

**DAV POLICE PUBLIC SCHOOL, JHAJJAR**

**Holidays Homework**

**Class: 10th**

**Session: 2022-23**

Dear students

Learning is the beginning of wealth.

Learning is the beginning of health.

Learning is the beginning of spirituality.

Searching and learning is where the miracle process all begins.

**English:**

**1) Listening skill**

- Listen English news daily for 15 minutes

**2) Speaking skill**

- Read lesson 1 to 3 of First Flight and footprints without feet.

**3) Do practice speaking the difficult words in the lesson correctly to make your tongue habitual of the twist during speaking.**

**4) Reading skill**

- Read English newspapers or story books of English.

**5) Writing skill**

- Listen English news daily and write and learn 2 new words daily. Try to use the words in your talk to improve your vocabulary.

**6) Questionnaire Making**

- How to do: Prepare 15 multiple choice questions from the story

a) Longwalk to Freedom

b) His first Flight (NCERT Book)

**Where to do: In fair notebook**

**7) Write speech on the following topics**

- Role of grandparents
- Role of Discipline in student's life
- Save Electricity
- Pleasure of reading

## 8) Learning work

Learn question answers of lesson 1 and 2(both books) thoroughly.

## 9) Creative work

Prepare a beautiful chart on any topic of Grammar. Use your creativity and your own idea to present the topic on the chart. It should be creative, colourful and appealing.

Maintain a diary and write down your activities of at least 10 days ( how you spend your day.....what you did.....games.....study).

### COMPUTER

- 1) I.T. Holidays homework: Prepare an assignment on unit 1 (digital documentation advanced)
- 2) Prepare an assignment on unit -2 (Electronics spreadsheet advanced)
- 3) Learn unit -1 and unit- 2

## हिंदी

### अनुच्छेद लेखन

- 1) डिजिटल इंडिया
- 2) विज्ञापन की दुनिया
- 3) मेक इन इंडिया
- 4) कोरोना वायरस एक महामारी

### पत्र लेखन

- 1) अपने क्षेत्र में नियमित बस सेवा से उत्पन्न असुविधाओं का उल्लेख करते हुए परिवहन मंत्री को पत्र लिखकर व्यवस्थित बस सेवा के लिए अनुरोध कीजिए।
- 2) विद्यालय में योग शिक्षा के महत्व को बताते हुए किसी समाचार पत्र के संपादक को पत्र लिखिए।
- 3) अपनी गलत आदतों का पश्चाताप करते हुए अपनी माताजी को पत्र लिखिए और उन्हें आश्वासन दिलाइए कि फिर ऐसा न होगा।
- 4) आपके प्रिय मित्र का किसी से झगड़ा हो गया आपको लगता है कि गलती आपके मित्र की है अतः उसका मार्गदर्शन करते हुए पत्र लिखकर उसे उचित सलाह दीजिए।

### विज्ञापन लेखन

- 1) पर्यावरण के प्रति जागरूकता बढ़ाने के लिए लगभग 50 शब्दों में एक विज्ञापन बनाइए।
- 2) स्वास्थ्य को ठीक रखने के लिए पौष्टिक भोजन पर एक विज्ञापन बनाइए।

### संदेश लेखन

- 1) हिंदी दिवस के अवसर पर हिंदी दिवस का महत्व बताते हुए लगभग 40 शब्दों में मित्र को शुभकामना संदेश लिखिए।
- 2) शिक्षक दिवस के अवसर पर शिष्य द्वारा शिक्षक को लगभग 40 शब्दों में शुभकामना संदेश लिखिए।

## एक्टिविटी

- 1) डिजिटल इंडिया अभियान क्या है ? इसका क्या उद्देश्य है ? भारत की तकनीकी समृद्धि में इसकी क्या उपयोगिता है ? इस संबंध में एक्टिविटी बनाइए ।
- 2) डिजिटल इंडिया पर पाँच स्लोगन लिखिए ।

**( कैसे करें – सुंदर लेख में रंगीन चित्रों के साथ चारों तरफ ट्विटर लोगो बनाएं )**

मूल्यांकनबिंदु- विषयवस्तु, स्वनिर्मित स्लोगन

निर्माण कुशलता, प्रस्तुती व लेख, आकर्षक

ट्विटर लोगो निर्माण।

## SCIENCE

Q1. Prepare a model on any human system, brain, control and coordination.

Q2.Prepare a project report on any one topic given below

- 1) Environment pollution
- 2) Control and coordination
- 3) Heart diseases
- 4) Endocrine system
- 5) Common salt and some chemical compounds prepared using it.

Q3. Do on A4 size paper

- 1) Monohybrid cross
- 2) Dihybrid cross
- 3) Carbon and it's compounds
- 4) Homologous series

Q4. Learn chapter- our environment, acids bases and salts, chemical reaction and equation.

## MATHEMATICS

- 1) Write and learn all formulas from book.
- 2) Write and learn square and square roots from 1 to 30.
- 3) Write and learn cube and cube roots from 1 to 30.
- 4) Write and learn all algebraic identities.(only useful for 9<sup>th</sup> and 10<sup>th</sup> )

### **Activity:**

- 1) Find short tricks for square, square roots, cube, and cube roots.
- 2) Solve all theorems of ch6 lines and angles and ch7 triangles of class9.

### **Project Work:**

- 1) Make a formula chart.
- 2) Make a chart on great Mathematicians and their inventions.

**Assignment:**

- 1) Solve Example of ch 1, ch2 ,ch3, ch4, and ch8.
- 2) Solve 5 questions on Relationship between Zeros and Coefficients of a polynomial.
- 3) Solve 5 questions of the following i) Substitution method ii) Elimination Method iii) Cross multiplication method.
- 4) Prove Trigonometric identities.
- 5) Prove Trigonometric Ratios of  $0^\circ$ ,  $30^\circ$ ,  $45^\circ$ ,  $60^\circ$  and  $90^\circ$ .

**SOCIAL SCIENCE**

- 1) Prepare a project in one of the following topics-
  - a) Rainwater harvesting
  - b) Physical features of India
  - c) Formation of Soil
  - d) Types of soil in India
- 2) Prepare a scrapbook on the famous freedom fighters of India.
- 3) Prepare picture book on different types of soil found in India, detailing its features , types of trees found, wild life and regions. (use only one or two photos for one type each)
- 4) Make a report on the negative effect of industrialization and urbanization on river Ganga (500 words)
- 5) Share ways to keep yourself healthy and hygienic with at least 10 people

OR

Write any 5 ways to reduce the wastage of resources .You can also draw or paste pictures on an A4 size sheet.

- 6) Prepare an assignment on consumer awareness (10-11 pages)
- 7) Find out how pollution depleting our national monuments. List some ways to protect Our national monuments. Also paste the picture to show the damage caused on monuments by humans.
- 8) Answer the following questions-
  - a) Mention the different classification of resources .
  - b) Describe the formation of soil with factors affecting the formation of soil.
  - c) What are the different types of forest found in World? Explain each with examples.
  - d) What is multipurpose river projects ? Explain the positive and negative effects of these projects ?.
  - e) Write a report on Agenda 21.
  - f) What is rain water harvesting ? Mention the techniques practiced in Rajasthan for the rain harvesting ?
  - g) Mention the role of soil in agriculture.
  - h) What are the steps taken by forests communities to protect forests in India ?
  - i) What is the importance of wildlife. Explain the classification of wildlife ?
  - j) What is a Johad and mention its importance ?
  - k) How government policies affects the land use pattern in India ?