

## HOLIDAY HOMEWORK (CLASS 8)

### ENGLISH

1. Write an essay on 'Festivals of India'.
2. Write a self-composed poem on Nature.
3. Make a paper lantern as part of the lesson 'A Lantern as Big as A House'.
4. Learn and revise content from your English Grammar book: Synonyms and Antonyms from page number 195 and 'words that often confuse' from page 212 onwards.

### HINDI

1. आपकी किस खेल में रुचि है किसी एक खेल के नियमों को लिखिए एवं उससे संबंधित किसी एक खिलाड़ी का नाम व उपलब्धियों पर विस्तृत प्रकाश डालिए।
2. श्रवण कुमार की कहानी का अध्ययन कीजिए और उससे प्राप्त शिक्षा को अपने शब्दों में लिखिए।

### संस्कृत

1. लता शब्द रूप को सभी विभक्तियों व वचनों में लिखिए।

### MATHS

1. Look at the calendar of the current month and find out which dates are square numbers and which dates are cube numbers.
  - (i) Find the square roots and cube roots of these dates.
  - (ii) Find your birth date is square number or cube number.
2. Form different types of quadrilaterals using match sticks, straw etc and write properties of each type of quadrilateral

### SCIENCE

1. Collect informations and pictures about the following and prepare an album.
  - (a) different agricultural practices
  - (b) seasonal crops.
2. Learn and prepare a list of first 20 elements from the periodic table with symbol and Latin name.

### HISTORY/CIVICS

1. Prepare a beautiful chart, writing the preamble in beautiful handwriting.
2. Explain the basic features of the Indian construction.

### GEOGRAPHY

1. Find out creative way to conserve water through different techniques, gadgets and method
2. Make an attractive pamphlet for saving water.

### COMPUTER

1. Watch this complete video (link given below) and prepare notes of about networking concepts and complete the exercises of Chapter-1 in your notebook. <https://youtu.be/Z-GbyZBWp7M>
2. Search and prepare short and brief notes on following terms (You can also draw your own diagram to explain terms):
  - a. Communication Channel
  - b. VoIP
  - c. Blog
  - d. Modem
  - e. Network Security
3. Sudoku puzzles are excellent tool for building student's critical thinking skills. Instructions about how to solve Sudoku puzzle is provides below. Read and understand the instructions carefully.

9	8	1	3	6	5	2	7	4
7	6	5	4	8	2	3	1	9
2	4	3	1	7	9	8	5	6
1	9	2	6	3	4	7	8	5
4	3	7	5	2	8	9	6	1
8	5	6	9	1	7	4	3	2
3	2	4	7	5	6	1	9	8
5	1	8	2	9	3	6	4	7
6	7	9	8	4	1	5	2	3

Sudoku puzzles require you to find the missing numbers in a 9 by 9 grid, with that grid itself divided into 9 square grids of 3 by 3.

You can't just add any numbers, though. There are rules that making solving the puzzle challenging.

**A number can only occur once in a row, column, or square.**

To solve a Sudoku, look for open spaces where its row, column and square already have enough other numbers filled in to tell you the correct value. The more squares you fill in, the easier the puzzle is to finish!

On the basis of above instructions, solve the following puzzles:

1		7			6	4	5	
	2	5	3	4				8
	6				1	7		
	5	3					2	9
6	1				9	8		
			6		2			7
		1		9	3	2		
		8						
	4			7	8	5	9	1

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		2				7		
		3		1		2	8	
	6		3					
					9		5	
4			2			8		
2		6						1
1	4		8			5		
5			4			3		
		9		2				

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