



ST. FIDELIS COLLEGE, ALIGANJ, LUCKNOW

(Affiliated to Indian School Certificate Examinations, New Delhi)

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PROJECTS/ASSIGNMENTS (X)

1. ENGLISH LITERATURE

TOPICS:

- Summary of Act 3(3-4 pages)
- Comparison between the speeches of Antony and Brutus in Act 3 (2 pages)
- Significance of their speeches on the development of the play (2pages)

Presentation Guidelines

- Use neat handwriting.
- Use A4 size ruled sheets.
- Maintain margins.
- Use headings and subheadings.
- Decorate the cover page neatly.
- Attach relevant pictures/drawings.
- Number all pages properly.
- Acknowledgement
- Index
- Content

- Conclusion
- Bibliography

Cover Page

Include:

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Note: Date of submission July 1, 2026.

2. PHYSICS

- Complete your physics practical manual

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3. MATHEMATICS

MATHEMATICS PROJECT (DO ANY TWO)

1. GST and Its Calculation

***Objective*:** Understand how Goods and Services Tax (GST) is calculated and applied in real-life transactions.

***What to include*:**

- Brief introduction to GST
- Introduction of GST
- Evaluation of GST
- Salient features of GST
- Proposed benefits of GST
- Concerns regarding GST
- Structure of GST
- State Goods and Service Tax (SGST)
- Inter State Supply
- Intra State Supply
- Union Territory Goods and Service Tax (UTGST)
- Calculation of GST]
 - Examples of bills from restaurants, groceries, electronics
 - Break down the bill to show CGST and SGST
 - Show before-GST and after-GST price comparisons
 - Create 3-5 sample invoices and calculate GST manually
- **Presentation*:**
 - Include real printed or drawn sample bills
 - Use charts or tables to display rate comparisons

2. Data Handling Through Survey*

- ***Objective*:** Collect real-life data and use statistical tools to analyze it.
- ***What to include*:**

INSTRUCTIONS FOR THE PROJECT:

Take a Simple Register

Cover your project Registers with BLACK CHART PAPER and CELLOPHANE.(no other coloured chart paper is allowed)

All writing part should be only on Right side pages of the Register

All pictures, drawings and graphs related with different topics you will stick on the left hand side of your Register

Your project should be of 35 to 40 pages (not more than 40 and not less than 35 pages it should be within 35 to 40 pages).

Page numbering you will start from the page Introduction..... and you will continue till Conclusion.

On the cover page you will write on the top at the centre MATHS PROJECT, below that at the centre you will write you're TOPIC OF THE PROJECT and at the bottom right side you will write your NAME, CLASS SECTION & ROLL NUMBER

- Choose a topic (e.g., daily screen time of students, favorite subjects, sleep schedule)
- Survey 20–30 classmates
- Organize data in a frequency table
- Calculate *mean, median, mode*
- Represent data using *bar graphs, pie charts, histograms*

- ***Presentation*:**

- Include copies of your questionnaire
- Use colorful graphs and pie charts
- Draw conclusions from the data (e.g., most students sleep <6 hours)

3) HISTORY OF INDIAN MATHEMATICIANS

4) BANKING

- History of Banking
- Banking and Banks
- Function of Banking and Internet Banking
- Types of Bank accounts
- Saving Bank Account (opening of saving bank A/c, saving bank passbook, operating)
- Recurring Deposit account (find equivalent principal for one month, calculation of interest and maturity value with at least 3 examples)

Assessment sheet
Acknowledgement
Index

Your second last page will be of conclusion (in which you will conclude your topic and end your page numbering).

And the last page in your Math's project file will be of "Bibliography" in which you will write all the sources from where you have taken help for making your project possible. (Mention books you have referred to + writer and names of web sites visited etc).

Last date for submission 16th July 2026

4. BIOLOGY

Note: Complete the experiments in your practical book. Answer the following questions in your notebook

1. Transpiration

- Why do plants transpire more during hot and dry weather than during humid weather?
- A potted plant kept under a fan loses water faster than one kept in still air. Explain why.
- How does transpiration help in the upward movement of water in tall plants?
- If stomata of a plant are blocked with petroleum jelly, what effect will it have on transpiration and plant health?
- Why do desert plants have reduced leaves or spines? How does this adaptation help?
- A student observes more water droplets inside a polythene bag tied around a leafy branch than around a leafless branch. Analyze the reason.
- How does transpiration contribute to cooling of plants?
- What would happen to transpiration if a plant is kept in darkness for a long time? Give reasons.
- Why is excessive transpiration harmful to plants?
- Compare transpiration rates in plants with broad leaves and needle-like leaves. Explain the difference.

5. HISTORY AND CIVICS TOPIC: UNESCO WORLD HERITAGE SITES IN INDIA

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NOTE: Paste coloured pictures on each page related to the topic (interleaf pages)

- Headings and sub headings to be written with black sketch pen or coloured pen of your choice. Written work with blue pen.
- Picture frames and page borders should be drawn neatly with black pen or sketch pen. Each picture is to be labelled properly.

6. GEOGRAPHY: Choose Anyone Topics

1 Wildlife Conservation efforts in India

2 Development of Tourism in india

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7. COMPUTER

Programs to be written on the following topics

*Bubble sort (3 programs)

*Selection sort (3 programs)

*Linear search (3 programs)

*Binary search (3 programs)

*Write a program to input an array of 10 numbers and print the smallest number along with its position in the array.

*Write a program to input 10 characters in an array. Find and print the sum and average of the characters having odd ASCII code values.

Note: all the programs must be written along with variable description table.

HINDI: TOPICS FOR THE PROJECT

1. "किसी भी देश के विद्यार्थी उस देश के नव निर्माण तथा विकास का आधार स्तंभ होते हैं।" इस कथन के समर्थन में विद्यार्थियों के कर्तव्यों को निर्देशित करते हुए अपने विचार लिखिए।

2. 'अपना-अपना भाग्य' कहानी के लेखक का परिचय देते हुए बताइए कि इस का शीर्षक कितना सार्थक है?

3. सूरदास जी का जीवन परिचय देते हुए बताइए कि वे किस काव्यधारा के कवि थे और उन्होंने अपने पदों में भगवान कृष्ण के किस रूप का कैसा वर्णन किया है?

4. स्वैच्छिक विषय पर लेख (कविता, कहानी, प्रस्तावयानिबंध)।

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