Greenwood Public School
Sector-9, Gurugram

(2017-18)

HOLIDAYS HOMEWORK
CLASS – VIII

➢ Entire holiday homework has to be done on A-4 sheets.

➢ For written homework from Worksheet Booklet, please refer to the school Almanac.The work has to be done in the respective subjects notebooks.

➢ Use your creativity & make a beautifully decorated folder. Bring your H.W. in it after the break.

➢ Cover of your folder can be made using different techniques that you've learnt during Art & Craft classes or any other best-out – of -waste material.

THIS SUMMER LET'S ENHANCE OUR AWARENESS ABOUT THE ELECTIONS IN INDIA!!

Elections in India are considered as the biggest event when all the adult citizens celebrate democracy by casting their vote.

India's lower house of parliament, the Lok Sabha, has 543 elected seats. Any party or coalition needs a minimum of 272 MPs to form a majority government.

Electronic Voting Machines (EVMs) are used at all polling stations. The entire process is strictly monitored by the Election Commission of India.

Being the citizens of India, one should be aware of the most important Fundamental Right – **"Right to Vote"** and the process by which Government of India is elected. Let us perform some of the tasks given below and become aware about the functioning of the biggest democracy of the world.

ENGLISH

1. Design an English magazine on ' Elections' which should have the following requirements:

    i. An attractive cover page
    ii. Select a suitable Name for your magazine
    iii. An article on "Elections".
    iv. A small story.
    v. Jokes
    vi. English Riddles
    vii. Advertisements
    viii. Idioms and Proverbs
    ix. Crosswords / puzzles
    x. Life sketch of eminent politician: Mr. Narendra Modi

2. Read the Novel 'Jane Eyre' written by Charlotte Bronte and complete the following tasks related to it:

   • Write a Book Review of the novel (in about 150 words).

   • Choose 10 interesting Adjectives from the novel, list them out. Now use the dictionary to find their meaning & write them alongside.

- Choose any other 10 words from the novel &find and write the Synonym and Antonym for each word.

- Try to make meaningful sentences using any other 10 words of your choice.

- Who is your favorite character in the novel? Using your imagination, draw a picture of your favorite character & write down the character sketch in about 40-50 words.

HINDI

१. भारत एक धर्म–निरपेक्ष देश हैं, जहाँ हर धर्म को एक समान दृष्टि से देखा जाता है। हमारे देश में समय–समय पर चुनाव होते रहते हैं, जिसमें सभी धर्मों के लोग भाग लेकर अपना मनपसंद नेता चुनते हैं। छात्रों के हृदय में राष्ट्रीय एकता का भाव जागृत करने हेतु '**सर्वधर्म समभाव से उत्तम समाज**' शीर्षक की भावना को आधार बनातेहुए २०० से २५० शब्दों में एक निबंध लिखिए।

२. आपको आपकी पुस्तक में दिए गए पाठ '**लाख की चूड़ियाँ**' का पठन–पाठन कराया जा चुका है। प्रस्तुत पाठ के अंतर्गत लाख से बनाई गई चूड़ियों के बारे में बताया गया है। अतः आप भी इस पाठ को आधार बनाकर इन गर्मियों की छुट्टियों मेंपुरानी लाख या कॉच की चूड़ियों के प्रयोग से किसी उपयोगी वस्तु (जैसे –फोटो फ्रेम, पैंसिल स्टैंड, झूमर आदि) या सज़ावट की अन्य कोई वस्तु बनाइए।
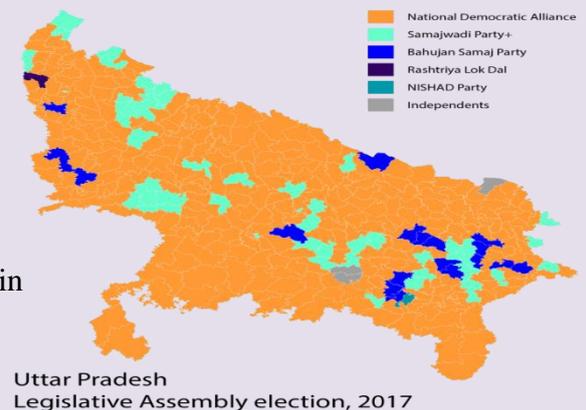
३. आपने बहुत से विज्ञापन देखें होंगे जिनका प्रयोग कोई भी व्यक्ति या कंपनी अपने किसी उत्पाद को बाजार में लोकप्रिय बनाने के लिए करता है। मान लीजिए कि आप ग्रीष्मावकाश में किसी कैंप का आयोजन करने जा रहे हैं। अपने कैंप की लोकप्रियता बढ़ाने हेतु आकर्षक रूप में (३० से ३५ शब्दों में) एक विज्ञापन तैयार कीजिए, ताकि अधिक से अधिक लोग आपके कैंप में भाग लें।

Greenwood Public School
summer Camp

MATHS

1. "Elections are important because the one who wins the election is the person who becomes a part of the government and represents you...". therefore, being a citizen of a democratic country it is our duty and responsibility to choose best suited representative, who works for the betterment of country.
Recently, Assembly Elections were conducted in six different states in our country. Uttar Pradesh was one of them. Based on the same, enhance your knowledge about elections, by finding out answers to the questions given below:

National Democratic Alliance
Samajwadi Party+
Bahujan Samaj Party
Rashtriya Lok Dal
NISHAD Party
Independents

Uttar Pradesh
Legislative Assembly election, 2017

a. Collect the information about the total voter's population in Uttar Pradesh.
b. Represent the result of the Uttar Pradesh Legislative Assembly Elections, 2017 in the form of a table showing total seats, Name of the Party, Symbol of the party, seats won by the different parties.
c. Represent the turnout of the Majority Party, Minority Party and Third Party in the form of Bar Graph and Pie-chart along with names of their leaders.
d. Also compare the last election result of these three parties with present election result through a comparative Bar Graph.
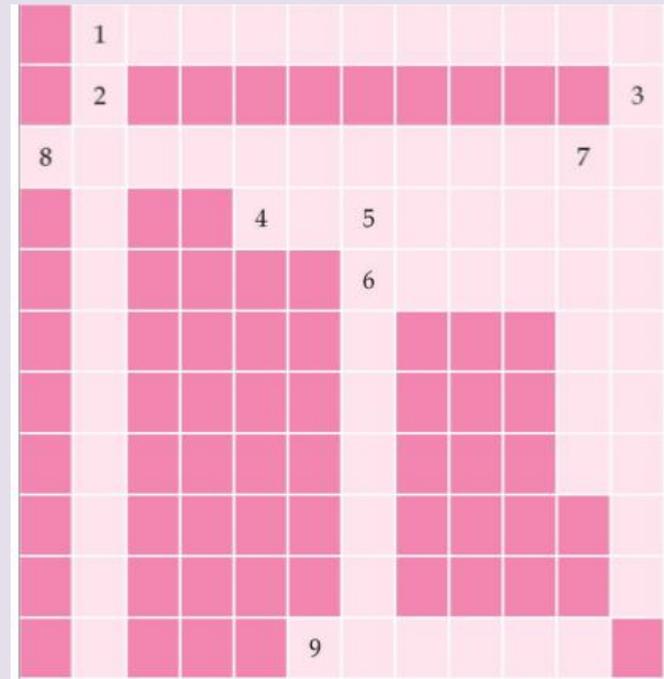
2.

> *PUZZLE TIME!!!!*

I. <u>Think & Solve the Triangle crossword puzzle</u>

Across:

1. A triangle with all sides equal.

4. A triangle with unequal sides.

6. The sides of the right triangle other than hypotenuse.

8. The property which says $h^2 = p^2 + b^2$

9. Distance of a vertex of a triangle to its opposite base.

Down:

2. Side opposite to the right angle of a right triangle.

3. A triangle in which two sides are equal.

5. A line segment drawn perpendicular to one side of a triangle from its opposite

vertex.

7. The line segment joining the midpoint of one side of a triangle to its opposite vertex.

II.

> **WHO AM I ???**

a) I am a special quadrilateral and all my sides are equal. One of my angles is 90^0. I am _____ .

b) I am a special quadrilateral. Two of my sides are parallel. I am _____ .

c) I am a special quadrilateral in which my two adjacent sides are 7cm and the other two adjacent sides are 10cm. I am _____ .

d) I am a special quadrilateral in which all my angles are equal but adjacent sides are not equal. I am _____ .

e) I am a special quadrilateral. The two pair of my opposite angles are equal. My adjacent sides are different in length. I am _____ .

III.   Twenty caravans are travelling across the desert one day apart. The first caravan reached the oasis and the camels drank half of the water in the pool. On the second day, the second caravan reached the oasis and the camels drank one-third of the water that was left. On the third day, the camels in the third caravan drank one quarter of the water that was left. On the first day the pool contained 1050m^3 of water. How much water was left after the 20th caravan passed through.

3. **VEDIC MATH:**
   Welcome to the wonderful world of "Vedic" Mathematics, a science that helps us to calculate faster and easily, making the fear of Math a thing of the past! Let's research on "Vedic" Mathematics and sharpen our brains.

   Vedic Math helps us by providing some shortcut methods or tricks to perform big calculations. One such trick is done for you.
   Squaring of numbers ending with 5.

   Example 1: $65 \times 65 = 4225$

   Step 1: In 65, the number apart from 5 is 6.

   Step 2: Multiply 6 with its next number i.e. 7. So $6 \times 7 = 42$

   Step 3: Now multiply the last digits i.e. $5 \times 5 = 25$

   Step 4: Write 25 to the right of 42

   Step 5: Our answer is 4225.

   → **Based on the example given above find out the squares of ten more numbers of your own choice.**

   → **Find out at least three more tricks using Vedic Math, which will help you to increase the speed and accuracy in your calculations. Now, solve five sums based on each of the three tricks.**

SOCIAL SCIENCE

1. India's President Shri Pranab Mukherjee is due to retire on 25 July 2017. The buzz is already in the air about his possible successor.
   The President of the Republic of India is the Head of State of India and the Commander-in-Chief of the Indian Armed Forces.
   The President is indirectly elected by the people through elected members of both the houses of the Parliament of India, the Legislative Assemblies of all the states of India and the Legislative Assembly of the Union Territory of Puducherry, as well as, the Legislative Assembly of the National Capital Territory of Delhi and serves for a renewable term of five years. The oath of the President is taken in the presence of the Chief Justice of India, and in his/her absence, by the most senior judge of the Supreme Court of India.

   Write a short synopsis on the Presidential Election of 2017 in India. Your report must include the following:
   1. Eligibility criteria to be a candidate for the post of President.
   2. Procedure of electing the President.
   3. Value of one vote.
   4. Tenure of the President.
   5. Responsibilities carried out by the President.

   Government officials are deputed for the smooth conduction of Elections… How do the people on duty cast their vote? Find out … and write a report on the procedure of casting vote in not more than 150 words.

2. The importance of forests cannot be underestimated. We depend on forests for our survival, from the air we breathe to the wood we use. Besides providing habitats for animals and livelihoods for humans, forests also offer watershed protection, prevent soil erosion and mitigate climate change. Yet, despite our dependence on forests, we are still allowing them to disappear.
   Prepare a poster on A3 size sheet depicting the topic-

   Forests and wildlife are very important for our Earth.
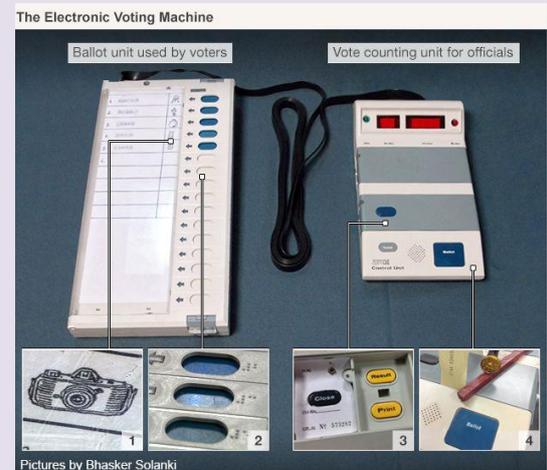

SCIENCE

1. Ballet system was used to cast vote in India. It has been replaced by EVM (Electronic Voting Machine) Let us try to know how it works. Prepare aproject on how is it an advantage in the conduction of elections.
   Your project should include following points-
   a. What is EVM? Who invented it?
   b. How does it function?
   c. Advantages of EVM on Ballet System.
   d. Disadvantages of EVM.

2. Some of the activities ignorantly carried out during Election Campaign causes environmental pollution. Try to find these causes and enlist them. Also, write the impact of these activities on the environment. You can paste pictures to make your report catchy.

3. Do the given task as per your Roll No.
   a. **Roll No. 1 to Roll No. 10**
      Make a poster highlighting the usefulness of micro-organisms by pasting and drawing the pictures.
   b. **Roll No. 11 to Roll No. 20**
      Prepare a model on Neil Bohr's structure of an atom explaining different shells of the atom.
   c. **Roll No. 21 onwards…**
      Make a Power Point Presentation (not more than 8 slides) on force, its types and its effects. You can enhance your presentation by adding animated effects to the activities chosen by you.

COMPUTER SCIENCE

Create a Web Page/advertisement on the topic.

   a) Roll No. 1 to 10   -   Cloud Computing
   b) Roll No. 11 to 20   -   Information Technology
   c) Roll No. 21 onwards   -   Cyber Bullying

Note:

Send the file as an attachment on the email id students@greenwoodgurgaon.com by mentioning in the subject line as Subject, Class and Section, Roll No.
For eg. HHW-Computer –VIII B – R. No. 8

❖ **Submit your Holiday Homework to the respective Subject Teachers not later than 4ᵗʰ July 2017.**

❖ **Late submission of work will not be accepted.**