ST. CONRAD'S INTER COLLEGE, AGRA
SUMMER HOLIDAY HOMEWORK FOR ACADEMIC SESSION 2024-25
CLASS – IX

ENGLISH PROJECT FOR CLASS IX

All work should be done in a project file.

File should be properly covered and neatly decorated.

The work should be done in proper sequence given below:

- Acknowledgement

- Index

- English Literature

    Summary of all the scenes of act 1 of the drama ' 'JULIUS CAESAR '

- English Language

    Write any one informal letter and one notice.

- Bibliography

Note:-Matter should be supported by the pictures from the internet

हिंदी परियोजना (Hindi Project)

1- निबंध (2)

2- पाठ्य पुस्तक साहित्य सागर की पढ़ाई गई किसी भी एक कहानी का सारांश तथा मुख्य पात्र   का चरित्र चित्रण कीजिए

3- साहित्य सागर की (द्वितीय पुस्तक)

 पद्य भाग में से पढ़ाई गई किसी भी एक कविता का भावार्थ तथा कवि का परिचय

History civics

Prepare a project of 35 pages in the practical file on any one of the topic

1. Harappan Civilization
2. Jainism and Buddhism

Last date for the submission:

15 July

Geography

Prepare a Project on loose sheets of 25 pages and attach in Milky File on any one topic given below:

1. Global warming

2. Sources of Pollution

PHYSICS HOLIDAY HOMEWORK

Do the numericals of exercise 2 A in the fair notebook .

Chemistry Holiday Homework
IX 2024-25
Make a project on the topic of ENVIRONMENTAL POLLUTION
The project will be divided into three parts
1. Acid Rain
2. Global warming
3. Ozone layer depletion
These topics should be completed under the following headings-
Causes, Effects and Remedies + Diagram and illustrations (coloured)

It is to be written in fair copy (2-3 pages per topic).

Biology – Complete the five practical experiments , with diagrams,explained in the class, in biology practical copy .

Computer Applications

Instructions: After trying the following programs on the System. Copy down the same in your classwork copy and you have to submit it latest by 10 th July.

Q1. WAP to accept three side of a triangle and check whether it can form a triangle or not. If it forms a triangle, check whether it is an acute-angled, Obtuse-angled or right-angled triangle.

(Hint: To form a triangle, each side should be less the other two sides.

To form an acute-angled triangle the square of every side should be greater than the sum of the squares of the other two sides.

To form a right-angled triangle the square of any side should be equal to the sum of the squares of the other two sides.)

Q2. WAP to find the gross salary of an employee for the following allowances and deductions. Use meaningful variables with the class name Employee and Basic Pay as input.

Dearness Allowance	25% of Basic Pay
House Rent Allowance	15% of the Basic Pay
Provident Fund	8.33% of the Basic Pay
Net Pay	Basic Pay + Dearness Allowance + House Rent Allowance
Gross Pay	Net Pay – Provident Fund

Q3. The 1st day of 2022 was Saturday, write a program to input any day number within the month of January and print which day was it. Also check whether the day number entered is a valid date or not.

For example,
        Input:
                Enter day number: 20
        Output: Thursday
        Input:
                Enter day number: 30
        Output: Sunday
        Input:
                Enter day number: 34
        Output: Invalid day number

SUPW –

Newspaper craft

Mathematics Holiday Homework

Class IX

INTERNAL ASSESSMENT

A minimum of two assignments are to be done during the year as prescribed by the teacher.

Suggested Assignments

- Conduct a survey of a group of students and represent it graphically - height, weight, number of family members, pocket money, etc.

- Planning delivery routes for a postman/milkman.

- Running a tuck shop/canteen.

- Study ways of raising a loan to buy a car or house, e.g. bank loan or purchase a refrigerator or a television set through hire purchase.

- Cutting a circle into equal sections of a small central angle to find the area of a circle by using the formula $A = \pi r^2$.

- To use flat cutouts to form cube, cuboids and pyramids to obtain formulae for volume and total surface area.

- Draw a circle of radius r on a ½ cm graph paper, and then on a 2 mm graph paper. Estimate the area enclosed in each case by actually counting the squares. Now try out with circles of different radii. Establish the pattern, if any, between the two observed values and the theoretical value (area = πr^2). Any modifications?

Note:

- ➤ **Select any two Assignment from above topics.**
- ➤ **Front Cover Page is of drawing file A4 size with School Name, Monogram, Mathematics Project, Your Name, Class, etc. is on front page in White.**

- ➤ **Headings**

   Acknowledgement, Index, Assignment one, Assignment two, Bibliography, Remarks, etc.
- ➤ **Total Number of pages not more than 14 pages.**
- ➤ **Use single line white interleaf A4 size pages.**
- ➤ **Sample of the Front Coverage is given below.**
- ➤ **Last date of Submission: 30.07.2024**