

**SANT NISCHAL SINGH PUBLIC SCHOOL,
YAMUNA NAGAR**



HOLIDAYS ASSIGNMENT

SESSION (2024-25)

CLASS: XI

Dear Students

We all eagerly wait for holidays. We all make plans to enjoy, to relax and to empower ourselves during these gala days. This summer vacation the Holidays Homework so designed by the mentors of the school is a medium for you all to achieve the motto of 'Fun and Learn'.

The activities and Art integrated assignments will foster curiosity, develop creativity, enhance knowledge and instill the joy of learning among you all. This will certainly help you discover a new you who is more enriched and confident and performs every action to perfection.



TIPS FOR SUMMER BREAK

- ❖ *“A healthy mind resides in a healthy body” - pay attention to your health, go for morning and evening walks, avoid consumption of junk food, eat healthy and stay healthy.*
- ❖ *Open your mind for reading newspapers, novels, blogs and stories that will help you in increasing your vocabulary.*
- ❖ *Watch Discovery Channel , History Channel, National Geographic Channel and BBC Earth for knowledgeable programs.*
- ❖ *Indulge yourself into activities like cooking, singing, dancing aerobics, cycling , trekking, swimming, art and craft and gardening.*
- ❖ *Appreciate nature and go for Nature Walk, Plant a sapling, water the plants . Spread the message of nature conservation.*
- ❖ *Remember to have a wide mouth container filled with water outside your house for the birds to get respite from the scorching heat.*



GENERAL INSTRUCTIONS THAT ARE TO BE FOLLOWED

- ❖ Revise the syllabus thoroughly covered till May.
- ❖ Use eco friendly material to prepare Models or Projects .
- ❖ Make the Project/ Models independently. Ask Parents for guidance and assistance only.
- ❖ Maintain the quality of work done.
- ❖ Write about your Project in a Project File(word limit -200 to 300 words)
- ❖ Minimize the use of gadgets.
- ❖ Develop a skill or hobby. Click photographs, record videos and note your achievements in your Portfolio File.

ENGLISH

- **Roll no: 1-12**

“Lapata Ladies” explores themes of empowerment, societal expectations and the journey of self-discovery. Choose one of the main characters from the movie and analyze how their experiences and interactions reflect these themes. Discuss specific scenes and dialogues that highlight the character’s growth and the societal challenges they face. How do these elements contribute to the overall message of the film? Write an essay of 500-600 words.

Guidelines:

Provide a brief summary of the character’s role in the movie. Identify key scenes and dialogues that showcase the character’s development. Analyze how these elements reflect the themes of empowerment, societal expectations and self-discovery. Conclude with your interpretation of the film’s message and its relevance to contemporary society. Use proper essay format with an introduction, body paragraphs, and a conclusion.

- **Roll No.12-24**

Students to select a poem and create an illustrated version. This can include drawings, paintings, or digital art that capture the themes, emotions, and imagery of the poem. Students should present their artwork and explain how it connects to the poem’s themes and messages.

- **Roll No. 24 onwards**

On world environment day, plant some trees in your locality or nearby park. Motivate people to take care of plants. Take the photographs with your planted trees and write a newspaper report .

PHYSICS

Prepare an investigatory project (Working models) on the following topics

- Roll no(1,3,5,7,9,28,30) Electricity and Magnetism
- Roll no(11,13,15,17,19,22,32) Light & Optics
- Roll no(2,4,8,10,24,34,35) Mechanics
- Roll no(12,14,16,18,20,26,36) Waves & Oscillation
- Roll no(21,23,25,27,29,31,33) Energy conservation

Student have to prepare Working model on the above topics as mentioned Roll no wise individually. Solve assignments uploaded on ERP.

ISRO's Space Missions set for 2024 (Prepare power point presentation on topic)

CHEMISTRY

- 1.Solve the assignment uploaded on schoolpad application in your fair note books.
- 2.prepare an investigatory project report on following topics according to your roll numbers:
 - .Study of the methods of purification of water.(Roll no: 1-4,20-24)
 - Testing the hardness, presence of iron , chloride, etc., in drinking water obtained from different regions and a study of the cause of presence of these ions above permissible limits.(Roll no: 5-8, 25-28)
 - Analysis of soil samples (for acidic and alkaline nature)(Roll no:9-12,29-32)
 - To prepare adhesive from petrol and thermocole.(Roll no 13-16 33-36)
 - To prepare " Prussian Blue" in the laboratory and to use it as a dye for dyeing cotton clothes.(Roll no 17-20,37-40.

BIOLOGY

- 1.Solve the assignment uploaded on schoolpad application in your fair note books.
- 2.prepare an investigatory project report on following topics according to your roll numbers:
 - Economic importance of algae (Roll no. 1,18,23)
 - Bacteria : friend or foe (Roll no.2,8,21)
 - Economic importance of fungi (Roll no. 3,7,17)
 - Avian diversity of Haryana (Roll no. 6,12,15)
 - Deficiency diseases in plants (Roll no. 4,10,16)
 - Mammalian diversity of Kerala (Roll no. 5,19,21)
 - Medicinal herbs found in Himachal Pradesh (Roll no.9,20,24)
 - Common Respiratory disorders (Roll no. 11,13,14)
- 3.Make an individual working model on any of following themes including relevant chart::
 - Eco-friendly materials as an alternative to harmful materials
 - Bio-technology as a boon
 - Beat plastic pollution
 - Genetics
 - Food safety
 - Traditional methods of treatment and modern biology (fusion concept)

MATHEMATICS(041)

*Solve the assignment uploaded on ERP

*Prepare project on following topics according to your roll number

- **Roll no 1-6** set operations by using venn diagrams
- **Roll no 7-12** concept of octants by three mutually perpendicular planes in space
- **Roll no 13-18** To generate a formula for the sample space when a die is rolled once,twice and so on
- **Roll no 19-24** To identify a relation and function
- **Rollno 25 -30** Relation between degree measure and the radian measure of an angle
- **Roll no 31-36** Arithmetic mean of two different positive numbers is always greater than or equal to geometric mean

APPLIED MATHEMATICS

Do NCERT Exemplar and miscellaneous exercise questions in Maths notebook

*Prepare project on following topics according to your roll number

- **Roll no 1-8** set operations by using venn diagrams
- **Roll no 9-16** To generate a formula for the sample space when a die is rolled once,twice and so on
- **Roll no 17-24** To identify a relation and function
- **Rollno 25 and onwards** To demonstrate the count sequence of binary Numbers and the binary coded decimals (BCD) representation.

*Design and build gray code to binary converter

BUSINESS STUDIES

XI -C

Prepare project on following topics :-

Roll no. 15-20 - Prepare project file on company .

Roll no. 21-26 - Prepare model on malls ,super bazaar & departmental store.

Roll no. 27-33 - Prepare working model on banks .

Roll no.34-39- Prepare assignment on different types of cooperative society.

Roll no. 40-46-Prepare project report on ATM,Aadhar card

XI -D

Prepare project on following topics:-

Roll no. 1-8. Prepare project file on company .

Roll no. 9-16. - Prepare model on malls ,super bazaar & departmental store.

Roll no. 17-24 Prepare working model on banks

Roll no. 25-32 Prepare assignment on different types of cooperative society.

Roll no. 32-41 Prepare project report on ATM,Aadhar card

ECONOMICS

. Create assignment on the topic below.

- **Roll No. 1-10** Theory of demand
- **Roll No. 11-20** Elasticity of demand
- **Roll No. Ownwards** PPC

ACCOUNTANCY

XI -C

Prepare project on following topics :-

Roll no. 15-20 - Prepare accounting model on basic accounting terms.

Roll no. 21-26 – Prepare project on GST.

Roll no. 27-33 - Prepare project report on double entry system & its rules.

Roll no.34-39- Prepare model on process & basis of accounting.

Roll no. 40-46-Prepare project report on accounting principles & concepts

XI -D

Prepare project on following topics:-

Roll no. 1-8. -Prepare project report on accounting principles & concepts

Roll no. 9-16. -. Prepare project on GST.

Roll no. 17-24 Prepare accounting model on basic accounting terms

Roll no. 25-32 Prepare model on process & basis of accounting.

Roll no. 32-41 prepare project report on double entry system & its rules.

HINDI CORE(302)

- कक्षा में करवाए गए कार्य की दोहराई (Revision) कीजिए
- परियोजना कार्य
- निम्नलिखित किसी एक विषय पर सचित्र फाइल बनाइए।
- नमक का दरोगा
- भारत के जिन दार्शनिक स्थलों को आपने देखा है उन के विषय में आप के मन में जो भाव उत्पन्न हुए होंगे उन भावों को व्यक्त कीजिए।
- हमारे भारतीय त्योहार जिन त्योहारों को आप मनाते हैं। किसी एक विषय पर सचित्र फाइल बनाइए

PSYCHOLOGY

"Prepare a project related to any psychological topic, such as human development, learning, memory, motivation, perception, attention, and thinking. While creating the project, you must utilize psychological methods of inquiry such as observation, surveys, interviews, questionnaires, and small studies related to topic. (The case profile should not exceed 15 Pages)

Group-1 Human Development & Learning (Roll no 1-3)

Group-2 – Memory & Motivation (Roll no 4-6)

Group-3 Attention & Thinking (Roll no 10, 12 & 13)

HISTORY

1- Prepare a handwritten Project File Consisting 15- 20 pages on the topic

"MESOPOTAMIAN CIVILIZATION"

2 - Prepare a PPT on the topic "Roman Empire"

Revise all the chapters done in the class till date.

POLITICAL SCIENCE

Roll no 1 to 7

- Design Election Campaign Poster for a fictional Political Party or Candidate

Roll no 8 to 15

- Prepare a PPT on Lok Sabha Elections 2024

Project File Compulsory for all

- Prepare a handwritten Project file on the Topic
Making of Indian Constitution

MUSIC PERCUSSION(036)

Make Music practical file on all these topics:-

- Draw the Tabla & write the parts in detail
- Write the definition of Sangeet, laya
- Write Teen Taal, JhapTaal description & Taal notation system with thah, dugun, tigung, chaugun
- Write one kayda, four paltas & tihai
- Biography - Pt. Nana Panse

HINDUSTANI MUSIC VOCAL(034)

Prepare Music practical file on these topics -

- Raag - Raag Bihaag (Description, Notation, Alap and taans)
- Taal - Teentaal and keharwa taal (thah, dugun, tigung, chaugun)
- Biography - Tansen ji (with headings and picture)
- Tanpura - Draw the tanpura and write the parts in detail

PAINTING

- Six limbs of Indian Painting Fundamentals of visual arts
- sunrise & Sea Beach seen with watercolor/ poster colour on A3 paper

COMPUTER SCIENCE

- Solve assignments uploaded on ERP

- .Make a presentation on "Emerging use of AI"

WEB APPLICATION

- Create a website using HTML & CSS.
- Design poster/E-invite/brochure/ advertisement using GIMP/CANVA

HPE (PRACTICAL)

S.NO	STRAND	PROJECT FILE
1	GAME AND SPORTS	
?	ATHLETICS TRACK	
1.		Layout 400 Mt Track(Compulsory for everyone) (All classes)
?	LONG JUMP	
1.		Layout Long Jump Pit
2.		Runway
3.		Long Jump Techniques
2	TEAM GAMES	
		1. Roll no 01 to 10 Draw a Badminton court
		2. Roll No 11 to 20 Draw cricket ground
		3. Roll No 21 to 30 Football ground
		4. Roll No 31 to above Volley ball court
3	SEWA	
?	PROJECT	
1.		Roll no 01 to 15 Dignity of Labor
2.		Roll No 16to 30 Care for Homeless Children.
3.		Roll No 31 to above Family Budget.

PHYSICAL EDUCATION(THEORY)

Unit-1 Changing Trends & Career in Physical Education----**Roll no 01 to 15**

Prepare a chart on steps taken by the Government of India to promote games and sports in India.

Unit -2 Olympism value Education ----- **Roll no 16 to 30**

Make a study of other international symbols .Make a collage of these symbols on a poster. How powerful are these symbols in conveying their message? Do you think the Olympic rings convey the message of Olympism?

Unit -3 Yoga ----- **Roll no 31 and above.**

Prepare a model showing eight paths(Ashtanga yog) of yoga.

YOGA(841)

*Interview the people in your neighbourhood using the following question

1.Do you practice Yoga on a regular basis? If yes, write down the conversation between you and your neighbour in a notebook. You are also requested to motivate your neighbours and family members to practice yoga by telling them the advantages and take the pictures and videos of the same activity

Revise all the chapters

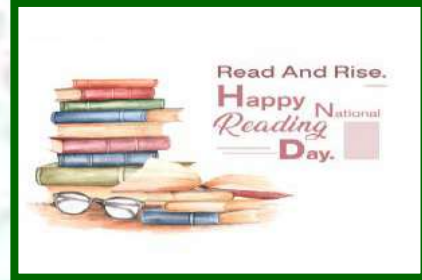


DAYS TO REMEMBER.....

WORLD ANTI TOBACCO DAY 31 MAY



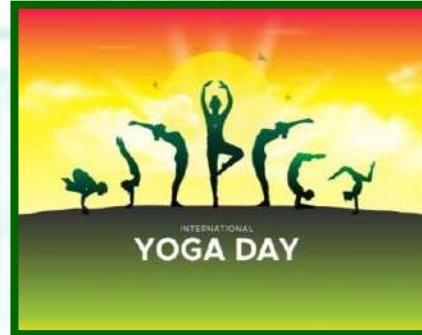
NATIONAL READING DAY 19 JUNE



WORLD ENVIRONMENT DAY 5 JUNE



INTERNATIONAL YOGA DAY 21 JUNE



WORLD OCEAN DAY 8 JUNE



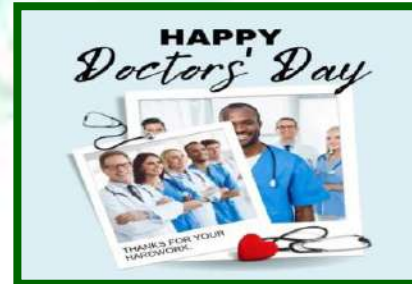
INTERNATIONAL DAY AGAINST DRUG ABUSE 26 JUNE



WORLD BLOOD DONATION DAY 14 JUNE



WORLD DOCTOR'S DAY 1 JULY



FATHER'S DAY 16 JUNE



INTERNATIONAL PLASTIC BAG FREE DAY 3 JULY



Happy
Holidays