

Summer Holidays Homework

Class, 9 th A

Hindi-

(i) Learn and write question answer of "दो बैलो की कथा" and "ल्हासा की ओर" two times

(ii) Write 5 pages hand writing neat and clean.

Subject enrichment project- make assignment on " दो बैलो की कथा "

write about the biography of मुंशी प्रेमचंद and make the project according to scene wise.

(Make it in file at least 5-7 pages)

Mathematics

Solve *R.D Sharma* Questions of Chapter 1 (Number System) , Chapter 3 (Coordinate Geometry) and Chapter 10 (Herons Formula)

***Subject Enrichment Project* :**

Represent Square root of 2 to 10 by constructing a *Square Root Spiral* in a creative way .

Science :-

Physics -Study and make notes of chapter 1 (Motion) .

***Subject Enrichment Project* :**

Consider some situation from our daily life and Calculate Distance, Displacement, Speed, Velocity and Acceleration (Atleast 3 example from each)

Chemistry:-

Revise and learn all the questions and answers including NCERT section of chapter 1.

Subject enrichment: Prepare a project file on the molecular comparison of the different states of matter.

-Biology- learn chapter 1(All questions with diagram)

Subject enrichment project:-Draw diagram of all cell

Organelles , plant and animal cell two times in fair copy.

English:-

Do the practice of writing short notes and paragraphs daily .Read & frame answers of next chapter with your own mind by avoiding Grammar errors.

Revise Tense and frame sentences.

Subject Enrichment :

Write about ' Bismillah Khan' in detail and paste pictures too.

SOCIAL SCIENCE:-

Revision of

1. Economics (chapter 1 and 2)
2. Map practice of geography (chapter 1)
3. Civics (chapter 1)

Subject Enrichment :- project on natural and human made disaster and disaster management with charts, map and photos.

Multidisciplinary project Topics

Topic – Changing face of India

English:-Write an eassy on the Changing face of India with picture.

Hindi:- Changing face of India (भारत की बदलती तस्बीर)

You all have to

write about them in A4 size paper and paste pictures related to it.

Mathematics:-

1)Population growth over the decades

collect population data of India 1951 to 2021(census year),Represent it using bar graph , Find percentage increase in each decade .

2.Urbanisation and area

compare land use in 1950 VS now.

***Agriculture land**

***Urban areas**

***forest cover**

Use pie chart to show data distribution

3) literacy rate and Education

Use tables and bar graphs to show literacy rate increase why gender and state

calculate mean mode median of literacy rate across selected states .

4)Smart cities and infrastructure

Choose 3 cities from the smart cities list

Compare population density(people per square metre)

Area covered before and after development

use ratio and percentage to show change.

(Prepare any 3)

Science:-

Topic : Changing face of India

Agriculture

Biology : Explain Different cropping pattern .

Physics : Explain about Agricultural Machinery and Technology & Their Usage in Agriculture.

Chemistry: Explain about manure and fertilizer

.Social studies:-

Economics -Economic Development from 1947 to 2024 (India Focused)

- 1. 1947–1965: Early Independence and Planned Economy**
- 2. 1965–1980: Challenges and Green Revolution**
- 3. 1980–1990: Signs of Liberalisation**
- 4. 1991–2000: Economic Liberalization**
- 5. 2000–2010: Rapid Growth and Global Integration**
- 6. 2010–2020: Mixed Performance**

Civics-

Democratic Development in India

- 1. Adoption of Constitution**
- 2. Regular Elections**
- 3. Multi-party System**
- 4. Universal Adult Franchises**
- 5. Independent Judiciary**
- 6. Role of Election Commission**

History-

Before Independence (Pre-1947)

1. Diverse and Rich Traditions

2. Colonial impact

3. Cultural Renaissance

4. Struggle for Identity

After Independence (Post-1947)

1. Cultural Revival and Protection

2. Promotion of Diversity

3. Cinema and Media Growth

4. Modernization and Global Influence

5. Challenges and Preservation