Congratulations! New session, new friends and new books have already taken their place in this new academic session........ And now it’s time for a long vacation!!!!!!! Summer vacation beckons you to freak out, have fun, fast food and of course savor a large dollop of lazy time. However all play and no work can make you lag behind. So the answer is to plan a balanced vacation in a sensible manner with a little of everything lest you get carried away and the books and mind gather dust. We know you are disciplined enough to effectively juggle your time between the idiot box, Apps mania, and social networking ..... Have a wonderful time and cherish the memories of being with friends and family!!!!

Some pointers for students to follow:

✓ Plan your vacations that you promptly attend school on the first day.
✓ Manage your time and dispense the work for quick completion.
✓ Do not hustle yourself at the last minute.
✓ Be independent and honest in doing your work.
✓ Pick up a new activity for leisure time.

Note:
- The homework must be done systematically as per given instructions.
- The last date of submission of holiday homework are:
  2nd July 2014- Maths and English
  3rd July 2014 – Social science and Hindi
  4th July 2014- Science
- No homework will be accepted after the last date.
- All file, scarp books, projects, models should be neatly labeled and the name, class, section should be mentioned clearly.
- The holiday homework will be graded as a part of Evaluation and Formative assessment of students.
ENGLISH

(Roll No. 1 to 9)
Make a dictionary of ‘Proverbs ad Idioms’ with their meaning and sentence formation. Do use pictorial depiction of the same to make it creative.
   a. 20 proverbs
   b. 20 Idioms

(Roll No. 10 to 19)
Make an interesting original Comic strip (Class Incident) using not more than two A4 size sheets of paper.

(Roll No. 20 to 29)
Choose any story (of Literature Reader) and design an attractive Book cover and do the following:
   a. Brief information about the author of the chosen story.
   b. Write the attributes of your favourite character from the story.
   c. Make a crossword puzzle using the new words from the story.
   d. Using your imagination write an interesting ending of the story.

(Roll No. 30 to 40)
The English language has wealth of useful words and phrases, some familiar, other less so. To use English more effectively, find phrases with words denoting ‘colours’.

Example:
i. Paint the town red - Meaning-to enjoy oneself in a lively way. Sentence – when the team won the tournament, they painted the town red.
   ii. Green fingers – Meaning – natural skill in gardening. Sentence – your mother has green fingers and her plants bloom in our garden.

Now with different colours (words), find phrases and depict the meanings and sentences on A-4 size sheets. Pick out twenty such phrases and illustrate with colourful pictures or drawings.
Mathematics is a subject which requires regular practice and constant hard work. So don’t forget to revise the syllabus and learn the tables by heart along with the following projects:
(Roll No. 1 to 8)
A tessellation is created when a shape is repeated over and over again covering a plane surface without any gaps or overlaps.

Construct two tessellations by taking geometrical and natural pattern on computer using following steps:
1) Hold down a basic image and copy it to paintbrush.
2) Keep on moving and pasting by positioning each to see a tessellation.
   Bring it in a CD along with its hard copy.

(Roll No. 9 to 16)
Tangram is a Chinese puzzle which consists of seven pieces as shown below. Different shapes can be made of Tangram pieces. Form a story using different shapes made of it and present it in the form of 3D model. Use cardboard pieces for this.
(Roll No. 17 to 24)
Draw the map of your locality showing the details of your sector/block on A3 size pastel sheet. Also highlight the appropriate landmarks which will help a visitor to locate your house. Present it in the form of 3D model. Use of thermocol should be avoided.

(Roll No. 25 to 32)
Every one of us relishes the variety of food. Some foods are healthy whereas some are junk. Take food labels of two brands of each kind (e.g. two juices and two chocolates) and compare the constituents by plotting a double bar graph on A3 size pastel sheet. Innovation and creativity will be appreciated.

(Roll No. 33 to 40)
Sunscreens block harmful UV rays produced by the sun. Each sunscreen has a Sun Protection Factor (SPF) that tells you how many minutes you can stay in the sun before you receive one minute of burning of UV rays. For example, if you apply sunscreen of SPF 15, you get one minute of UV rays for every 15 minutes you stay in the sun. Prepare a project based on comparison of sunscreens of any 5 brands highlighting the following points mainly:

- What % of UV rays does it abort?
- What fraction of UV rays does it allow?
- With the help of calculations, check whether their claim in the advertisement is true or not.

Present your work on A4 size sheets in a folder.

SCIENCE

(Roll No. 1 to 9)
Food Web Project
Illustrate a food web existing in any of the ecosystem like forest, desert or a pond etc. in the poster on an A-3 size sheet.
Label each organism with its name, and whether it is a producer, consumer, or decomposer.

1. You must include at least 5 food chains, each consisted of a producer, a primary consumer, and a secondary consumer. There must be realistic feeding relationships. You shouldn’t have a shark eating a bear. Make sure your consumers have a variety of food to eat.

2. Your food web should have pictures preferably drawn by you.

3. Draw all the connections within your web neatly with arrow pointing to where the energy is going. In other words, the arrow should point towards who is eating.

4. The poster should be attractive in terms of design, layout, and neatness.
(Roll No. 10 to 19)
Roofs and walls of houses in different regions vary according to the climatic conditions. Make a project on construction materials of buildings available which are not affected by heat and cold outside.

(Roll No. 20 to 29)
Prepare a three dimensional model of parts of a typical flower using eco-friendly materials.

(Roll No. 30 to 40)
Make a pamphlet giving suggestions as to how energy can be conserved.

SOCIAL SCIENCE

(Roll No. 1 to 9)
Make a booklet of various forms of architecture in medieval period. How they are different from architecture in Modern and Ancient period. Depict this through pictures and web charts/tables.

(Roll No. 10 to 19)
Foragers are wanderers who depend entirely on the forest for their basic needs. Do a project on any hunting–gathering community of India. Make a project file or a power point presentation.

(Roll No. 20 to 29)
Do an analytical study with facts, figures, pictures and examples on how the status of women deteriorated in the course of time i.e from the Vedic Age to Modern Age. Do this in a scrap file.

(Roll No. 30 to 40)
Visit any two places of worship- a temple, mosque, gurudwara or a church. Carefully observe and identify the characteristic feature of each and compare and contrast between the two. Make sketches of the layout of the temple and the mosque. Write a report of the visit and illustrate your observations with pictures. Do this on A4 size pastel sheets and keep them in a project file.