SWARNPRASTHA PUBLIC SCHOOL, SONEPAT

विद्यायाः पथमृ स्वर्णिमृ

SPS
SWARNPRASTHA
PUBLIC SCHOOL
S O N E P A T

SPARSH GROUP INITIATIVE
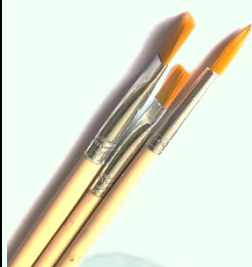
SESSION: 2024-25
HOLIDAY HOMEWORK
CLASS 12
STREAM: HUMANITIES

"Learn while you explore, makes for a summer you'll adore!"

SUBJECT- ENGLISH

TOPICS (ANY ONE)

1.Interview-Based research:
Example:
Students can choose a topic on which to do their research/ interview, e.g. a student can choose the topic:
"Evolving food tastes in my neighbourhood" or "Corona pandemic and the fallout on families."
Read the available literature.
The student then conducts interviews with a few neighbours on the topic. For an interview, with the help of the teacher, student will frame questions based on the preliminary research/background.
The student will then write an essay/ write up / report etc. up to 1000 words on his/her research and submit it. He/ She will then take a viva on the research project. The project can be done in individually or in pairs/ groups.

2.Students listen to podcasts/ interviews/radio or TV documentary on a topic and prepare a report countering or agreeing with the speakers. Write an 800 - 1000 words report and submit. Take a viva on the report.

3.Students create their own video/ Audio, after writing a script. Before they decide a format, the following elements can be taken into consideration:
Theme/topic of the audio / video. Would the child like to pick a current issue or something artistic like theatre?
What are the elements that need to be part of the script?
Will the video/audio have an interview with one or more guests?
Would they prefer to improvise while chatting with guests, or work from a script?
What would be the duration?
How would they present the script/report to the teacher, e.g. Can it be in the form of a narrative?
4. Students write, direct and present a theatrical production, /One act play
This will be a project which will be done as a team.
 It will involve planning, preparation and presentation. In short, various language skills will be utilised.
There will be researching, discussion, writing the script, auditioning and ultimately producing the play.
The project will end with a presentation and subsequently a viva.
The project will help assess the core language skills of the students and help them grow as 21st century critical thinkers.

THE PROJECT-PORTFOLIO MAY INCLUDE THE FOLLOWING:

● Cover page, with title of project, school details/details of students.
● Statement of purpose/objectives/goals
● Certificate of completion under the guidance of the teacher.
● Students Action Plan for the completion of assigned tasks.
● Materials such as scripts for the theatre/role play, questionnaires for interview, written assignments, essays, survey-reports and other material evidence of learning progress and academic accomplishment.
● The 800-1000 words essay/Script/Report.
● Student/group reflections.
● If possible, Photographs that capture the positive learning experiences of the student(s).
● List of resources/bibliography

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SUBJECT- HINDI

तुलसी के काव्य में लोकमंगल विषय पर एक परियोजना) प्रोजेक्ट (कार्य तैयार कीजिए। परियोजना निर्माण निम्नलिखित बिंदुओं को ध्यान में रखकर किया जाएगा –

(क (साहित्यकार का संक्षिप्त परिचय /प्रमुख रचनाएं

(ख (साहित्य सृजन के प्रमुख उद्देश्य

(ग (रचनाओं में लोकमंगल प्रसंग

(घ (प्रासंगिकता परियोजना कार्य का क्रम निम्नवत रखें- मुख्य पृष्ठ, विद्यार्थी का घोषणा पत्र, प्रमाण पत्र, विषय सूची, अभारोक्ति, विषय परिचय, उद्देश्य, सीमांकन, विषय विस्तार, संदर्भ सूची

SUBJECT- HISTORY

HISTORY: G-1. "Mahabharat"- The Great Epic of India

G-2 The History and Legacy of Mauryan Empire

G-3 Global legacy of Gandhian ideas

G-4The Vision of Kabir

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SUBJECT- POLITICAL SCIENCE

**PROJECT WILL BE ACCORDING TO ROLL NUMBER WISE.PROJECT MUST INCLUDE
(a) Cover page (b) Certificate (c) Acknowledgement (d) Conclusion (e) Bibliography.
Min page: 30 Min pictures: 18**

PROJECT WORK:

1.NAM- 1961 to present times.
2. Division of Germany with special focus on the construction and dismantling of the Berlin Wall.
3. CIS-Central Asian Republics
4. Disintegration of USSR with special focus on Gorbachev.
5. Arab Spring
6. Cover the negative as well as positive aspects of relationship between India and the following countries.
Focus on any one of the following (current updates should be highlighted):
a) Relationship between India and Russia
b) Relationship between India and China
c) Relationship between India and Pakistan d) Relationship between India and Bangladesh.
7.ASEAN
8. European Union and BREXIT
9. BRICS
10. SAARC
11. India's Nuclear Policy
12. United Nations with focus on India's candidature in Security Council.
13. UN Agencies – UNICEF, UNESCO, WHO
14. Pandemics: Covid 19- Its global impact (focus on worldwide cooperation and preparedness along with controversies (please collect newspaper clippings for the same)
15. Partition of India-Theory behind it and its legacy

16. Comparison between NITI AAYOG and Planning Commission and their contribution in India's Development.
17. Election 2019- Rise of BJP and Downfall of Congress (1989-2019).
18. Emergency – A blot on Indian Democracy
19.NDA III and NDA IV – Social and Economic welfare program
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SUBJECT- SOCIOLOGY

SOCIOLOGY ROLL NUMBER WISE TOPICS

1. Influence of Mass Media on the youth
2. Consumer Awareness
3. Politics and Youth
4. Politics, Media & Youth
5. Sports and Politics
6. Challenges faced by Sportspersons
7. Sports and Youth
8. Sports & Youth - Competition & Sportsmanship
9. Importance of Physical Fitness
10. Mass Media & Role Stereotype
11. Peer and Parental Pressure
12. Music and Youth
13. Aspirations of Youth
14. Role of Arts in Academic Institutions
15. Race against Time
16. Women Today
17. Pursuit of Happiness
18. Attitude towards people with disabilities/ Attitude towards the disabled
19. Discipline and youth
20. Spirituality and youth
21. Influence of the West on the Youth
22. Impact of advertising on consumer behaviour

SUBJECT- COMPUTER SCIENCE

TASK 1:
1. Write a Python program to sum all the items in a list.
2. Write a Python program to get the largest number from a list.
3. Write a Python program to count the number of strings where the string length is 2 or more and the first and last character are same from a given list of strings. Sample List : ['abc', 'xyz', 'aba', '1221']
4. Write a Python program to remove duplicates from a list.
5. Write a Python program to generate and print a list of first and last 5 elements where the values are square of numbers between 1 and 30 (both included).

TASK 2:
1. Write a Python program to count the number of characters (character frequency) in a string.
Sample String : google.com'
Expected Result : {'o': 3, 'g': 2, '.': 1, 'e': 1, 'l': 1, 'm': 1, 'c': 1}
2. Write a Python program to get a string from a given string where all occurrences of its first char

have been changed to '$', except the first char itself.
Sample String : 'restart'
Expected Result : 'resta$t'

3. Write a method in python to display the elements of a list twice if it is a number and display the element terminated with'*' if it is not a number.

4. Write a user defined function findname(name) where name is an argument in python to delete phone number from a dictionary phonebook on the basis of the name ,where name is the key.

5. Write a program to input employee number and name for N employees and display all employees' information in ascending order of their employee number.

TASK 3:

1. Write an interactive menu driven program with the following four functions:
   (a) To create a text file called "Nation.txt"
   (b) Display the file
   (c) Append relevant content to the file
   (d) Make a copy of the file
   (e) Count the total number of "the" in the file

TASK 4:

1.A blood bank maintains data file "Blood.dat" that contains following information for every donor: donor name, donor date of birth, donor address, donor phone number and donor blood group. Write a complete program to do the following:
   a) Create a file of the donor
   b) Append a record in the file
   c) Display the records
   d) Given the blood group display name, address of the donor
   e) Modify the existing information of the donor

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<u>SUBJECT- MATHEMATICS</u>

Project: Do any one project(In form of PPT, 3D model, Chart, album etc)

Maths aerobics: A great fusion of Manipur dance form and maths functions.

#The random Fibonacci sequence.

#Leelavati : Life line of Indian mathematics history

#Wall of Indian mathematician

Maths lab Activities:(Do in maths lab manual)

Ref. Full marks Lab Manual

- To verify that the relation R in the set L of all perpendicular lines in a plane is symmetric but neither reflexive nor transitive.
- To verify that the relation R in the set L of all parallel lines in a plane is an equivalence relation.
- To find analytically the limit of a function f(x) at x = c and also to check the continuity of the function at that point.
- To draw a graph of sin inverse x using graph of sinx.

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SUBJECT- PSYCHOLOGY

1. Worksheet of Ch- 2 Self and Personality

2. Practical file work (report writing of three tests)

3. Revision of syllabus covered till date

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SUBJECT- PHYSICAL EDUCATION

1)Physical Fitness Test:SAI Khelo India test.

2)Proficiency in any game and sports. (Skill of any one IOA-Recognized sports/game of choice.

3)Yogic practice: Any two asanas ,contraindication and benefits.

4)Maintain all records in the record file (Lab Manual)

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"Art is the silent expression of thoughts, feelings, and experiences."

- Marilyn O

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