Homework is important because it is the intersection between home and school. It serves as a window through which a child's educational growth can be observed. This summer again brings to you a handful of playful activities in the form of holiday homework. The constructive method of holiday homework not only enables the child to be self - reliant in task completion but it also helps the child to learn new skills and facts beyond classroom boundaries.

ENGLISH

Your holiday homework this year is a mix of all the aspects of the language.It has been designed to ensure that you enjoy and learn at the same time. Make a folder using A4 size coloured sheets and present it beautifully.
Note: Practise your grammar skills throughout the holidays. Use some of the following websites:

- www.bbc.co.uk/bitesize/ks2/english
- www.learnenglish.britishcouncil.org/en/english-grammar/
- www.englisch-hilen.de/en/exercises list/alle grammar.htm

Revise all the chapters taught in the class.
1. Read the famous book 'Little Woman' by Louisa M. Alcott.
   - Write a short summary of the story (75 words) and name the main characters.
   - Choose 10 interesting adjectives from the book and write their dictionary meanings.
   - Find one synonym and one antonym for all the 10 words.
   - Make interesting sentences using the 10 words.
2. Design a Bookmark. Decorate it and write an inspirational quotation by a well-known poet or author. Laminate and present it beautifully.
3. Write the review of any one English movie that you have seen and enjoyed. Do your work on sheets. Your work should be neat and clean. You can add pictures, photographs or drawings related to the movie for the fabulous presentation of your task. Each review should carry the following details about the film-
a) Its title
b) The name of the Director
c) The name of the writers of the story and dialogues
d) Genre- what kind of film it is. (Whether it is a cartoon film, an adventurous story, a tragedy or a historical sketch.)

e) The best thing about the film and the thing that you did not like.(In 1st person)
f) Recommendation- why people should see it.
   [Refer to Saturday/ Sunday edition/ HT or any National Daily Newspaper]

Q4. Write a funny skit about a virus and a bacterium debating which one is better.

HINDI

1. ऐतिहासिकइमारतों की सुरक्षा की आवश्यकतापरदोमित्रों के बीचसंवाद 60 से 70 शब्दोंमेंलिखिए।

2. अपनेमित्र कोमंगलग्रह की जानकारीदेतेहुए अनौपचारिकपत्र लिखिए।

3. हिन्दीफिल्म– 'इकबालदेखें' और उस फिल्म से प्राप्तसंदेशकोअपने शब्दोंमें लिखिए।

4. दिए गए विषयोंमें से किसी एक विषय परविज्ञापन ए 4 शीटपरबनाइए।

   (स्वच्छ भारत, दहेजप्रथा, नारीशिक्षा, साक्षरता)

MATHS

THEME :- OUR HOUSE

Measure the length, breadth and height of any two rooms in meter.

(i)   Convert the length, breadth and height of each room in cm.
(ii)   Find area of each wall of each room in square meter.
(iii)   Convert area of each in square cm.
(iv)   Find area of floor and ceiling of each room in square meter.
(v)   Convert area of the floor and ceiling of each room in square cm.
(vi)   Measure the length and breadth of each door in meter.
(vii)   Calculate area of each door in square meter.
(viii) Measure the length and breadth of each window in meter, draw the figure also.
(ix)   Calculate area of each window in square meter.
(x)   Subtract the area of door and window from the wall.

Solve the following questions:-

1. Two number are in the ratio 7:5. If they differ by 16, what are the numbers?
2. The denominator of a rational number is greater than its numerator by 10, if numerator is increased by 19 and denominator is decreased by 1, the number obtained is 3/2. Find the rational number.
3. The sum of three consecutive multiples of 5 is 330. Find numbers.
4. Three consecutive integers are such that when they are taken in increasing order and multiply by 3, 4 and 5 respectively, they add up to 386. Find these numbers.
5. One of the two digits of a two digit number is twice the other digit. If you interchange the digits of their two digit number and add the resulting number to the original number you get 66. What is original number?

6. The perimeter of a rectangular swimming pool is 188 meter. Its length is 4 meter more than twice its breadth. What are the length and breadth of pool?
7. The ages of Anjali and Malti are in the ratio 3:4. 8 years later the sum of their ages will be 44 years. What are the present ages.
8. The ages of Astha and Nirmal are in the ratio 5:6. Five years from now their ages will be 6:7. Find their present ages.
9. Vikas's mother is 22 year younger than Vikas's grandmother and 27 year older than vikas's the sum of their ages is 121 years. Find their present ages.
10. One angle of a triangle is equal to the sum of the other two angles. If the ratio of other two angles are 7:8. Find the angles of the triangle.
11. The length of a parallelogram exceeds its breadth by 30 cm. If the perimeter of the parallelogram is 2m 60 cm. Find length and breadth of parallelogram.
12. Two sides of a parallelogram are in the ratio 3:4. If its perimeter is 42 cm. Find length of its sides.
13. Two adjacent angles of a parallelogram are in the ratio 5:7. Find the measures of all the angles.
14. The length of a rectangular is 12 cm and each of its diagonal is 15 cm. Find breadth.
15. ABCD is a rhombus where diagonals intersects at O. If AB = 10 cm, diagonal BD =16 cm. Find length of AC.

REVISE ALL CHAPTERS COMPLETED IN CLASS.

SCIENCE

Holiday homework is to be done in a project file.

Q1. Search the hybrid crops of wheat, rice, maize, and cotton on internet & give the details.
(**http://www.historyworld.net/Wrldhis/Plain** **Text Histories**).
Q2. You are sent out as part of a new team to cover the story of an outbreak of a disease caused by a bacterium. Choose a bacterium appropriate to the location where the outbreak originated. Your research should include:
 Research the disease- its causes, symptoms and treatment.
   Research the location of the outbreak.
   Develop a hypothesis of why the outbreak has occurred.
   Suggest preventive ways for the same.
Q3. Construct a simplified version of a stringed instrument using a match box and a rubber band. Study the sound produced by rubber bands of different thickness and record your observation about the same.

SOCIAL SCIENCE

1. Mention the amendments taken place in the Indian constitution during the last two years.
2. Study the "Revolt of 1857" and make a project. Focus should be laid upon the following; (a) Causes of revolt (b) Outbreak of the revolt (c) Why the revolt failed? (d)Result of the revolt. Make it in a Project file and paste Pictures relevant to the topic .Presentation should be neat.
3. Collect pictures of some heritage buildings. Visit any one of them and write about architectural style of their building in your activity file.
 4."All weapons must be destroyed to save mankind ". Write an article on it.

GENERAL NOTE-Revise the syllabus covered in History, Geography and Civics during the summer break.

COMPUTER

Q1. Create a movie on the following topics by collecting the images or video through internet and submit the soft copy though CD or mail at gis.middle@gmail.com

1. India Fight against corruption
2. Delhi Metro
3. IPL 2017

NOTE: Project must be done using movie maker.

Q2. Make a file for submission –

a). Explain various networking components and also draw diagram/paste printed diagram .

(Ex- Router, Switch, RJ-45 etc.)

b) Explain the various network with suitable example and well labeled diagram.

FRENCH

Q1.Décrivez vos vacances d'été 100-120 mots<words> (Use different verbes and vocabulary to describe your summer vacations in French, you can take the help of dictionary).

Q2. Écrivez un poème que vous aimez et apprenez-bien (Learn & Write one French poem avec des images, les photographs).

Q3. Préparer une affiche (A-3 sheet /or A-3 chart Paper) :

Les sports en France.
Ou
Chanteur/chanteuse Française
Ou
Pourquoi vous apprenez la langue Française ?

Q4. Complétez les exercices leçon 0, 1 & 2 dans votre cahier des exercices. (Complete chapters 0,1 2 in workbook (cahier d'exercices)).

Note: The homework needs to be done in French notebook except Q3 & Q4.

----------- HAPPY HOLIDAYS ----------