



Hansraj Public School

**HAPPY
SUMMER
VACATION!**

Class XI



Homework

Message

from Principal (Hansraj Public School)

Dear Parents,

I take the opportunity to express my gratitude to our partners in the cause of education. I value your contribution in fulfilling our aim - the aim of making our young Hansarians the catalysts of change, who are capable of aligning with ancient values and modern progressive thoughts equally well.

Most awaiting time of the school calendar, summer vacation has arrived. For children, it is a break from the hectic scheduled life of the school. But we need to sensitize them that it is not a break from studies and discipline.

The new generation kids need to be handled with care so that their immense energy is channelized properly. Vacations are the times for children to relax, to reinvent, to rejuvenate and to reinforce all that is learnt in school. Your support and encouragement during this time is crucial for effective utilization and productive outcome of summer holidays.

It is said that children acquire skills and knowledge easily if they find the surroundings stimulating and purposeful. We provide the same to our learners during school days and trust you for the same during vacation. Help children release stress, learn new skills, acquaint with their surroundings and explore the world of books. It all will give them a positive bounce back. Spend some quality time with your wards. Guide them in doing their assignments. These assignments have been carefully planned to serve the dual purpose. On one side, they intend to keep children engrossed in creative endeavours and on the other they aim at making them revise and learn concepts which would help them in their academic pursuits.

Let us join hands together and pledge to continue in our efforts and make our children reach the pinnacle of glory with panache.





Time for some holiday fun,

Time for some play,

Summers are the time to chill,

And play a lot with clay,

Castles in the sand for sure,

Sun block would be the only cure,

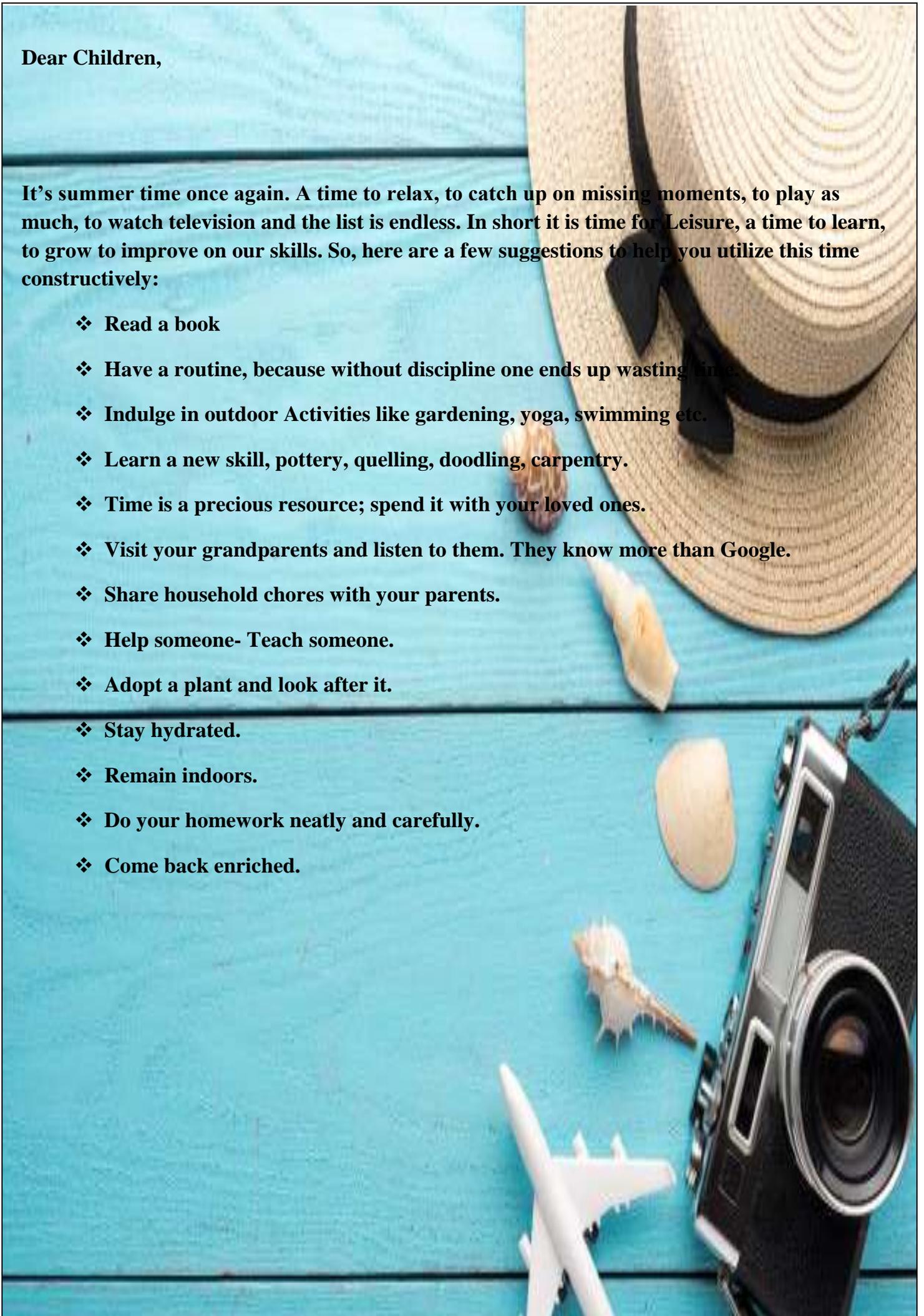
In the summer's heat,

Happy summer season!

Dear Children,

It's summer time once again. A time to relax, to catch up on missing moments, to play as much, to watch television and the list is endless. In short it is time for Leisure, a time to learn, to grow to improve on our skills. So, here are a few suggestions to help you utilize this time constructively:

- ❖ **Read a book**
- ❖ **Have a routine, because without discipline one ends up wasting time.**
- ❖ **Indulge in outdoor Activities like gardening, yoga, swimming etc.**
- ❖ **Learn a new skill, pottery, quelling, doodling, carpentry.**
- ❖ **Time is a precious resource; spend it with your loved ones.**
- ❖ **Visit your grandparents and listen to them. They know more than Google.**
- ❖ **Share household chores with your parents.**
- ❖ **Help someone- Teach someone.**
- ❖ **Adopt a plant and look after it.**
- ❖ **Stay hydrated.**
- ❖ **Remain indoors.**
- ❖ **Do your homework neatly and carefully.**
- ❖ **Come back enriched.**



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**The capacity to learn is a gift;
the ability to learn is a skill ;
the willingness to learn is a choice**

Brian Herbert



- A)** Take out 5 articles and 5 newspaper reports from any English newspaper. And paste them in the notebook.
- B)** Students will bring a video on the given topics and taking input from it, speak on the topic for at least 4 minutes, covering the aspects like introduction, explanation (reasons, repercussions and measures) and conclusion. (Topics will be allotted in the class)

- 1) War and its Impact on Man
- 2) Importance of Father in Life
- 3) The Mysterious Ruler: King Tut
- 4) The Impact of Teacher on Students' Personality
- 5) The Ideal School
- 6) Peer Pressure
- 7) Environmental Threats and Role of Students
- 8) The Necessary Attributes of A Successful Professional

C) Do the following work from BBC in English homework notebook

Module 2 (READING-II)

- Classroom Assignment number 7 to 10

Module 6 (GRAMMAR)

- Classroom assignment number 55 (page number 383 to 386)
- Classroom assignment number 56 (page number 387 & 388)
- Classroom assignment number 59 (page number 397 & 398)
- Practice assignment number 31 (page number 399 & 400)

MATHEMATICS IS FUN

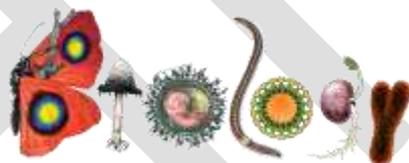
- Project on history of one of Indian mathematician.
- Complete chapter 1,4 and 6 from NCERT book in Notebook.
- Write discussed experiments in class in practical notebook

Physics

1. Write discussed experiments in practical note book.
2. Work on project as discussed in class.
3. Complete NCERT exercise of lesson 1,2 in numerical notebook.



1. Do the back exercise of lesson 1
2. (Basic Concepts of Chemistry) in your class register



1. Complete back exercise Q/A of lesson 1 to 3 of NCERT book.
2. Draw tables for classification of the five kingdoms.

Accountancy



Make a project file on an imaginary business started and run by you with 50 transactions. Prepare journal and accounting equation for the transactions.



1. Prepare the project report on the selected topic as per the given guidelines.
2. Prepare 20 to 30 objective type/ MCQs with answer from chapter 1 & 2. (In class notebook)



INSTRUCTIONS:

1. There are two sections ;

a) Section A to be done in the fair notebook & the worksheets should be pasted in the notebook.

b) Section B is on project work which is mandatory for every student as per the CBSE guidelines. This is to be submitted in a spiral project file. ***However you must bring it for the teacher's review before the spiral is done.***

SECTION –A

Attempt the following questions as per the given weightage.

1. Explain the central problem of 'for whom to Produce' (3)
2. Why do economic problems arise? (3)
3. "There will be no economic problems if there were no alternative uses of resources." Defend or refute.
4. Why is production possibility curve concave to the origin? Explain. (3)
5. Write a schedule for PPC and MRT. (4)
6. Using a diagram explain what will happen to PPC of Kerala due to widespread floods? (4)
7. What is the effect on MRT as we move downwards along a PPC? Why? (4)
8. What is the effect of unemployment on PPC? Explain. (3)
9. Economic slowdown has adversely affected the demand for Indian exports. What will be its effect on India's PPC? Explain. (3)
10. Explain the concepts of scarcity, choice and opportunity cost with the help of a PPC. (6)
11. Production in an economy is below the potential due to unemployment. Government starts employment generation schemes. Explain its effect using PPC. Also state its economic value. (4)

12. A lot of people die and many factories are destroyed because of severe earthquakes in a country. How will it effect PPC? Explain using diagram. What should the government do to ease the situation. (4)

13. Show underutilization and efficient use of resources through a diagram.(3)

14. A country produces two goods X & Y. Its PPC is given below. Identify the shape of PPC giving reason. (3+3)

(a) Possibilities	Y	X
A	100	0
B	95	1
C	85	2
D	70	3
E	50	4
F	25	5

(b) Complete PPC

Possibilities	X	Y	MRT
A	0	75	----
B	1	---	5:1
C	2	---	8:1
D	3	50	----
E	4	30	----
F	5	---	30:1

SECTION B: PROJECT WORK



Dear students complete the research work for the economics project as per the CBSE guidelines. You can choose any of the following topics as suggested by CBSE.

SUGGESTED LIST OF PROJECTS AS GIVEN BY CBSE

- Effect on PPC due to various government policies
- Invisible Hand (Adam Smith)
- Opportunity Cost as an Economic Tool (taking real life situations)
- Effect of Price Change on a Substitute Good (taking prices from real life visiting local market)
- Effect on equilibrium Prices in Local Market (taking real life situation or recent news)
- Effect of Price Change on a Complementary Good (taking prices from real life visiting local market)
- Solar Energy, a Cost Effective Comparison with Conventional Energy Sources
- Bumper Production- Boon or Bane for the Farmer
- Any other newspaper article and its evaluation on basis of economic principles
- Any other topic

Scope of the project:

- 1. Choose a title/topic**
- 2. Collection of the research material/data**
- 3. Organization of material/data**
- 4. Present material/data**
- 5. Analysing the material/data for conclusion**
- 6. Draw the relevant conclusion**

ESSENTIALS OF THE PROJECT:

- **Expected Checklist:**
- Acknowledgement
- Index
- Introduction of topic/title
- Identifying the causes, consequences and/or remedies
- Various stakeholders and effect on each of them
- Advantages and disadvantages of situations or issues identified

- Short-term and long-term implications of economic strategies suggested in the course of
- Research
- Validity, reliability, appropriateness and relevance of data used for research work and for presentation in the project file
- Presentation and writing is neat and coherent in project file
- Citation of **the materials referred to, in the file in footnotes, resources section, bibliography /references etc.**

OBJECTIVES OF THE PROJECT:

- Acknowledgement
- Index
- References/ Bibliography
- Teacher's report
- The Project Report should be handwritten ,minimum 3,500-4,000 words (excluding diagrams & graphs
- it should be an independent, self-directed piece of study

BOOKS & SITES FOR REFERENCE:

Published extracts from newspapers ,media, government policies,
RBI bulletin,
NITI Aayog reports,
IMF/World Bank reports,
Indian Economic survey etc.



1. Python Program to Print Hello world!
2. Python Program to Add Two Numbers
3. Python Program to Find the Square Root
4. Python Program to Calculate the Area of a Triangle
5. Python Program to Check if a Number is Positive, Negative or 0
6. Python Program to Check if a Number is Odd or Even
7. Python Program to Find the Largest Among Three Numbers
8. Python Program to Check Prime Number
9. Python Program to Find the Factorial of a Number
10. Python Program to Display the multiplication Table
11. Python Program to Make a Simple Calculator
- 12. Python Program to design a game stone, paper & scissor**

Hint:

- a) Take two users as two variables
- b) Take the input from both the users as stone/paper or scissor
- c) Using if and elif compare the options taken by the users

```
if u1 == 'rock':  
    if u2 == 'scissors':  
        print("Rock wins!")  
and so on.....
```

NOTE: PROGRAMS TO BE WRITTEN IN PRACTICAL FILE



Do the back exercises of the given chapters:

1. Ch 1 (Changing trends & career in physical education)
2. Chapter 9 (Psychology & Sports)
3. Chapter 10 (Training and Doping in sports)