**Holiday homework**

**class 10**

**English**:

Project:Apartheid Movement-Nelson Mandela

Read the Chapters of your Course books[Both literature n supplementary]

Practice grammar exercises from book

**Art integrated project:**

Literature and Art of Arunachal Pradesh

**Hindi**

**\*हरिहर काका पाठ** को पढ़कर उसके प्रमुख बिंदुओं पर पीपीटी बनाना

समाचार पत्रों या विभिन्न हिंदी की मैगजीन में छपे विभिन्न वस्तुओं के \*किन्हीं पांच विज्ञापनों को काटकर अपनी व्याकरण की पुस्तिका में चिपका इए।

\*किसी पर्वतीय क्षेत्र का यात्रा वृतांत अपने शब्दों में लिखिए।

\* **प्रोजेक्ट वर्क:** उगते सूरज की भूमि\* नाम से जाना जाने वाला राज्य अरुणाचल प्रदेश का सचित्र विस्तृत परिचय दीजिए।

**Mathematics**

1. Solve again first periodic test paper in notebook.

2. Frame 20 MCQ’S from taught chapters.

3. Make a colourful spider webs for linear equations in two variables x-y=0, x+y=0, 2x+y=0, 2x-y=0, x-2y=0, x+2y=0 on big graph paper and stick in notebook.

4. Make innovative working model on coordinates geometry.(Take help from YouTube).

5. Make a project on different methods of solving linear equation in two variables.( On punch paper and submit in file folder).

6. Make a 1-2 min video to explain the practical applications of any one topic from real numbers/ polynomials/pair of linear equation in two variables/ coordinates geometry.

**Art integrated project:**

Analysis of demographics of Arunachal Pradesh.

***Project indicators for analysis:***

*1. Total population (Bargraph).*

*2. Male female ratio(Bargraph)*

*3. Population by rural and urban (Bargraph)*

**Physics**

1. Read chapters light & humun eye colourful world.

2. Frame 20 MCQ’S from each chapters & do it in the notebook.

3. Make a working model of human eyes.

4. Draw neat ray diagrams for each position of the object for image formation by concave and convex mirror on chart paper

5. Prepare a video to show any of process reflection or refraction in real life by using object.

\***BIOLOGY**\*

\*\*Read chapters Life Processes and Control and coordination.

\*\*Frame 20 MCQs from each chapter and do in biology notebook.

\*\*Solve all exercises and do question answers of ncert book.

\*\*Make a PPT on working of human heart and excretory system.

\*\*Make a working model related to your syllabus.

\*\*Prepare a survey report on those people who are suffering from heart and kidney diseases.

\***CHEMISTRY**\*

\*\*Read chapters Acids, bases and salts and Metals and non metals.

\*\*Write chemical properties in chemistry notebook.

\*\*Frame 20 MCQs from each chapter.

\*\*Prepare a video on acids, bases and salts

\*\*)Collect different samples of metals and non metals and compare their physical properties.

\*\*Set up an activity to show that metals are good conductor of electricity.

**Art integrated project:**

Prepare a project file on punch paper and write about characteristics of birds and animals which are commonly found in Arunachal Pradesh. Paste related pictures.

**Social science**

**1) prepare a project file on anyone of the following topics-a) sustainable development ,or b)social issues or c)consumer awareness.**

**2) map work- history -Paste political map of India in your notebook and locate the following places of Indian national congress sessions-**

**A )calcutta September 1920 b) Nagpur December 1920 c) Madras 1927 important centres of Indian national movement a)champaran (Bihar) movement of Indigo planters**

**b)khera( Gujarat) Peasant Satyagraha c)Ahmedabad (Gujarat) cotton mill workers satyagraha d) Amritsar ( Punjab) jallianwala bagh incident e) Dandi Dandi march .**

**Map (Geography) locate the following dams on the political map of India 1.Salal. 2.Bhakra Nangal 3. Tehri 4. Sardar sarovar 5.Rana pratap sagar 6. Hirakud 7. Nagarjuna sagar 8.Tungabhadra.**

**Read chapter 2 of history , Geography economics and civics and frame 20 mcqs from each chapter and write answers in your notebook.**

**Art integrated project:**

Natural vegetation and wildlife of Arunachal Pradesh.

**Information Technology**

1.Make presentation on “Methods of communication”.

**2.**Make a poster on the “The 7 c’s of communication skills” i**n Ms – Word.**

**Art integrated project:**

Make a power point presentation on Information Technology using in Arunachal Pradesh collect data and pictures from Internet.