुरुषार्थ करता है तो धनी और मशहूर हो जाता है। कारीगर जब परिश्रम करता तो सफलता उद्योग के चरण चूमती है। महापुरुषों ने प्रेरणा दी है कि जीवन में श्रम को अपनाओं ,परिश्रम की पूजा करो क्योंकि यह मनुष्यों के सिर पर सफलता का ताज पहनाती है।

MATHEMATICS PRATICE SUMS P4 (SUMMER VACATIONS)

NAME - _____   **DISCUSSED ON** - _____

Q.1) Write in figures:-
   a) Seventeen thousand eight hundred and ninety nine - _____

   b) Twenty one thousand and five - _____

   c) Forty thousand three hundred and sixty two - _____

Q.2) Write the expanded form in each of the following:-
   a) 61,986 –
   _____

   b) 42,086 –
   _____

   c) 20,880 –
   _____

Q.3) Write the place value 4 in each of the following number:-
   a) 3840 – _____
   b) 35,400 – _____

c) 14,275 – _____

Q.4) Put the correct sign >, < or =
  a) 29834 _____ 29824
  b) 31670 _____ 31760
  c) 40089 _____ 40809

Q.5) Rearrange the following numbers in ascending order:-
  a) 84137 , 84317 , 84713

  _____

  b) 3498 , 3489 , 3849

  _____

  c) 58910 , 59801 , 50819

  _____

Q.6) Rearrange the following numbers in descending order: -
  a) 10032 , 10302 , 10203

  _____

  b) 6758 , 6857 , 6587

  _____

  c) 40001 ,40101 , 41010

  _____

Q.7) Ring the greatest number in each of the following:-
  a) 23413 ,   23431 ,   23134
  b) 34133 , 34311 ,   34131
  c) 3456 ,   4356 ,   5436

Q.8) Complete the following patterns:-
  ➤ 23012, 23014, 23016, _____, _____, _____

  ➤ 40109, 40107, 40105, _____, _____, _____

  ➤ 20118, 20120, 20122, _____, _____, _____

➢
_____ + 4 = 11

_____ + 40 = 110

_____ + 400 = 1,100

_____ + 4,000 = 11,000

➢
_____ + 7 = 9

_____ + 70 = 90

_____ + 700 = 900

_____ + 7,000 = 9,000

➢ _____ + 5 = 8

_____ + 50 = 80

_____ + 500 = 800

_____ + 5,000 = 8,000

Q.9) Show the different ways to make Rs 100. Use more of the higher value notes.

Rs 50	Rs 20	Rs 10	Rs 5	
				Use Rs 5 and Rs 10
				Use Rs 5 and Rs 20
				Use Rs 20 , Rs 50 and Rs 10
				Use Rs 50 , Rs 10 and Rs 5
	4	1	2	Use Rs 20 , Rs 10 and Rs 5

Q.10) Write the number names:-
a) 25,467 -

_____

b) 54,796 -

_____

c) 65,843 -

_____

Q.11) Round off the following numbers according to the given instructions:-
a) 128 (nearest 10) - _____
b) 8,449 (nearest 100) - _____
c) 17,050 (nearest 1000) - _____

Q.12) MATCH THE FOLLOWING.

Seven lakh twenty-five thousand eight hundred nine	1,09,603
Three lakh fifteen thousand nine	1,90,603
One lakh nine thousand six hundred three	7,25,809
Seven lakh five thousand one hundred eighteen	3,15,009
Three lakh fifteen thousand nine hundred	7,05,118
One lakh ninety thousand six hundred three	3,15,900

Q.13) Build the numbers that have

   a) 3 tens
   5 hundreds
   7 thousands
   1 ten thousands
   8 ones 3 lakhs

   _____

   b) 6 thousands
   0 tens
   5 ten thousands

7 ones

2 hundreds

_____

Q.14) Tick the correct option.
a) In 5764, the digit 5 is in the _____ place.
i) tens   ii) hundreds   iii) thousands   iv) ten thousands

b) In 61238, 2 stands for _____.
i) 2 ones   ii) 2 tens   iii) 2 hundreds   iv) 2 thousands

c) In which of the following numbers, the digit 7 is in the tens place?
i) 7261   iii) 8716   iii) 8167   iv) 8176

d) 70,012 is written as _____.
i) seven thousand twelve   ii) seventy thousand ten two   iii)
seventy thousand twelve   iv) none of these

e) The successor of 303019 is _____.
i) 303020   ii) 303030   iii) 303018   iv) 30311

f) The predecessor of the smallest 6 digit number is
_____.
i) 999999   ii) 10001   iii) 100001   iv) 99999

g) The predecessor of the largest 6 digit number using the digits
1,2,3,4,5 and 0 is _____.
i) 543210   ii)54329   iii) 543209   iv) 543211

h) The difference between the place value and the face value of 7 in
57903 is _____.
i) 0   ii) 7896   iii) 6993   iv) 903

i) The sum of the place values of both the 7's in the numeral 74873
is _____.

i) 70070   ii) 70700   iii) 77000   iv) 70007

j) The number that has 6 thousands, 0 tens, 5 ten thousands, 7 ones and 2 hundreds is _____.
i) 60572   ii) 50672   iii) 56207   iv) 56720

k) The smallest 5 digit number with 0 at hundred's place and all digits different is _____.
i) 12043   ii) 14203   iii) 13024   iv) 12034

l) 64752 has _____.
i) 4 hundreds   ii) 4 ones   iii) 2 tens   iv) 400 tens

m) The greatest 6 digit even number, with all digits different is _____
i) 986754   ii) 987654   iii) 987645   iv) 978654

n) To form the greatest possible number by rearranging the digits 9, 7, 5, 2, we have to arrange them in _____.
i) any order   ii) an increasing order   iii) a decreasing order
iv) none of these

o) In 672586, 672 tells how many _____ there are in it?
i) tens   ii) hundreds   iii) thousands   iv) lakhs

p) Anshita's mother lets her have ice cream every third day. If Anshita had ice cream on Wednesday and Saturday. What are the next two days that she will be allowed to have ice cream?
   i) Tuesday and Friday   ii) Wednesday and Saturday
   iii) Tuesday and Sunday   iv) Wednesday and Friday

q) If you write down all the numbers from 1 to 100, then how many times do you write 3?
        i) 11   ii) 20   iii) 18   iv) 21

Q.15) Problem sums

A) Sarita's shop supplies curtains to hotels. She buys 6915 meters of blue cloth, 4309 meters of red cloth, 7987 meters of white cloth and 6849 meters of green cloth for a special order that her shop has received. If she uses only the red, blue and white cloth, how much material does she use?

B) What number should be added to 23,891 so that the sum got is 47,938?

C) The school ordered 37 sweet boxes for Children's Day. One box had 20 sweets in it. How many sweets were ordered?

D) A wholesaler buys 65 crates of mangoes at Rs 285 per crate. How much money does he pay? He sells them at Rs 320 per crate. How much money does he receive?

E) Shankar, the private detective, has many disguises. He owns 2 wigs, 5 pairs of spectacles and 3 false moustaches. How many different disguises can he make for himself? (you can draw pictures to make this problem easier to solve and interesting)

F) You have a packet of sugar that weighs 500 g. How many such packets would you need to make

1kg _____   2Kg _____   5Kg _____

G) Aarti had a slab of chocolate which is divided into 4 pieces. She ate one piece in the morning which means she ate 1/?

of the chocolate in the morning. She ate two pieces in the evening which means she ate ?/4 of the chocolate in the evening. What fraction of the whole chocolate did she eat altogether?

H) Michael joined a 3-week computer course that got over on April 5.When did it begin?

I) Shruti had 526 stamps in her collection. If each page in her album can hold 25 stamps how many full pages has she used? How many stamps are left with her?

J) A plane left Mumbai airport at 1345 hours and landed at Ahmedabad Airport at 1435 hours. How long was the journey?

Q.16)   **Logical thinking based sums**

1) Sam, Carla and Sarah spent one afternoon collecting sea shells. Sam collected 11. If we add the number of sea shells collected by Sam and Carla, the total would be 24. If we add the number of sea shells collected by Carla and Sarah, the total would be 25 shells. How many shells did each one collect?

2) Mr. Joshua runs 6 kilometers everyday from Monday to Friday. He also runs 12 kilometers a day on Saturday and Sunday. How many kilometers does Joshua run in a week?

3) Tom and Bob are brothers and they each had the same amount of money, which they put together to buy a toy. The cost of the toy was Rs 22 If the cashier gave them a change of Rs 6, how much money did each have?

4) John has 5 boxes of sweets. One group of boxes has 5 sweets in each box. The second group of boxes has 4 sweets in each box. John has a total of 22 sweets. How many boxes of each type John has? (Hint: use a table)

5) There is a total of 16 chickens and rabbits in a farm. The total number of legs (chickens and rabbits) is equal to 50. How many chickens and how many rabbits are there? (Hint: use a table)

6) There are 4 more chickens than rabbits in a farm. The total number of legs (chickens and rabbits) is equal to 44. How many chickens and how many rabbits are there?(Hint: use a table)

7) Mrs. Ortiz made a batch of cookies for Carlos, Maria, Tina, and Joe. The children shared the cookies equally and finished them all right away. Then Mrs. Ortiz made another batch of cookies, twice as big as

the first. When she took the cookies off the cookie sheet, 6 of them crumbled, so she didn't serve them to the children. She gave the children the rest of the cookies. Just then, Mr. Ortiz came home and ate 2 cookies from the children's tray. Each of the children ate 3 more cookies along with a glass of milk. They were stuffed, so they decided to leave the last 4 cookies on the tray.

How many cookies were in the first batch?

How many cookies did each of the children eat in the second batch?

8) What digit is the most frequent between the numbers 1 and 1,000 (inclusive)?

To solve this riddle you don't want to manually do all of the math but rather try to figure out a pattern.

9) Crossing the River

A farmer is trying to cross a river. He is taking with him a rabbit, carrots and a fox, and he has a small raft. He can only bring 1 item a

time across the river because his raft can only fit the rabbit, the carrots or the fox. How does he cross the river? (You can assume that the fox does not eat the rabbit if the man is present, you can also assume that the fox and the rabbit are not trying to escape and run away)

10)   Two Fathers and Two Sons Riddle

Two fathers and two sons sat down to eat eggs for breakfast. They ate exactly three eggs, each person had an egg. The riddle is for you to explain how?

11) Cross the phrases which do not mean ten thousand.
1. 999+1
2. 9000+1000
3. Two times ten hundreds
4. Number before 1000
5. Number before 10001
6. 600+4000
7. 20,000-1000
8. Hundred more than 999

12)   Magic Patterns

May

| M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

In the given calendar, there are magic patterns. For example if we move from 7 to 14, we have to add 7 and same for moving from 14 to 21, whereas for moving from 8 to 16 we have to add 8. Can you find two more such magical patterns?

13)   Each shape given below represents a place value. Look at the shapes carefully. See what each shape represents.

Ten thousands   Thousands   Hundreds   Tens   Ones
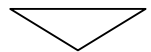
Now, count the shapes of each type. Write the digits in correct place to find out the correct number.
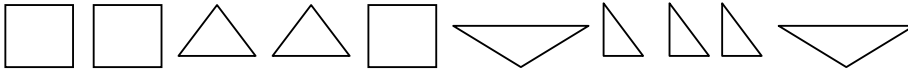
Using the shapes make a number by your own and represent it in numerals.

14) Geeta, Amrita and Sangeeta are three friends. In a relief camp, Geeta donated Rs 1250.Amrita donated Rs 1250 more than Geeta. Sangeeta donated Rs 500 less than what Amrita donated. How much money in all did the three friends donate?

15) We know that,

P is the sister of Q;
R is the brother of S;
Q is the mother of R and
T is the father of S
How is P related to S?

(a) Cousin
(b) Maternal Aunt
(c) Niece
(d) Cannot be decided

16) Inventions and inventors

1. Thomas Alva Edison was born in 1847.He invented the electric bulb. How old was he then?

2. If this is year 2014 , how many years ago did the Wright Brothers build the first aeroplane?

3. The ballpoint pen was invented 54 years after the fountain pen.When was that?

4. The bicycle was invented 49 years before the petrol car.When was the bicycle invented?

5. If this is the year 2014 ,how many years ago was the refrigerator invented?

6. Alexender Graham Bell invented the telephone in 1876.How many years ago was that,if this is the year 2014?

Each picture below also shows the year in which the item was invented.

1876
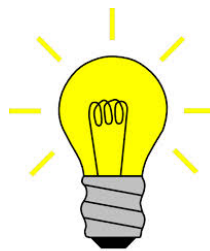
1879

1884

1888

1903

1850

EDITORIAL BOARD

Curriculum Inputs – Mrs. Himani Prakash

                              Mrs. Radhika Jawa

                              Ms. Shivani Parashar

                              Mrs. Devja Chhabra

Grandparent's Forum – Mrs. Devja Chhabra

Language co-ordinator - Mrs. Anupama Chand

Dialogue co-ordinator - Mrs. Devja Chhabra

Primary Coordinator - Mrs. Anupama Chand