

Sant Nirankari Public School Avtar Enclave

Class X

Summer Holidays Homework

Session 2024-25

Dear Student,

Summer Vacation is the best and the most fruitful time for learning and nurturing creativity. Keeping this objective in mind we have planned diverse and exciting activities that will enhance your knowledge and boost your creativity.

- “Knowledge is Power”. Therefore read lots and lots of books to cultivate the reading habit and develop your vocabulary, language skills, increase your attention span and improve your spellings.
- “A healthy mind lives in a healthy body”. So play the sport of your choice INDOORS. It will help to instill discipline, generate sporting spirits and channelize your energies constructively.
- Get up early in the morning and see the rising sun. Do indoor exercises / yoga and stay healthy and fit. Spend quality time with your elders and share your thoughts and ideas with them.
- Eat healthy food and drink lots of water during summer.
- Integrating curriculum helps students deepen their understanding of the subject matter and comprehend relationship between different areas of study. This year’s holiday homework has been designed keeping this interdisciplinary aspect in mind.

English

1. Read the following chapters and make at least 20 MCQs from each chapter in the form of worksheets. Then solve those worksheets:

A Letter to God, Nelson Mandela, Two Stories about Flying, A Triumph of Surgery, The Thief's Story

2. Do the Reference to Context of the following poems (shared in the class group):
Dust of Snow, Fire and Ice, A Tiger in the Zoo, How to Tell Wild Animals
3. There is a huge network of beggars in India. It is a business that is going on a very large scale. If not addressed, this problem will put the future of India at risk. Write a letter in about 120 words to the editor of a newspaper highlighting this issue and how to curb it.

हिन्दी

1. कक्षा में किए गए प्रत्येक पाठ में से 10-10 बहुविकल्पीय प्रश्न एवं दो-दो गद्यांश/पद्यांश (बहुविकल्पीय प्रश्नों सहित) ढूँढ कर उनके उत्तर लिखिए।
2. 'साक्षरता अभियान' एवं 'स्वच्छ पर्यावरण' पर एक सुंदर विज्ञापन बनाइए।
3. शारीरिक अंगों /रंगों से संबंधित कोई 20 मुहावरे (चित्र बनाकर) अर्थ सहित लिखकर वाक्य बनाइए

Maths

“Without Mathematics, there's nothing you can do. Everything around you is Mathematics. Everything around you is numbers.” Shakuntala Dev

1. Solve worksheets of Ch- 1,2,3,4,7,14 on A-4 size sheets.
2. Prepare a mind map of the topic as per given roll no.
Roll no. – 1 to 7 – Polynomials
Roll no. – 8 to 14 – Linear Equation in two variables
Roll no. – 15 to 21 – Quadratic Equation
Roll no. – 22 to 28 – Coordinate Geometry
Roll no. – 29 onwards – Probability
Where to do : In A3 size sheet
3. Complete your maths practical file

Science

1. Frame 30 MCQs from the chapters done in the month of April and May.
2. Draw the diagrams of:-
 - a) Ray diagrams of concave mirror
 - b) Ray diagrams of convex mirror
 - c) Ray diagrams of convex lens
 - d) Ray diagrams of concave lens.
 - e) Cross section of a leaf
 - f) Open and closed stomatal pore
 - g) Nutrition in Amoeba
 - h) Human alimentary canal
 - i) Human respiratory system
 - j) Cross section of human heart
 - k) Excretory system in human beings
 - l) Structure of nephron
3. Prepare a write up on the following topics related to chapter - Management of Natural Resources and paste pictures also on A-4 size sheet
 - Roll no. 1-10 Forests
 - Roll no. 11-20 Wildlife
 - Roll no. 21 - 30 Water
 - Roll no. 31 - 40 coal and petroleum

Social Science

Project work.

1. Make a project on consumer rights .(Rollno:1-15)
 - Sustainable development (16-25)
 - Social issues (26-last)
2. Make 20 mcqs on each chapter covered till May 30th and write it in your fair register.
3. Learn the syllabus covered till 30th may .

Art and craft

1. Draw any 6 sketches in Art file
 2. Draw any one portrait in Art file
- *ART PROJECT*
- Make one skeleton leaf craft

IT

Design a beautiful project file for Information Technology (402) subject and keep all the A4 size sheet and project work in the file.

Part – A Research Work

1. Create your own blog using the ***blogger.com*** (or any blogging website) about the experience of "Social-Media Advantage & Disadvantages"

Take the printout of your blog and keep it in Project file.

Part – B Project Work

1. Create a Professional Resume using Templates in MS Word.

Take the coloured printout and keep it in Project file.

2. Create 4 well formatted graphs to show the following:

- Column chart to show Academic performance of all the students.
- Line chart to show Co-Curricular performance of all the students.
- Bar chart to show sports performance of all the students.
- Pie Chart to show the overall performance of all the students in all activities.

S N o	Name	English	Hindi	Maths	Total	Co- Curric ular(1 00)	Sports(100)	Over all	Percenta ge %
1	Aditya	75	89	60	224	80	80	384	76.80%
2	Anuj	78	75	70	223	70	85	378	75.60%
3	Bhawna	70	90	67	227	90	75	392	78.40%
4	Kartik	46	55	45	146	40	50	236	47.20%
5	Muskan	75	45	76	196	60	75	331	66.20%
6	Priyanshi	78	67	56	201	60	70	331	66.20%
7	Saksham	70	89	89	248	70	60	378	75.60%
8	Sangeeta	79	80	67	226	70	75	371	74.20%
9	Sonakshi	75	78	78	231	80	80	391	78.20%
10	Sumit	78	56	76	210	70	65	345	69.00%
11	Yash	70	75	60	205	70	70	345	69.00%
12	Zaid	79	76	66	221	80	90	391	78.20%

Part – C Project Work

Make a PPT on the topic "**Communication Skills**" and take the printout and keep in the project file.

**** You can take the help of Internet.**

Project File reference :

<https://youtu.be/06AQ8eEPpxQ?si=mzisoQKcp7U6DPtR>

Health and Physical Education

1. Prepare a project on SEWA (Choose any one topic and prepare a project).

Topics:

1. Energy conservation
2. Save water
3. Awareness regarding health
4. Personal hygiene
5. 3'R (Reduce, Reuse, Recycle)
6. Green and Blue bins
7. Swachha Vidyalaya Swachha Bharat
8. Dignity of labour
9. Care for homeless children's
10. Importance of exercise
11. Pollution (Air and Water)
12. First Aid.