

SACRED HEART SR. SEC. SCHOOL, B.R.S NAGAR, LUDHIANA
HOLIDAYS HOMEWORK
JUNE 2026
XII SCIENCE

ENGLISH

Project Work: 10 marks for Mid Term and Final Board Exams

Viva will be conducted from the same project for 5 marks

Project file to be prepared.

12- 15 pages in a spiral file

Title Page: Name of the School

Session :2026-27

English Core (301)

Theme of the Project (Theme to be taken from any of the chapters/poems from the curriculum of Text books :Flamingo / Vistas)

Name of the chapter

Name, Class & section, Roll no.
teacher

Name of the subject

Page 1: Acknowledgement

Page 2: Certificate of completion

Page 3: Objective of the project

Page 4: Action plan

Pages 5-10: Interview-Based research/ /Script of One act play/ Essay/ Research based report (800-1000 words essay/Script/Report)

Pages 11-12: Relation with the Chapter/ Poem

Page 13: Student reflections

Page 14: Bibliography

If possible, Photographs that capture the positive learning experiences of the student(s).

Suggestions for Project Work:

- The Project can be inter-disciplinary in theme. The ideas/issues highlighted in the chapters/ poems/ drama given the prescribed books can also be developed in the form of a project. Students can also take up any relevant and age-appropriate theme.
- Such topics may be taken up that provide students with opportunities for listening and speaking.

PHYSICS

1. Write all 6 activities at the end of your practical file
2. Complete practical file with all the four experiments done in the lab
3. Make investigatory projects according to the topics given by the teacher
4. Each student has to make art integrated project for physics

HEADING: ART INTEGRATED PROJECT FOR PHYSICS

TOPIC: Draw a circuit diagram for a cell of emf E and internal resistance r connected to external resistance R and draw a graph between terminal potential difference V and current I , hence from the graph calculate slope

CHEMISTRY

1. Solve back exercise and solved problems of chapter Solutions, chemical kinetics and electrochemistry from NCERT
2. Each student has to make project and art integrated activity.

BIOLOGY

1. All the practicals covered should be written in the practical file
2. To make investigatory project and **Art Integrated Project (Topic: Diagram of Menstrual Cycle)**

MATHEMATICS

1. Write the following activities in your practical file (Vijay Publication).
Activity number: 1, 3, 5, 13, 16, 18, 20, 22, 26, 28.
2. Write activity 16 on separate activity sheet.
3. REVISE CHAPTER 1 TO 5. There will be a test of chapter 5 after vacations.

PHYSICAL EDUCATION

Practical -1. Physical Fitness Test (Brockport physical fitness test.)

Practical -2. Football and Basketball – History, Fundamental Skills, terminology and Labelled diagram of play field.

Practical -3. Five Yoga Asanas with procedure, benefits, and diagrams.

Project Files – Write 10 to 15 pages on A 4 Size Sheets the ICC 20-20 (2025) Women's Cricket World Cup that was held.

INFORMATICS PRACTICES

Consider the following tables Student and Stream in the Streams_of_Students database. The primary key of the Stream table is StCode (stream code) which is the foreign key in the Student table. The primary key of the Student table is AdmNo (admission number).

Adm No	Name	Stcode
211	Jay	NULL
241	Aditya	S03
290	Diksha	S01
333	Jasqueen	S02
356	Vedika	S01
380	Ashpreet	S03

Stcode	Stream
S01	Science
S02	Commerce
S03	Humanities

Write SQL queries for the following:

- a) Create the database Streams_Of_Students.

- b) Create the table Student by choosing appropriate data types based on the data given in the table.
- c) Identify the Primary keys from tables Student and Stream. Also, identify the foreign key from the table Stream.
- d) Jay has now changed his stream to Humanities. Write an appropriate SQL query to reflect this change.
- e) Display the names of students whose names end with the character 'a'. Also, arrange the students in alphabetical order.
- f) Display the names of students enrolled in Science and Humanities stream, ordered by student name in alphabetical order, then by admission number in ascending order (for duplicating names).
- g) List the number of students in each stream having more than 1 student.
- h) Display the names of students enrolled in different streams, where students are arranged in descending order of admission number.
- i) Show the Cartesian product on the Student and Stream table. Also mention the degree and cardinality produced after applying the Cartesian product.
- j) Add a new column 'TeacherIncharge' in the Stream table. Insert appropriate data in each row.
- k) List the names of teachers and students.
- l) If Cartesian product is again applied on Student and Stream tables, what will be the degree and cardinality of this modified table?

HINDUSTANI MUSIC VOCAL

*Make a project file for finals

*Topics:

1. Any five short notes.
2. Any one book from your syllabus.
3. Any two biographies.
4. All three ragas.
5. All three taals.
6. Taanpura.
7. Time theory of ragas.

BANKING

PROJECT FILE:

TOPIC : Day to Day Banking for a Common Man

- **INSTRUCTIONS:**

1. It is an individual project.
2. Use A4-size white sheets (one side ruled one side plain).
3. Paste coloured pictures related to the topic on the plain side of the page.

4. Use your creativity in decorating the project.
 5. The project should be hand written.
 6. Written content should be of at least 20-25 pages.
 7. Kindly show the project immediately after the summer vacations i.e. on 2 July and then get it spiral binded.
 8. Submit the spiral binded project latest by 7 July, 2026.
- Also learn Unit 2 – Innovations in Banking Technology for class test in the second week of July.

KATHAK

Prepare Kathak Practical File

Topics

- History of Kathak
- Gharans
- Famous Gurus ...Pandit Birju Maharaj Ji And Rajendra Gangani Ji
- Taal And Laya
- Rasas and Its Parts
- Teen Taal
- Toda/ Tukra/ Amad
- Jhap Taal
- Dadra Taal
- Keherva Taal
- Roopak Taal
- Costume and Makeup

FINE ARTS

NOTE: Following Topics should be done on Sheets.

PAINTING

1. One composition – Dance/Games (Half imperial sheet, Water colours)
2. One sheet -Work in your own style (Half imperial sheet, medium your choice)

APPLIED ART

1. One Illustration - (Size 22cm X 30cm)
2. One sheet - Work in your own style (Half imperial sheet, Medium of your own choice)

PSYCHOLOGY

Project Work: Case Profile on any one psychological disorder

1. Cover Page

- Title of the project [Name of Psychological Disorder]
- Student's name
- Class and roll number
- School name
- Submitted to: [Teacher's name]
- Academic year

2. Acknowledgment

- A brief note thanking the teacher, school, and any other individuals who helped in completing the project.

3. Certificate

- A formal certificate from the school/teacher verifying that the project is original and completed under supervision.

4. Index

- A list of contents with page numbers.

5. Introduction

- Brief explanation of what a psychological disorder is.
- Importance of studying psychological disorders.

6. Description of the Disorder

- Name of the chosen disorder (e.g., Depression, OCD, Schizophrenia, etc.)
- Definition and classification (as per DSM-5 or ICD-10)
- Causes (biological, psychological, social)
- Symptoms and diagnostic criteria
- Prevalence (age, gender, cultural factors)

7. Case Profile

- Name: (Can use a pseudonym)
- Age/Gender:
- Background Information: Family, education, occupation, social relationships
- Presenting Problem: What symptoms or behaviors led to concern
- History of the Problem: Duration, triggering events, previous treatments
- Psychological Assessment: Tests used (if any), clinical observations
- Diagnosis: Based on symptoms and criteria
- Intervention/Treatment Plan: Therapy or medication used
- Prognosis: Expected outcome or current status

8. Analysis and Discussion

- Interpretation of the case based on psychological theories
- What this case teaches about the disorder
- Ethical considerations in dealing with the case

9. Conclusion

- Summary of findings
- Student's learning and reflection

10. Bibliography

- Books, websites, articles referred to (in proper format)

11. Appendix (if applicable)

- Sample questionnaires, interview questions, or extra materials

FOOD NUTRITION AND DIETETICS

1. Completion of Practical File and Project (PPT Presentation).
2. One preserved food to be prepared.