



## CLASS 8

### HOLIDAYS HOMEWORK 2017-18

SUBJECT	HOMEWORK
ENGLISH	<ol style="list-style-type: none"><li>1. Make a poster on “importance of reading”.</li><li>2. Read the supplementary reader “The Room on The Roof”.</li><li>3. Create your own poem on any one of the given themes-<ol style="list-style-type: none"><li>a) Nature</li><li>b) Inspiration</li><li>c) Childhood</li><li>d) Brotherhood</li></ol>(Use at least 2-3 poetic devices in your poem)</li><li>4. Design your own book covers for the given books.<ol style="list-style-type: none"><li>a) Any book from the Harry Potter series.</li><li>b) The Room on the Roof.</li></ol></li></ol>
MATHS	<p>A. SUBJECT ENRICHMENT ACTIVITY</p> <p>“ When the well is dry, we will know the worth of water “..... Benjamin Franklin Water is one of the most important substances on earth. All plants and animals must have water to survive. If there was no water there would be no life on earth. However, today, nearly one billion people don't have access to clean water.</p> <p>Reflected upon the above paragraph, analyse the present situation of water consumption and wastage at your home and surroundings and find the answer of the following questions :</p> <ol style="list-style-type: none"><li>i. How much water (in litres) is consumed in bathing per person if you take a shower or a bucket? Which is more effective in decreasing the wastage of water? Why ? ( You can calculate the quantity of water by measuring it with a one litre empty bottle )</li><li>ii. Find out the water consumed by you ( in litres ) per day. List out all the activities involved in consuming water and the total quantity used by you. Prepare a bar graph depicting quantity of water consumed in different activities and paste it in your activity file.</li><li>iii. Many surveys shows that many unhealthy food items requires a lot of water in its preparation. Search on the internet and find out the water consumed in preparing<ol style="list-style-type: none"><li>a. 1 Soft drink</li><li>b. 1 Pizza</li><li>c. 1 plate Fried chicken</li><li>d. 1 small packet Nachos</li></ol></li></ol>



FOOD ITEM	QUANTITY OF WATER CONSUMED PER UNIT	QUANTITY OF FOOD ITEM CONSUMED BY YOU	TOTAL QUANTITY OF WATER WASTED BY YOU

Calculate the total quantity of water wasted by you (in eating junk food) and its percentage with respect to total quantity of water utilized by you (in daily chores) in a week.

**PRACTICE QUESTIONS** ( Attempt the following questions in A4 size ruled sheets )

**Ques 1** Amit has a problem in reading the board and when he asked his teacher what is the tens digit of the 2-digit number, she has written on board, the teacher replied, the number I have written is such that if you add the number and twice the tens digit to it you get the answer which is equal to the number written with digits reversed and twice of units digit added to it. Amit, could read only the units digit which was 5. Find the tens digit.

**Ques 2** Find a number such that if 8 is subtracted from 9 times a number, the result is 6 more than twice the number.

**Ques 3** The sum of two numbers is 2490. If 6.5% of one number is equal to 8.5% of the other, then find the numbers.

**Ques 4** The length of a rectangle exceeds its breadth by 7cm. If the length is decreased by 4cm and the breadth is increased by 3cm, the area of the new rectangle is the same as the original rectangle. Find the length and breadth of the rectangle.

**Ques 5** Of the three angles of a triangle, the second one is one-third of the first and the third angle is 260 more than the first angle. Find all the three angles of the triangle.

**Ques 6** Solve  $0.3(6 + m) = 0.4(8 - m)$  and verify the solution.

**Ques 7** Simplify by using suitable property

$$\frac{91}{41} - \frac{2}{3} + \frac{4}{3} - \frac{91}{41} + \frac{(-2)}{3} - \frac{91}{41}$$

**Ques 8** A number is 42 more than the average of its half, one-third and one-fifteenth. Find the number.

**Ques 9** The table shows the portion of some common materials that are recycled.

**MATERIAL      RECYCLED**

Paper     $\frac{5}{11}$

Aluminium Cans       $\frac{5}{8}$

Glass     $\frac{2}{5}$

Scrap     $\frac{3}{4}$

a. Is the rational number expressing the amount of paper recycled more than  $\frac{1}{2}$  or less than  $\frac{1}{2}$  ?



	<p>b. Which item have a recycled amount less than <math>\frac{1}{2}</math> ?</p> <p>c. Is the quantity of aluminium cans recycled more (or less) than half of the quantity of aluminium cans ?</p> <p>d. Arrange the rate of recycling the materials from the greatest to smallest.</p> <p>Ques 10 Varun takes some flowers in a basket and visits three temples one by one. At each temple he offers one-half of the flowers from the basket. If he is left with 3 flowers at the end, find the number of flowers he had in the beginning.</p> <p style="text-align: center;"><b><u>BRITISH COUNCIL ISA ACTIVITY</u></b></p> <p>Collect information about the mathematical concept used in the architecture of Taj Mahal, Eden Project, Great Pyramid of Giza, Gherkin and Chichen Itza. Prepare for Quiz on “Monumental Mathmagic” to be held in the month of August.</p>
<p><b>SCIENCE</b></p>	<p>Q1. Conduct a survey in your neighborhood (five families) to identify different type of eye defects (Myopia , Hypermetropia , Cataract or any other) Make a table depicting the name of individual ,age ,type of defect and corrective measure adopted.</p> <p>Q2. Draw well labelled diagram of the following:</p> <ol style="list-style-type: none"> <li>a) Onion peel</li> <li>b) Human cheek cell</li> <li>c) Spherical red blood cell</li> <li>d) Spindle shaped muscle cell</li> <li>e) Long and branched nerve cell</li> <li>f) Unicellular organisms</li> </ol> <p>Q3. Rohit took with him some nylon ropes, when he was going for rock climbing. Can you tell why he selected nylon ropes instead of ropes made of cotton or jute?</p> <p>Q4. A lady went to the market to buy a blanket. The shopkeeper showed her blankets made of acrylic fibres as well as made of wool. She preferred to buy an acrylic blanket. Can you guess why?</p> <p>Q5. You must have learned about the properties of synthetic fibres and plastics. Do, you think plastics are always bad for environment? Justify your answer.</p>
<p><b>SOCIAL SCIENCE</b></p>	<p>(I) Objective :- To develop an awareness and sensitivity about the marginalized groups living in our society. There are many marginalized groups living around us namely- women, children, Scheduled Castes (dalits), elderly and refugees. Each one of them deserve our attention and co-operation to live an inclusive life.</p>



	<p>Make a project report on any one of the marginalized group as mentioned against your roll number under the following headings:-</p> <p>Roll no. 1-10 Women          Roll no. 11-20 Children          Roll no. 21-30 Scheduled Castes (dalits)          Roll no 31- 40 Elderly          Roll no. 41-45 Refugees</p> <ul style="list-style-type: none"> <li>• Who are the marginalized groups?</li> <li>• Causes of marginalization of a particular group.</li> <li>• Steps adopted by government to empower the marginalized group.</li> <li>• How could you help this marginalized group?</li> <li>• Visit any one rehabilitation center where the particular marginalized group may be living. Spend a day with them trying to know about their lives and pen down your experience with them. You may paste a picture or two clicked with them in the project report.</li> </ul> <p>Suggested places to visit :- Old age home, orphanage, any refugee camp, any NGO working among women or dalits.</p>
<p><b>PUNJABI</b></p>	<ul style="list-style-type: none"> <li>• ਜਮਾਤ ਵਿੱਚ ਕੀਤੇ ਗਏ ਕੰਮ ਦੀ ਦੁਹਰਾਈ ਕਰੋ।</li> <li>• ਸਿੱਖ ਇਤਿਹਾਸ ਵਿੱਚੋਂ ਕਿਸੇ ਇੱਕ ਮੰਨੀ-ਪ੍ਰਮਾਣੀ ਸਿੱਖ ਇਸਤਰੀ ਦੀ ਜੀਵਨੀ ਲਿਖ ਕੇ ਚਿਤਰ ਰਿਪਕਾਓ। ( A-3 size sheet.)</li> <li>• ਪ੍ਰਾਰਥਨਾ ਸਭਾ ਵਿੱਚ ਬੋਲੀ ਜਾਣ ਵਾਲੀ ਅਰਦਾਸ ਯਾਦ ਕਰੋ।</li> <li>• ਜਪੁਜੀ ਸਾਹਿਬ ਦੀਆਂ ਪੰਦਰਾਂ(15) ਪਉੜੀਆਂ ਯਾਦ ਕਰੋ।</li> <li>• ਕੋਈ ਸਵੈ-ਰਚਿਤ ਕਹਾਣੀ, ਕਵਿਤਾ ਜਾਂ ਲੇਖ ਲਿਖੋ।</li> </ul>
<p><b>HINDI</b></p>	<p>IN ASSIGNMENT NOTEBOOK:</p> <p>नदियोंकामहत्त्वविषयपर१५०-२००शब्दोंमेंएकअनुच्छेदलिखिए।भारतकीमहत्वपूर्णनदियोंकीएकसुंदरवरंगीनचित्रात्मकप्रस्तुतिकापीमेंबनाएँ !</p> <p>सन्दर्भ: ( Reference )<a href="http://www.wikipedia.com">www.wikipedia.com</a></p>
<p><b>ART</b></p>	<ul style="list-style-type: none"> <li>• Draw a Landscape by using oil pastel or water colour on A4 size cartridge sheet</li> <li>• Draw a “Happy Diwali” cards of size 5” x 7”</li> <li>• Do page No. 15-25 of your Art book in your Art File</li> </ul>



<b>COMPUTER SCIENCE</b>	<ol style="list-style-type: none"><li>1. Search the Internet and find two relevant web sites for each of the following:<ol style="list-style-type: none"><li>a. Online File Sharing</li><li>b. Online Gaming</li><li>c. Internet telephony</li><li>d. Photo Sharing</li></ol>Take a screenshot of the homepage of each website and paste it in a Word File. Save the file and take its printout (Black &amp; white). Paste the printouts in your computer sc. notebook.</li><li>2. Make a movie on the topic “ How to conserve Water” using any movie making software like movie maker, Lightworks, Ulead Video Studio etc.. Collect or shoot movie clips depicting water harvesting systems, water conservation methods, dams etc. Bring the movie in a pendrive in mp4 format.</li></ol>
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