

Doon Public School

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



SUMMER BREAK ASSIGNMENTS

SESSION: 2024 - 2025

Class – XI (Humanities)



Dear Doonites,

🌻 As we head into the summer vacation, we would like to encourage you to make the most of this time for both relaxation and enrichment.

🌻 While it's essential to take a break and recharge, it's also an opportunity to engage in activities that stimulate your mind and foster personal growth.



📖 **Stay Academically Engaged:**

Read books that interest you or are part of your upcoming curriculum. Review and practice subjects, you find challenging to stay sharp.

🧑🚲 **Stay Physically Active:**

Engage in sports, outdoor activities or regular exercise.

Avoid spending too much time on screens; balance with physical activities.

🧑🔍🧑🔧 **Develop New Skills:**

Learn any new hobby or skill such as cooking, gardening, coding, or playing an instrument.

🏠😊 **Maintain a Routine:**


Keep a consistent sleep schedule to avoid disrupting your body clock.

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 Stay connected and spend quality time with your family and friends. Create memories, share stories, and cherish these moments together.


 **Mental Well-being:**


Take time to relax and unwind; practice mindfulness or meditation.

 Moreover, Vacation work has also been planned for you to explore during the break.



 Remember, the purpose of this assignment is not to add stress to your vacation but to encourage you to engage in activities that are meaningful and fulfilling.

 The work is designed to be enjoyable yet thought-provoking, helping you to continue learning outside the classroom. Remember, learning doesn't stop when school is out!

 Take some time to review your notes from the past months. Reflect on what you've learned, your strengths, and areas where you can improve.

 Set some goals for the upcoming Periodic Assessment, based on your reflections.

 Have a wonderful holiday, and do collect your experiences, reflections, and any new insights gained during this time.

Last but not the least, celebrate and reflect upon several significant days falling during the Vacation time.



World Environment Day (June 5th):

Remind yourself the responsibility to protect and preserve our environment. Engage in activities that promote sustainability, such as planting trees, reducing waste, and conserving energy. Small actions can have a big impact on our planet's health.



Father's Day (June 16th):

Honour and appreciate the fathers and father figures in your lives. Use this day to express your gratitude and love. A simple gesture, a heartfelt message, or spending quality time together can make this day memorable.



International Yoga Day (June 21st):

Maintain physical and mental well-being through yoga. Take some time to practice yoga, learn new poses, and meditate. Share the experience with your family and friends, and explore how yoga can bring peace and balance to your daily life.

Following these guidelines will help you ensure a balanced, productive, and enjoyable summer vacation.

Team Doon looks forward to hearing about your experiences when we return to school.

Wishing you all a fantastic and rejuvenating summer vacation!



Project Work

This document contains the Holiday Homework for all streams of class XII. Students are required to complete the projects for the subjects they have chosen.

English

1. Research on the Egyptians civilizations -with particular reference to Tut's Mummy and its discovery. Paste pictures.
2. Research on Khushwant singh's life and works. Find out about the role of Khushwant singh's grandmorher in his life. (250 words) Draw a portrait of your grandmother.
3. Design a poster as an appeal for conserving water as most parts of India are facing serious problems and have been hit by drought.
4. Cut out 5 clippings of Classified Ads under the heads -
 - i. For sale
 - ii. To-let
 - iii. Situation vacant
 - iv. For matrimonial
 - v. Pets/kennels

NOTE : The Holiday Homework should be done on A4 sheets.

Psychology

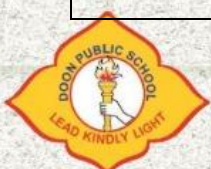
Make a project on any one of the following topics:

TOPICS: -

1. Observation method
2. Experimental method
3. Case study
4. Survey method
5. Psychological testing

PROJECT FILE WILL CONTAIN THE FOLLOWING SUB-HEADINGS: -

- Acknowledgement
- Introduction
- Importance of research in Psychology.



	<ul style="list-style-type: none"> • Introduction of the method (out of the 6 topics) • Advantages and disadvantages • Uses of method in Psychology. • Uses of method in everyday life. • Making a questionnaire. • Conclusion • Bibliography. <p>Instructions:</p> <ul style="list-style-type: none"> • Use coloured/printed sheets for completing the Project file. • Paste pictures or draw flow charts wherever needed. • Cover the Project file using coloured sheets and be creative. Use coloured pens for headings and blue pen for the material.
Accountancy	<p>Make a project on the following topic:</p> <ul style="list-style-type: none"> • You are employed by M/s Crescent Furniture Ltd. as an accountant. Your main task is to maintain the books of accounts of the business. Write any twenty transactions, which you have dealt with, during the course of maintaining the books. Write accounting equation of these transactions. Make proper format. Do your work on A4 size sheet.
Business Studies	<p>Make a project on the given topic:</p> <p>Study the profile of any one company. Download financial statements of that company and paste it on A4 sheet</p>
Political Science	<p>Prepare a project file on the following topics:</p> <ul style="list-style-type: none"> • Constitution • Fundamental Rights • Directive Principles • Local Governments
Economics	<p>Make a project file on the following topic -</p> <ul style="list-style-type: none"> • Production possibility curve and the effect of government policies on PPC. <p>Instructions:</p> <ol style="list-style-type: none"> 1. Link the topic with real life and supplement your project work with relevant data. 2. Do not indulge into plagiarism and quote the source of information.

	<ol style="list-style-type: none">3. Conclude your work with personal views on topic assigned.4. The project file should be between 15 to 20 pages on A4 size coloured sheets.5. The project should be handwritten including relevant facts figures and newspaper clippings.
Painting	<p>3 sheets of still life drawing in water colour & 3 sheets of figure composition drawing. These are the three topics:</p> <ul style="list-style-type: none">• Market scene• Village scene• Park scene
Hindi	<ul style="list-style-type: none">• हिंदी के प्रसिद्ध साहित्यकार प्रेमचंद पर एक आकर्षक परियोजना तैयार कीजिए। जिसके अंतर्गत निम्नलिखित बिंदुओं को शामिल कीजिए।<ol style="list-style-type: none">i. प्रेमचंद के जीवन पर एक विवेचनात्मक अध्ययन।ii. प्रेमचंद की मुख्य कृतियों का विश्लेषण।iii. प्रेमचंद के समाजशास्त्रीय दृष्टिकोण का अध्ययन।• विभिन्न जनसंचार माध्यमों में से किन्हीं पांच माध्यमों का चित्र सहित वर्णन कीजिए।
Physics	<ol style="list-style-type: none">1. Keep your practical record well-organized and neat. Clearly document the experiments and activities. Follow the given link for the list of practical https://cbseacademic.nic.in/curriculum_2025.html The format for documenting any experiment and activity in the practical file should encompass details such as the aim, necessary apparatus, a brief explanation of the theory, precise procedure, precautions, sources of error and result on ruled page of your practical file.<ol style="list-style-type: none">a. Experiments Section A :1, 2,3, 4,6,7,9b. Activities section A: 1, 2,3,6Note: Section B Experiments and Activities will be done in after the Term 1 Exam.2. Prepare content of innovative project file consisting of around 20 to 25 pages on allocated topics:<ol style="list-style-type: none">a. To study and compare the cleansing effect of different detergents as per rise of their solution in water in a capillary tube. (Akansha, Srishti, Tarushi and Harshita)

	<p>b. To study radiating and the absorbing power of black and polished surfaces. (Shaurya, Shaurya Saini, Shaurya Bhardwaj, Harshul and Aryan)</p> <p>c. To determine the density of the material of a given weight using a sonometer. (Aanvi, Tanushree, Palak, Chesta, Khushi)</p>
Chemistry	<p>Keep your practical record well-organized and neat. Clearly document the experiments and activities.</p> <p>The format for documenting any experiment and activity in the practical file should encompass details such as the aim, necessary apparatus, a brief explanation of the theory, precise procedure, precautions, sources of error and result on ruled page of your practical file.</p> <p>1. Write experiments number A-1, A-2, B-3, B-4, B-5, C-1, C-2, E-1, E-2</p> <p>2. Investigatory Projects</p> <p>Prepare content of innovative project file consisting of around 15 to 20 pages on allocated topics:</p> <p>(Roll number 1-4)</p> <ul style="list-style-type: none"> • Chemistry in everyday life (Importance Applications. Real life examples) <p>(Roll number 5-8)</p> <ul style="list-style-type: none"> • Classifications of elements and periodicity in properties <p>(Roll number 9-11)</p> <ul style="list-style-type: none"> • Some basics principals and techniques of organic chemistry <p>(Roll number 12-14)</p> <ul style="list-style-type: none"> • Redox reaction- types, examples, oxidation, reduction, daily life uses, real life applications, balancing redox reaction,
Mathematics	<p>1. Complete the Mathematics lab manual (neat and clean) with the activity no. 3,5,7,11 and18.</p>

<p>Applied Mathematics</p>	<p>1. Complete the Mathematics Lab Manual with the following practical using spreadsheet given below:</p> <ol style="list-style-type: none">Create a budget of income and spending.Create and compare sheet of price and features to buy a product. <p>2. Project on Topic: Logarithms for financial calculations such as interest, present value, future value, profit/ loss etc. with large values.</p> <p>Use coloured interleaf sheets to complete the project (minimum 5 sheets).</p>
<p>Biology</p>	<p><u>TOPICS FOR PROJECT RECORD-</u></p> <p>Make a Project File on the allocated topics given below:</p> <ol style="list-style-type: none">Endocrine glands and Hormones - Its types and functions (Harshita, Khushi, Aryan, Tanushree)The Human Brain -Structure and functions (Palak, Tarushi, Shrishti) <p><u>EXPERIMENTS FOR PRACTICAL FILE:</u></p> <p>Write the following experiments in your practical files:</p> <p>PART A</p> <ul style="list-style-type: none">Study and describe various parts of Petunia alba - Family Solanaceae. <p>PART B</p> <ul style="list-style-type: none">Parts of a compound microscope.Specimens/slides/models and identification with reasons- Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant and one lichen.Virtual specimens/slides/models and identifying features of -Amoeba, Hydra, liver fluke, Ascaris, leech, earthworm, prawn, silkworm, honeybee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit.Mitosis in onion root tip cells and animal cells(grasshopper) from permanent slides.

	<ul style="list-style-type: none">• Different types of inflorescence (cymose and racemose).
Physical Education	<p><u>Instructions:</u> Write the following practical in your practical file of Physical Education. Cover the practical file with white chart. Write the heading with black pen.</p> <p><u>Practical File</u></p> <p>Practical-1 (Fitness tests administration)</p> <p>Practical-2 (Procedure for Asanas, Benefits and Contraindication for any two Asanas for each lifestyle disease)</p>
Computer Science	<p><u>Instructions:</u> Write the following program in your practical file of Computer Science. Paste or draw output with each practical. Cover the practical file with white chart. Write the heading with black pen.</p> <p><u>Sequence wise Programming</u></p> <ol style="list-style-type: none">1. WAP to perform arithmetic operation between two numbers.2. WAP to enter Name, Marks of 5 subjects and calculate total & percentage of student.3. WAP to swap two numbers4. WAP to calculate perimeter of rectangle and area of Rectangle.5. WAP to enter radius and calculate area of circle.6. WAP to enter radius and height of cylinder and calculate volume of cylinder.7. WAP to enter distance in feet and convert it into inches8. WAP to enter value of temperature in Fahrenheit and convert it into Celsius. <p><u>Selection Wise Statements (if, if- else)</u></p>



1. WAP to input two numbers and display the larger/smaller number.
2. WAP to input three numbers and display the largest/smallest numbers.
3. WAP to input a numbers and find whether the no is +ve or -ve.
4. WAP to find the eligibility age of voting.
5. WAP to input a numbers and find whether the no is odd or even.
6. WAP to input a year and find whether it is leap year or not.
7. WAP to accept marks of a student and display grade. (Multiple if)

**Hindustani
Music Vocal**

Practical File:

Assignment 1: Taals

- Write down the basic bols and rhythm notation for Taal Ektaal & Teentaal.
- Listen to a composition of both the taals and identify its rhythmic variations.

Assignment 2: Raag Bhairvi

- Write down one composition in Raag Bhairavi (Drut khayal), write its Introduction, aaroh avroh pakad ,sathayi antra,lyrics and sargam notation along with their alaap taan.

NOTE: The Project work in all the subjects must be done on A- 4 sheets and practical files/Books (where ever mentioned), then it will be compiled subject wise in different Project File.

Revise the syllabus covered during the months of April and May for the Periodic Tests.

Portfolios Activities - Mandatory Assignment



Self - introductory page	For the portfolios to be crafted for the upcoming session 2024-25, students have to create a self-introductory innovative page by using drawing, colour, art or any craft, or a digital page using any graphic design software tool, such as Paintbrush, Tux Paint MS PowerPoint etc. This page should include aspects such as strengths, weaknesses, challenges, uniqueness, motivation, areas of improvement, moments of joy, and ambitions. Remember to bring a hard copy of this on the first day when the school reopens.
Community Work	Embark on a journey of giving back to your community this summer! How do you envision making a positive impact? Whether it's lending a hand at a local shelter, orchestrating a park clean-up, guiding younger minds through tutoring sessions, or aiding a food bank, your efforts matter. Capture the essence of your experiences through photos, weaving them into a vibrant collage that mirrors your commitment in your portfolio.
Tree Plantation	Collect seeds of a particular plant of your choice. Then plant the seeds in the soil and observe its growth. Click the picture of yours with the seed on the very first day (5 th June, World Environment Day) and then the picture with the plant on the very last day of your holiday. Paste these pictures on an A4 size sheet.
Save Water	Water is one of the most stressed and exploited resources. Almost 600 million people face high to extreme water stress in India. By 2025, more than 2.8 billion people living in 48 countries will face water stress or water scarcity (United Nations Population Projection). Hence conserving water is the need of the hour, not only for our healthy future but for our future generations as well. But wait, the change starts from within. Have you ever wondered how much water do you waste and how much water is actually enough for our daily activities? Let's access this with a simple activity by answering the following questions:

1. Do you brush your teeth in running water or with a cup? How much time do you take in brushing your teeth?
2. How many times in a day, do you take bath? Do you use shower?
3. How many washrooms do you have in your home? Are they dual flush or single flush?
4. Do you wash your bicycles with running water/ bucket/ or dry cleaning by wiping with cloth?
5. Are your appliances water efficient? Also mention the ways by which we check the efficiency of our water appliances.
6. Perform a small activity.
 - On the first day, perform all your activities by your traditional methods of using water at home and note down the water meter reading in the beginning and the end of the day.
 - On the second day, devise various methods by minimizing water wastage and keeping a check on your water usage. Note the reading of your water meter in the beginning of the day and at the end of that day.
 - Now multiply the reading of both the days with 30 respectively. And find the difference in the amount of water you conserved.
7. Mention all the different ways you adopted to minimize water wastage at your home?

