

Doon Public School

A New Generation Sr. Sec. School | Recognised & Affiliated to CBSE
Sector 21, Panchkula - 134112 (Haryana)



SUMMER BREAK ASSIGNMENTS

SESSION : 2026 - 2027

Class – X

Doon Public School

Dear Doonite Families,

A. A. Milne, in his 1926 classic, "Winnie the Pooh," wrote, "Piglet noticed that even though he had a very small heart, it could hold a rather large amount of gratitude." Our little pink friend was grateful for the richness he had in his life; great friends, a warm place to sleep and a few tasty "haycorns" to eat.

As we break for the summer holidays, we want to take a moment to express our heartfelt gratitude to all who help make Doon Public School an amazing place to be. We Doonite families are a community with many gifts and talents, which we share daily with one another and most important, our students. From our living room, to the classroom, and all points in-between, our collective efforts are to raise the whole child. We are a community filled with passion, commitment and a willingness to make decisions that may be hard in the present, but will have a positive and lasting influence in the future for all. Parents play a very critical role in what we envision to accomplish on behalf of our Doonite scholars. You are adeptly doing what we know firsthand is the firmest, most rewarding and blissful job of all. We are grateful to you for entrusting us with your most precious gift.

We are appreciative to our wonderful, creative, talented, optimistic, resourceful, inquisitive, and resilient students. Often, they make us laugh, occasionally they make us cry, nonetheless always they make us contemplate. On the whole, they make us better. In the essence of this holiday season, we extend our fervent wish that each of you receives and returns the seasonal abundance of blessings and good tidings that make these days truly special.

Education offers us all a number of amazing occasions to focus on abundant small things that accrue overtime to produce students that are prepared to do greater things in life. Eventually, as a collective community, we are judged by the actions of our student body as a whole and the system new students' learning connects and impacts the world beyond our school. At our school, we are devoted to inculcating the arts into our academic curriculum as we believe that we learn better with and through an artistic approach.

With this approach as our core vision and philosophy, we are sure you will understand the higher value of the summer tasks we are sharing with our Doonites and their families to inculcate artistic approach into our curriculum and develop the whole child and not just above the neck.

We believe the true meaning of this holiday season is best expressed through the faces of our children. They radiate a sense of untainted hope, unabashed joy for life and unbridled enthusiasm, and the prospects that await them.

To the parents and friends of Doonite community, please have a safe and joyous holiday season.

With Regards,
Team Doon

Doon Public School

INTER DISCIPLINARY PROJECT

Theme: Golden Trends - 30 Years of Gold & Silver Prices in India

Task: Prepare a PowerPoint presentation on how gold and silver prices in India have changed over the last 30 years. Your PPT should cover the trends, reasons for price changes, and why gold & silver matter to India's economy.

General Instructions:

- PPT should be 8-10 slides only.
- Use simple language, charts, and pictures.
- Each subject must have 1-2 slides.
- Submit on the first day after vacation.
- Submit your PPT in a pen drive with the name slip on it
- No two ppt's should be same. Each student should research individually.

English

Write

- An **Introduction Slide** explaining the importance of **gold and silver in Indian culture and economy**.
- A **short report** of 150-200 words. {Include economics words like inflation, investment, commodity, and volatility in your report}
- A **concluding paragraph** on future predictions.

Mathematics

- Collect and Represent Data (table showing year-wise prices)
- **Draw Line Graph** to show prices trends over the years and **Bar Graph** to compare decade-wise growth of prices.
- Also Calculate the following using the collected data
 - Percentage increase in prices over 30 years.
 - Average annual growth rate.
 - Difference between highest and lowest prices.
 - Identify: Year with highest price and year with lowest price.

Science	Explain: <ul style="list-style-type: none"> ➤ Physical and Chemical properties of Gold (Au) and Silver (Ag). ➤ Mining process and its impact on environment.
Social Science	Explain: <ul style="list-style-type: none"> ➤ Why Indians invest in gold. ➤ Role of gold in Indian weddings and festivals. ➤ Impact of inflation and global events (e.g., financial crisis, pandemics). ➤ Government policies (import duty, GST impact). ➤ Compare: Gold as investment vs. Fixed Deposits vs. Real Estate.
Hindi (not a part of PPT)	<p>अनुच्छेद लेखन(150 शब्द)- “भारत में सोने का सांस्कृतिक महत्व” अर्थ व्यवस्था पर आधारित पाँच संदर्भ(context) लिखें-“चाँदी के बढ़ते दाम और आम जनता”</p> <p>सामान्य निर्देश -</p> <ul style="list-style-type: none"> • कार्य 4-5 पृष्ठों में A4 शीट पर करें। • कार्य को सुंदर तरीके से सजाएँ। कवर पेज, चित्र और अलग-अलग भाग स्पष्ट रखें। • कार्य अपनी सोच ,रचनात्मकता और अपने शब्दों में करें।

INDIVIDUAL PROJECTS/PRACTICALS	
Mathematics	Lab Manual- Write the activities -: 2,3,6,8,11,12,14,15,16 and 20 in your Lab Manual.
Science	Lab Manual - Write the following experiments in the respective lab manuals: Chemistry: Experiment No. 1 & 2 Physics: Experiment No. 3, 4 & 5 Biology: Experiment No. 1 & 2
Social Science	Every student must undertake a project on <u>any one</u> of the following topics:

1. **Consumer Rights** (Focus on consumer rights, duties and exploitation)

OR

2. **Social Issues** (Such as gender discrimination, poverty or caste issues)

OR

3. **Sustainable Development** (Global goals, environmental conservation and India's role)

Project Structure (Sequence of Pages):

Your project should follow this exact order-

- Cover Page
- Certificate
- Acknowledgement
- Index/Table of Contents
- Introduction
- Main Content (10-15 pages)
- Conclusion
- Bibliography

Formatting Instructions:

- The entire project must be handwritten neatly on A4 size sheets.
- Use the blank side of the sheet for relevant photographs, hand-drawn diagrams, maps or data charts.
- Use a simple, neatly bound folder. Avoid expensive plastic covers; prefer eco-friendly materials.

Punjabi

ਹੇਠਾਂ ਲਿਖੇ ਵਿਸ਼ੇ ਤੇ ਪ੍ਰੋਜੈਕਟ ਤਿਆਰ ਕਰੋ।

ਪ੍ਰੋਜੈਕਟ ਦਾ ਵਿਸ਼ਾ - 'ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਅਤੇ ਵਿਰਾਸਤ'

ਨਿਰਦੇਸ਼:

- ਕਵਰ ਪੇਜ - ਪ੍ਰੋਜੈਕਟ ਦਾ ਸਿਰਲੇਖ, ਆਪਣਾ ਨਾਂ, ਜਮਾਤ, ਰੋਲ ਨੰਬਰ ਦਰਜ ਕਰੋ, ਕਵਰ ਪੇਜ ਨੂੰ ਰੰਗਾਂ ਜਾਂ ਸੱਭਿਆਚਾਰਕ ਚਿੱਤਰਾਂ ਨਾਲ ਸਜਾਓ
- ਸੂਚੀ (Index) - ਸਾਰੇ ਭਾਗਾਂ ਦੇ ਨਾਂ ਕ੍ਰਮਵਾਰ ਲਿਖੋ, ਹਰ ਭਾਗ ਦੇ ਸਾਹਮਣੇ ਪੰਨਾ ਨੰਬਰ ਦਰਜ ਕਰੋ।
- ਜਾਣ - ਪਛਾਣ

- ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਦੀ ਸੰਖੇਪ ਜਾਣਕਾਰੀ ਦਿਓ।
- ਪੰਜਾਬ ਦੇ ਲੋਕਾਂ ਦੀ ਜੀਵਨ-ਸ਼ੈਲੀ ਬਾਰੇ ਦੱਸੋ।
- ਸੱਭਿਆਚਾਰ ਅਤੇ ਵਿਰਾਸਤ ਦੀ ਮਹੱਤਤਾ ਦਰਸਾਓ।
- ਰਿਵਾਜ ਅਤੇ ਤਿਉਹਾਰ
- ਪੰਜਾਬ ਦੇ ਪ੍ਰਮੁੱਖ ਤਿਉਹਾਰਾਂ (ਜਿਵੇਂ ਲੋਹੜੀ, ਵੈਸਾਖੀ ਆਦਿ) ਬਾਰੇ ਲਿਖੋ।
- ਵਿਆਹ ਅਤੇ ਹੋਰ ਸਮਾਜਕ. ਰਿਵਾਜਾਂ ਦਾ ਸੰਖੇਪ ਵਰਣਨ ਕਰੋ।
- ਕਿਸੇ ਇੱਕ ਤਿਉਹਾਰ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਜਾਂ ਮਹੱਤਤਾ ਵੀ ਦਰਸਾਓ।
- ਪਹਿਰਾਵਾ ਅਤੇ ਭੋਜਨ
- ਪੰਜਾਬ ਦੇ ਰਵਾਇਤੀ ਪਹਿਰਾਵੇ (ਮਰਦਾਂ ਅਤੇ ਔਰਤਾਂ) ਬਾਰੇ ਦੱਸੋ।
- ਪ੍ਰਸਿੱਧ ਪੰਜਾਬੀ ਭੋਜਨਾਂ ਦੇ ਨਾਂ ਅਤੇ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ ਲਿਖੋ।
- ਖਾਣ-ਪੀਣ ਅਤੇ ਪਹਿਰਾਵੇ ਦਾ ਸੱਭਿਆਚਾਰ ਨਾਲ ਸੰਬੰਧ ਵੀ ਦਰਸਾਓ।
- ਲੋਕ ਨਾਚ ਅਤੇ ਗੀਤ
- ਭੰਗੜਾ ਅਤੇ ਗਿੱਧਾ ਬਾਰੇ ਸੰਖੇਪ ਜਾਣਕਾਰੀ ਦਿਓ।
- ਲੋਕ ਗੀਤਾਂ (ਬੋਲੀਆਂ, ਟੱਪੇ ਆਦਿ) ਦੇ ਪ੍ਰਕਾਰ ਲਿਖੋ।
- ਕਿਸੇ ਇੱਕ ਨਾਚ ਜਾਂ ਗੀਤ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਦਰਸਾਓ।
- ਸਿੱਟਾ - ਪੂਰੇ ਪ੍ਰੋਜੈਕਟ ਦਾ ਸਾਰ ਲਿਖੋ, ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਦੀ ਮਹੱਤਤਾ ਦਰਸਾਓ।

ਮਹੱਤਵਪੂਰਨ ਹਦਾਇਤਾਂ:

- ਪ੍ਰੋਜੈਕਟ ਘੱਟੋ-ਘੱਟ 8-10 ਪੰਨਿਆਂ ਦਾ ਹੋਵੇ।
- ਪ੍ਰੋਜੈਕਟ ਸਾਫ਼-ਸੁਥਰੀ ਅਤੇ ਸੁੰਦਰ ਲਿਖਾਈ ਵਿੱਚ ਹੋਵੇ।
- ਜਿੱਥੇ ਸੰਭਵ ਹੋਵੇ, ਚਿੱਤਰਾਂ, ਰੰਗਾਂ ਅਤੇ ਸਜਾਵਟ ਦਾ ਉਪਯੋਗ ਕਰੋ।
- ਹਰ ਭਾਗ ਨਵੇਂ ਪੰਨੇ ਤੋਂ ਸ਼ੁਰੂ ਕਰੋ।
- ਕੰਮ ਆਪਣੀ ਲਿਖਤ ਵਿੱਚ ਕੀਤਾ ਜਾਵੇ।

Sanskrit

ਗ੍ਰੀਸ਼ਮਾਕਾਸ਼ੇ ਭਵਤਾਂ ਕ੍ਰੁਤੇ ਸੰਸਕ੍ਰੁਤਵਿਐਸਯ ਪਰਿਯੋਜਨਾ-ਕਾਰਯ ਨਿਰਧਾਰਿਤਮ੍ ਅਸ੍ਤਿ।
ਵਿਦ੍ਯਾਰਥਿਨ: ਸ੍ਵਸ੍ਯ ਰੁਚਿਨੁਸਾਰ ਅਧੋਲਿਖਿਤੇਬੁ ਵਿਐਸੇਬੁ ਏਕੰ ਵਿਐਯੰ ਚਯਨੰ ਕ੍ਰੁਤ੍ਵਾ
ਸੁਨ੍ਦਰੰ ਹਸ੍ਤਲਿਖਿਤੰ ਪ੍ਰੋਜੇਕਟ-ਕਾਰਯ ਨਿਰਮਨ੍ਤੁ ।

ਵਿਐਯਾ: (ਕੋਓ ਏਕ)

- ਪਰਯਾਵਰਣ ਸੰਰਕ੍ਸ਼ਣਮ੍
- ਯੋਗਸ੍ਯ ਮਹ੍ਤਮ੍
- ਭਾਰਤੀਯ ਸੰਸਕ੍ਰੁਤਿ:
- ਸੁਭਾਐਤਾਨਿ
- ਸੰਸਕ੍ਰੁਤਭਾਐਯਾ: ਮਹ੍ਤਮ੍

परियोजनाया: आवश्यक-अङ्कानि

- आवरण पृष्ठम् (Cover Page)
- अनुक्रमणिका (Index)
- विषय परिचय:
- चित्राणि / सज्जा

Information Technology

Instructions:

Write the following Practical in your Practical file.
Paste or draw output with each practical.
Cover the practical file with white chart.

Practical-1: Write the steps to consolidate data of two sheets given below in third sheet of Open Office Calc.

Name	June Salary	Name	June Salary
Amit	1200	Amit	900
Sumit	1000	Sumit	1100
Naina	1500	Naina	1300
Suman	1300	Suman	1200
Kamal	1400	Kamal	1250

Practical -2: Write the steps to create scenario (Best, medium and Worst case) in Open Office Calc along with the screenshot of the Output.

Car Detail	Cost Price	No. of Cars	Sales Value	Profit	Profit % age
Car 1	65000	5	100000	35000	53.85
Car 2	75000	2	150000	75000	100.00
Car 3	70000	2	85000	15000	21.43
Car 4	80000	10	95000	15000	18.75

(profit= profit/cost price *100)

Practical-3: Write the steps to use Goal seek along with the screenshot of the Output. (Question-9 , page no 312)

Practical-4: Create a worksheet of students' marks and apply the Subtotal feature class-wise in LibreOffice Calc.

**Physical
Activity
Trainer**

Instructions:

- Write the following practicals in your practical file of Physical Education.
- Cover the practical file with white chart.
- Write the heading with black pen.

Practical File:

You are the head boy/girl of your school. School administration has given you the duty to execute an assemble Program on the topic 'SELF DISCIPLINE AMONG STUDENTS'. Organise the assembly with the following points:

- (i) Time, Day and Date
- (ii) Morning prayer
- (iii) News
- (iv) Thought of the day
- (v) Activities that will be conducted like- play, dance, song, games, speech, mime etc.
- (vi) Closing Remark
- (vii) National Anthem
- (viii) Dispersal

**Banking and
Insurance**

PART A: Suggested Topics for Project Work (Choose One)

1. Various Utility Services Provided by Banks
 - Study services like ATM, Internet Banking, Mobile Banking, RTGS, NEFT, UPI, etc.
 - Explain how these services are used and their benefits.
 - Collect and include brochures or forms, if available.
2. Types of Bank Deposits and Loans
 - Describe types of deposits: Savings, Current, Fixed, Recurring, etc.
 - Explain types of loans: Personal, Home, Education, Business, etc.

- Use examples and collect loan application forms if possible.

PART B: Instructions for Project Work

Structure of the Project:

- (i)** Introduction - What is your topic about?
- (ii)** Identification of Core & Advance Issues - What specific services/deposits/loans did you study?
- (iii)** Learning & Understanding - What did you learn from this study?
- (iv)** Observations - What did you observe while preparing this project?

Presentation Tips:

- Keep your work neat, organized, and creative.
- Use diagrams, forms, visuals, or real examples wherever possible.
- Make sure your file or PPT is complete and clearly structured.
