



DAV Public School, Madhepur

Holiday homework

Class-X

Maths

1. **Update fair copy.**
2. **Revise** all previous completed and current chapters.
3. **Project: Tangram** (as given in group).

Sanskrit

1. शब्दरूपाणि, धातुरूपाणि च स्मरन्तु।

English

OPTION 1: Author Study – Ruskin Bond / Rabindranath Tagore / R.K. Narayan

Contents:

- Introduction of the author
- Early life and education
- Major works ● Themes and writing style
- Famous quotes
- Why students like their stories
- Conclusion
- Pictures & bibliography

OPTION 2: Social Issue Through Literature – “The Story of Anne Frank”

Contents:

- About Anne Frank
- Her life during the war
- Themes in the diary
- Message to today’s youth

- Reflection: What we learn
- Creative addition: Letter to Anne Frank
- References

OPTION 3: Poetry Project – Nature in English Poems Suggested poets: William Wordsworth, Robert Frost, Sarojini Naidu, Rabindranath Tagore

Contents:

- Introduction to nature poetry
- About the poets
- Themes in the selected poems
- Poetic devices used
- Comparison of 2 poems
- Personal response
- Pictures / hand-drawn art

OPTION 4: Feminism in Literature Topics you can include:

- Introduction to feminism
- Women in Indian English literature
- Characters from Class 10 textbook (e.g., Anne Frank, Valli, Bholi)
- Challenges faced by women
- Equality in today's world
- Posters, slogans, conclusion

OPTION 5: Report on “Evolution of Communication – From Letters to Social Media”

Sections:

- Introduction
- Traditional forms (letters, telegrams)
- Modern forms (email, WhatsApp, video calls)

- Impact on language
- Advantages & disadvantages
- Future of communication
- Conclusion with images

FORMAT SUGGESTION (as per CBSE project guidelines)

1. Cover Page
2. Acknowledgement
3. Index
4. Introduction
5. Main Content (divided into headings & subheadings)
6. Pictures/illustrations
7. Conclusion
8. Bibliography.

Note:- Solve any two of the following.

Science

1. Physics

1. Verify **Ohm's Law** and draw its **circuit diagram**.
2. Write **usage of relative equipments of Ohm's Law** (e.g., Thermometer, Voltmeter, Ammeter, etc.).

2. Chemistry

1. What is the **difference between Ionic & Covalent bond**?
2. Draw **electron dot structure** of H_2 , Cl_2 , O_2 , NH_3 , PO_4 , CO_2 , CH_4 .

3. Bio (Biology)

- Draw the **diagram of Male & Female Reproductive System**.

Hindi

1. सुरदास के व्यक्तित्व एवं कृतित्व पर प्रकाश डालें। (Make file in 500 words)

Social Science (SST)

- **Civics:** Complete **fair note book**.
- **Geography:** Draw a diagram of **cropping pattern**.

- **History:** Make a **project** on chart paper on "**Jallianwala Bagh**".

- **Economics: Define -**
 1. **The Barter System.**
 2. **Double Coincidence of Wants.**