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.
✓

Date of Submission:

MATHS / ENGLISH – 2nd July 2014
SOCIAL STUDIES/ HINDI – 3rd July 2014
SCIENCE – 4th July 2014
**ENGLISH**

**Roll No. 1-10:**

**The Works of a Bard**
William Shakespeare was born 450 years ago on April 23. His works have stood the test of time because they are still relevant today. Why there's still much ado about Shakespeare even 450 years later. Let’s relive that era and rewrite his plays in prose form.

**Procedure:**

1. It should be in a form of novel and well illustrated.
2. Design the cover beautifully both front and the back.
3. At the end get Spiral Binding done.
4. It should be handwritten. (Print handwriting)

**The play to be written by young writers are as follows:**

**Section A** - The Midsummer Night’s Dream
**Section B** - The Merchant of Venice
**Section C** - Macbeth
**Section D** - Hamlet
**Section E** - As you Like It
**Section F** - Comedy of Errors
**Section G** - The Tempest

**Roll No. 11-20:**

Write a detailed biography of three people (taking help from journals, newspaper) who are inspirational to you. They did not give up and continued to live courageously despite pain and difficulties in their life. Write your work in coloured A4 size sheet with related pictures pasted. (Word limit-150)

**Roll No. 21-30:**

Familiarize yourself with RAMAYANA (read any abridged version) and its central characters. Write short notes on any two characters and your reasons for finding them interesting. Paste pictures to make your work attractive. Do the work in coloured A4 size sheet.
Roll No. 31-40:

Prepare a Portfolio of one of your favourite novelist/poet in a file comprising of the following details:

a. His photo along with personal details like name, father’s name, date of birth/death (if applicable) etc.
b. Educational background and his achievements.
c. His writing style and important writings with brief description of almost all.
d. Paste related pictures to make your work attractive.

NOTE : All points to be done on an a 4 size sheet

HINDI
MATHEMATICS

1. Model Making:

A. Eiffel Tower; (ROLL NO. 1-10)
Children will use flexible wooden sticks or thin wires and toothpicks for the construction of Eiffel tower and on an A3 sheet they will design Eiffel tower and will give its mathematical interpretation and will also mention the number visitors visiting per month.

B. Taj Mahal; (ROLL NO. 11-20)
Discover cones, spheres, cubes, shapes and geometric fundamentals with objects around the house or classroom. Gather empty paper towel and toilet tissue rolls, milk cartons (all sizes), ping pong balls, paper cups, straws, foil, tubular containers (like oatmeal boxes) and shoe boxes. Wrap them with white sheet or use white colour to give a proper effect. On an A3 sheet give its mathematical interpretation as designing of the building and tiling of floors etc.

B. Chariot; (ROLL NO. 21-30)
Collect geometrical shaped items and attach them to make a beautiful chariot. Use silver and golden foil-sheet or paint to give proper effect.

C. Children’s Swing(four-bar linkages); (ROLL NO. 31-40)
To make up linkages use thick paper strips or cylindrical broom sticks or hard straws and use small balls or clay for joints. Use thin wires to put the parallelogram shaped linkage to put on it. When AB = CD and AD = BC the linkages form a parallelogram. Look at the picture given below and make children’s swing.
SCIENCE

In this modern age of technology, Science can never be forgotten. It has become a part and of our life. We can’t spend single minute without using gadgets and of course it will not be possible without Science.

ROLL NO.(1-7)

Visit to an amusement park. Study the nature of force experienced in various rides. Make a project file on the observations and paste the photographs of rides you observed.

ROLL NO.(8-14)

Find out if there is an organization in your locality which provides relief to those suffering from natural disaster. Enquire about the problems of the earthquake victims and the type of help we render to them. Make a project file for this activity.

ROLL NO.(15-21)

Visit to any industrial establishments in your locality like motor repairing workshops, any production units or factory. Have a conversation with the people working there and collect the following informations.

- Type of pollutants and wastes generated.
- Measures taken for handling pollution.
- Harmful effects of these pollutants on their health.
- (Also discuss and suggest some way to control pollution).
- Recollect all the informations. Considering all above points make a project file.

ROLL NO.(22-28)

Collect data from different households (minimum 3) through interview-cum-discussion method and suggest ways and means for saving electricity and fuels. Tabulate the data under the following heading.

- No. of members of the family.
- Type of fuel used in the kitchen.
- Quantity used per month.
- Total no. of rooms in the house.
- No. of bulbs, fans, T.V.S. refrigerators and other appliances used.
• Total power consumption per day and per month.
• Petrol consumption of scooters/motorcycles/cars

Prepare your report in a project file and mention all the points of advice you gave to the households.

**ROLL.NO.(29-35)**

Make a model of a granary using ecofriendly materials. Include some important things in your model which will enable loss of grains by microorganism.

**ROLL.NO.(36-40)**

A steep rise is observed in the use of aluminium foil to wrap and serve the food over the past few years. Is it all that safe? Make a project file and discuss the pros and cons of this practice. Also discuss the impact of aluminium foils varying thickness on the environment.

**The following activity is compulsory for all the students**

Visit a doctor or a health centre and find information on any one communicable disease prevalent in this season. Write about their cause, symptoms, mode of transmission, preventive measures, cure and their effects on the body. Do the activity in your note book and paste pictures, newspaper cuttings etc.

**SOCIAL SCIENCE**

1. **Roll No. 1 to 9**

**Growth of a city – Mumbai or Kolkata or Delhi or Chennai or any other city of India in the 19th and 20th centuries**

The report should include:-

• Trace the growth of the chosen city from 17th century onwards
• Reasons for its growth and importance
• New administrative set up like municipalities, railway stations, post offices
• Change in population pattern
• Maps pertaining to this period
• Some important monuments and the new architecture in the cities
• The city today and its importance
Note:-
• To be done on A4 size coloured sheets.
• Project must be supported by pictures, drawings, table work, collage work, newspaper clippings etc.
• Decorate the file with your creativity

2. **Roll No. 10 to 19**
**Make a critical report on the elections held on 10th April 2014.**

• Collect articles, cartoon caricatures, pictures showing the state of elections held.
• Paste them in a scrap file and then conclude it with first your opinion second with some suggestions about what should be done for healthy elections actually fair elections and end it with critical views on our political parties.

Note:-
• To be done on A4 size coloured sheets.
• Decorate the file with your creativity.

3. **Roll No. 20 to 29**
**Craft Work**

Weaving is one of the oldest crafts known to humans. Make one luncheon mat (size 16 by inches by 10 .5 inches.) by weaving paper strips or thin satin or nylon ribbons. Two different coloured ribbons can be taken. Thereafter get it laminated. To learn how to weave go to [www.wikihow.com/Make-Placemats-By-Weaving-Paperstrips](http://www.wikihow.com/Make-Placemats-By-Weaving-Paperstrips).

4. **Roll No. 30 to 40**
**Block Printing**

Handicrafts are an integral part of our culture. Block printing is a traditional way of creating prints. Create a block with the help of some vegetable. Buy a fabric and using bright colours create a beautiful design with fabric paints.

So go ahead and have a Great Holiday and enjoy yourself to your heart’s content!
9. हमारे देश के लिए बड़े ही दुर्भाग्य का विषय है कि बहुत सारे बुद्ध अपनी वृद्धावस्था अकेले रहकर काट रहे हैं। संपूर्ण परिवार की परंपरा लुप्त हो रही है। बहुत से बच्चे विदेशों में बस गए हैं। ऐसे बुद्धों के अकेलेंगों को दूर करने के लिए कुछ संस्थाएँ निरन्तर प्रयासरत हैं। आप किसी एक वृद्धाश्रम में जाकर वहाँ रहने वाले बुद्धों के साथ एक दिन व्यतीत करें एवं अपने अनुभवों पर वीडियो बनाकर डॉक्युमेंट्री के रूप में तैयार करें।

10. श्रीमानकाश के दौरान आप देख - विदेश या किसी भी स्थानीय स्थान के श्रम के लिए जाएं एवं उस स्थान की विशेषताओं पर जानकारी एकत्रित कर परियोजना पुस्तिका तैयार करें।

20. भारत में नदियों को माता की उपमा दी गई है। नदियों की महत्ता को ध्यान में रखते हुए, गंगा नदी के किनारे बसे हुए किसी एक प्रमुख शहर की ऐतिहासिक, सांस्कृतिक एवं व्यवसायिक उपवृत्तियों पर जानकारी एकत्रित कर प्रतियोजना पुस्तिका बनाएं।

उदाहरणतः - बनारस, इलाहाबाद।

30. अपने परिवार के किसी बुजुर्ग सदस्य के साथ नजदीक के किसी बैंक में जाकर, बैंक के गतिविधियों को समझने का प्रयास करें। बैंक में कितने प्रकार के खाते खोले जाते हैं इस विषय पर जानकारी एकत्रित करें तथा व्यक्त खाता खोलने की प्रक्रिया का वर्णन करते हुए एक परियोजना पुस्तिका बनाएं।

5. निम्नलिखित कार्य सभी छात्रों के लिए अनिवार्य है।
किसी दोहा / सूत्र / मुहावरे को आधार बनाकर लेख अथवा नाटक लिखें।