



# JK PUBLIC SCHOOL, KUNJWANI

(SESSION: 2018-19)



## HOLIDAYS HOME WORK

Class: 8<sup>th</sup>

Subject: English

Your holiday homework this year is a fun mix of all the aspects of the language. It has been designed to ensure that you enjoy and learn at the same time.

1. Read the Novel 'Around the World in 80 Days'.
    - a) Write a short summary of the story (75 words) and name the main characters.
    - b) Choose 10 interesting adjectives and 10 adverbs from the book and find their dictionary meanings.
    - c) Find one synonym and one antonym for all the 20 words.
    - d) Make interesting sentences using any 10 words.
    - e) Present your work creatively.
  
  2. Make a poster on any two of the following topics:
    - a) Donate blood
    - b) Keep the earth green
    - c) Save girl childUse a thick A4 size sheet and be as creative as you can.
  
  3. Make a beautiful bookmark for your Literature reader. Decorate it and write a famous quotation by a well known poet or author.
  4. Revise the syllabus given below:

**Literature:**

    - a) The Woman at Platform No. 8
    - b) Doctor's word
    - c) Drop a Pebble in the Water

**Grammar:**

    - a) Non-finite verbs

**Writing:**

    - a) Informal Letter
- ❖ Work Sheet test of the chapters given for Revision will be conducted after the vacations.



# JK PUBLIC SCHOOL, KUNJWANI

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## HOLIDAYS HOME WORK

Class: 8<sup>th</sup>

Subject: Science

**A. Question No. 1,2,3,4 for Odd Roll No.'s**

1. Make a science news letter showing current news in the field of science and also mention the date and source of news.
2. Make a Power Point Presentation on chapter Metals and Non- metals.
3. Collect pictures, information and write about the '**World Environment Day**' (5 June 2018), theme: Beat Plastic Pollution.
4. Write about the launch of AGNI -5 Missiles by India.

**B. Question No. 5,6,7,8 for Even Roll No.'s**

5. Prepare a collage of famous Indian Scientists along with their contribution in science.
  6. Write about India's Mars Mission.
  7. Prepare a model by using your creativity and imagination on the topic "How we can save our Planet Earth.
  8. Make a Power Point Presentation on chapter Metals and Non- metals.
  9. **Revise the syllabus given below:**  
Chapter 1: Crop production and Management  
Chapter 2: Microorganisms: friend and foe  
Chapter 3: Synthetic Fibers and Plastics  
Chapter 5: Coal and Petroleum
- ❖ Work Sheet test of the chapters given for Revision will be conducted after the vacations.



# JK PUBLIC SCHOOL, KUNJWANI

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## HOLIDAYS HOME WORK

**Class: 8<sup>th</sup>**

**Subject: Social Studies**

**A. Question No. 1&2 for Odd Roll No.'s**

1. Make a model which depicts the air pollution caused in our environment. Also, write the remedial measures we can use to eradicate the same. Write about the topic separately on A4 size sheets.
2. Make a project report about any two historical monuments built by Mughals. Where and by whom was it built? Details of the architecture should be explained as well on A4 size sheets.

**B. Question No. 3&4 for Even Roll No.'s**

3. Collect and organise all the information about your favourite freedom fighter in the form of biography. Also discuss the traits of that person that you would like to adapt in your life (Use A4 Sheets).
4. Paste newspaper articles on a chart showing vegetation and wildlife. Newspaper cuttings can be related to the problems like deforestation, trade of animal parts, steps taken by government for protecting forest and wildlife.

**Revise syllabus:**

**History:**

Chapter-1: Understanding Modern Indian History

Chapter-2: Colonization of India

**Geography:**

Chapter-1: An introduction to resources

Chapter-2: Natural resources- Land, Soil, Water

**Civics:**

Chapter-1: The Constitution of India

Chapter-2: Secularism in India

- Worksheet test of the chapters given for revision will be conducted after the vacations.



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## HOLIDAYS HOME WORK

Class: 8<sup>th</sup>

Subject: Mathematics

### Work Specification:

Section 01: Project that you have to do in loose sheets

Section 02: Worksheet, which is just the recapitulation of whatever has been done so far  
Worksheet you have to solve in a separate notebook

Note: Draw the diagrams wherever necessary

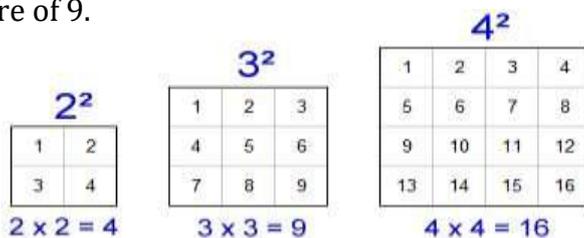
### Section 01: Projects

Make a 3D model of the following figures with proper dimensions and color its faces.

- Roll No. 1 – 10 - Cylinder  
Roll No. 11 – 20 - Sphere  
Roll No. 21 – 30 - Cone  
Roll No. 21 – 28 - Cuboid  
Roll No. 28 & Above - Cube

### Note: Question 1 to 3 - Compulsory for all.

1. Make a comparative study of the scores of any of your favourite team of IPL and represent the data in the form of bar graph.
2. Looking at the tables given below and make the grids for the square of 5, square of 7, square of 8 and square of 9.



3. Show geometric representation of the three Algebraic identities using different colour papers:
  - i)  $(a + b)^2 = a^2 + b^2 + 2ab$
  - ii)  $(a - b)^2 = a^2 + b^2 - 2ab$
  - iii)  $(a + b)(a - b) = a^2 - b^2$

## Section 02: Revision worksheet

1. Learn and write square roots and squares up to 30.
2. Learn and write cubes roots and cubes up to 30.
3. Using prime factorization method, find which of the following numbers are not perfect squares:  
a) 400            b) 768            c) 1296            d) 8000            e) 9025
4. Find the smallest number by which each of the given numbers must be multiplied so that the product is a perfect square:  
a) 512            b) 700            c) 1323            d) 35280
5. Find the smallest number by which each of the given numbers should be divided so that the result is a perfect square:  
a) 180            b) 1575            c) 6912            d) 19200
  
6. Which of the following triplets are Pythagorean?  
a) 10, 24, 26            b) 18, 79, 82            c) 22, 120, 122            d) 14, 48, 50
7. Find the square root of each of the following numbers by long division:  
a) 6724            b) 7921            c) 4556.25            d) 7903.21
8. A society collected rupees 8836, each member contributing as many rupees as there were members. Find the number of members of the society?
9. Find the least number of six digits which is a perfect square?
10. Find:  $\sqrt{100} + \sqrt{25} + \sqrt{144} + \sqrt{169} + \sqrt{225}$
11. Find the square root of each of the following numbers correct to 2 decimal places:  
a) 175.01            b) 5893.27            c) 13.11
12. Find the cube roots of the following numbers by prime factorization method:  
a) 2744            b) -729            c) -3375            d) 4913
13. Find the largest four-digit number which is a perfect square?
14. What should be subtracted from 6249 to get a perfect square number?
15. Represent the following on number line:  
a)  $19/2$             b)  $-16/3$             c) 0.5
16. Find 10 rational numbers between  $\frac{3}{5}$  and  $\frac{5}{12}$  using L.C.M. method.
17. The sum of two rational numbers is  $\frac{13}{5}$ . If one of them is  $\frac{-3}{2}$ , find the other.
18. Sachin got prize money of Rs. 1200. He spent  $\frac{2}{3}$  of the money on buying shoes for himself and gave  $\frac{1}{4}$  of the remaining money for charity. He also spent  $\frac{1}{3}$  of the remaining money to buy a gift for her friend. How much money is left with him?
19. Find two rational numbers between the following using average method:  
a) -2 and -3            b)  $\frac{2}{3}$  and  $\frac{13}{14}$
20. Expand the following numbers using exponential notation:  
a) 23564.196            b) 1983. 21003



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## HOLIDAYS HOME WORK

**Class: 8<sup>th</sup>**

**Subject: Information Technology**

- Q1. Draw a diagram of the network including attached systems and devices on the chart.  
 Q2. Create a table with following structure.

Field Name	Book ID	TITLE	Author	Price
Data Type	Text	Text	Text	Number

In the above mentioned table identify the

- a) Primary Key
- b) Field
- c) Record
- d) Add twenty records in it.

**Project Work:**

- a) Make a Project file on the topic 'Different ways to implement Network Security'
- b) Name the ISP (Internet Service Providing Companies) providing 4G mobile broadcast technology and the maximum download speed?

Q3. Identify and write the type of topology.

1.		<hr style="border: 0.5px solid black;"/>
2.		<hr style="border: 0.5px solid black;"/>
3.		<hr style="border: 0.5px solid black;"/>
4.		<hr style="border: 0.5px solid black;"/>

**Note: All the questions should be done on A4 Sheets**



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## HOLIDAYS HOME WORK

Class: 8<sup>th</sup>

Subject: Hindi

1. चित्र वर्णन करें (व्याकरण पुस्तक पृष्ठ- 164)
2. अपठित गद्यांश (कोई एक व्याकरण पुस्तक पृष्ठ- 240)
3. अपठित पाद्यांश (कोई एक व्याकरण पुस्तक पृष्ठ- 244 (2))
4. अनुच्छेद लेखन  
विषय - समाज के प्रति एक नागरिक के कर्तव्य (छात्र अपने शब्दों में लिखें )
5. छात्र क्रिया कलाप  
विषय कविता रचना  
शीर्षक - सावन ऋतु और हमारी पृथ्वी  
छात्र चित्र सहित अपने शब्दों में कविता रचना करेंगे ।  
सावन ऋतु ( For even Roll Nos.)  
हमारी पृथ्वी (For odd Roll Nos.)  
(छात्र अपना गृह कार्य हिंदी उत्तर पुस्तिका में लिखें )
6. कक्षा में कराये गए कार्य को आत्मसात करें ।  
पाठ -1 मानव का कल्याण  
पाठ -2 दो डॉक्टर  
पाठ -3 चेतना के स्वर  
पाठ -4 अकबरी लौटा  
व्याकरण - विलोम शब्द, पर्यायवाची, अनेक शब्दों के लिए एक शब्द, हिंदी में गिनती, देसी महीनों के नाम आदि ।

## SANSKRIT

- Write two slogans on 'TREES' revise the syllabus done in class.

## URDU

جماعت آٹھویں  
سبق ۵ - ۶  
مضمون - جنگلات