

# FOR THE PARENTS

Summer Vacations are here. A few vital suggestions are listed below to make the vacations more exciting and fruitful than ever before:

- ★ Keep at least half an hour a day for sharing experiences with your child.
- \* Encourage your child to speak in English. Fix one hour in a day when you communicate with your child only in English.
- \* Tell your child different stories regularly and encourage him to describe what he/she would do in a similar situation. Here are few suggested titles which you can read with your child.
- a. Hare and the Tortoise
- **b.** Emperor's New Clothes
- c. Thumbelina
- **★** Let your child colour, draw, paint, play with water and sand etc.
- \* Restrict his or her television watching, confining it to interesting children's programs, cartoon films, Discovery channel etc.
- ★ To improve the formation of letters, make your child write a page every day.
- ★ Develop self-help skills: Let your child dress and feed on his/her own.
- ★ Make him understand the importance of cleaning his room and putting away toys and belongings after use.
- ★ Take your child out for picnics and to other places of his/ her interest. Ask him/her to make a note of all the places he/ she visits and the things he/she sees so that he/she is able to discuss his/her experience in class after the vacation.

Have a nice time!

Dr. Manoj Kumar Singh Principal

## **ENGLISH**

#### Task 1

Create an 'Adjective Dictionary' consisting of at least 25 words, all starting with the first letter of your name. For example, if your name is 'Abhishek,' you should create the dictionary using adjectives that begin with 'A.' Use your creativity to make it visually appealing.

#### Task 2

Maintain a diary during your summer holidays and record the events that take place each day. Note down any special events, trips, unexpected happenings, people you meet, etc. Each day's entry should not exceed 50 words. Maintain the diary for at least 15 consecutive days.

## **SOCIAL STUDIES**

During the summer, you will enjoy your vacation at your maternal or paternal grandparents' house. Based on your own experience, create a project file on the topic: "How Living in a Joint Family is Better than a Nuclear Family." You may also attach pictures to make the assignment more attractive.

### **MATHEMATICS**

- Write all the palindromic 3 digit numbers that can be formed using the digits
   1, 5 and 4
- 2. Write the next 4 terms in the sequence 1, 8, 27, 64, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 3. Write the rule for the given sequence 6, 12, 18, ........
- 4. Verify Collatz sequence by choosing different numbers. Give three examples.
- 5. Neena bought a plant that was 4 cm tall. In the first week, it grew 6 cm and the second week it grew 8 cm. Now, how tall will be Neena's plant in the fourth week?

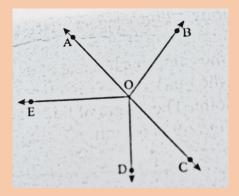
  Does it follow a pattern.

- 6. Find the 7<sup>th</sup> term of the sequence 1, 3, 6, 10, .......
- 7. Classify the following numbers into triangular, square, virahanka number:

8. Observe the pattern and draw the next shape in the sequence:

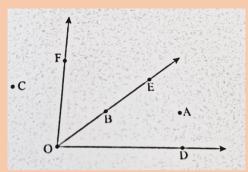


- 9. Draw a complete graph having 5 vertices. How many edges does it have?
- 10. Name a line, all rays, all points and all line segments from the figure given below:



- 11. Name the following as acute, obtuse, right, straight or reflex angles.
- a)82<sup>0</sup>
- b)100°
- $c)90^{0}$
- $d)270^{0}$

- $e)180^{0}$
- f)360°
- $g)310^{0}$
- h)91<sup>0</sup>
- i)89<sup>0</sup>
- 12. Draw two open curves and two closed curves.
- 13. At 6 O' clock in the evening, find the angle formed between the two hands of a clock.
- 14. What direction will you face if you:
  - a) Face east and make one fourth of a revolution clockwise.
  - b) Face south and make three fourths of a revolution anticlockwise.
- 15. Name the points that are in the interior, exterior and on the angle



## **SCIENCE**

- 1. Describe the classification of plants based on their height and type of stem.
- 2. Give examples of Herbs, Shrubs and Trees.
- 3. Collect various types of leaves, differentiate them and paste on A4 size sheet.

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