



Delhi Public School JHANSI

WORK PLAN FOR THE MONTH OF **July- 2025** **CLASS-XII Science**

Dear Parents,

In this month, your child will be able to learn:

ENGLISH:

Flamingo:

Lesson-3: Deep Water

Lesson-4: Rattrap

Vistas :

Lesson-2: The Tiger king

Lesson-3: Journey to the End of the Earth

Writing Skills

Notice Writing

Unseen Passage

Learning outcomes :

To enable the student to enjoy and appreciate literature and poetry as literary genre, to develop linguistic skill(reading,writing,listening and speaking), enhance their comprehension and enrich their vocabulary. Students will be able to realize the themes of different chapters and poems to make them better human beings.

MATHEMATICS:

Chapter- Linear Programming

Chapter- Derivatives as rate measurement



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Chapter-6 Increasing and Decreasing

Learning Outcomes:

1. Understanding how to formulate linear programming problems, applying graphical and algebraic methods to solve them, and interpreting the results in real-world contexts. Students will also learn to recognize the assumptions of LP models and appreciate their limitations.
2. Students should be able to define and differentiate between functions where the output ($f(x)$) increases or decreases as the input (x) increases.

BIOLOGY :

Chapter -4 Principle of inheritance

Chapter -5 Molecular basis of inheritance

Learning outcomes :

1. Students should be able to understand the fundamental concepts of heredity and how traits are passed from parents to offspring.
2. Students should also be able to grasp the relationship between genes, chromosomes, and the inheritance of traits, as well as the role of mutations and variations in evolution.

CHEMISTRY:

Chapter-4. Haloalkanes and haloarenes

Learning outcome- Students will learn about - Swartz reaction, SN1, SN2, DDT preparation and uses, sandmeyer reaction and about IUPAC of these compounds.

PHYSICS:

Chapter-4 Moving charge and magnetism

Chapter-5 Magnetism in matter



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Learning Outcomes:

Student will learn about electric resistance , magnetic effects of current, Combination of resistances, production of magnetic field from current

PHYSICAL EDUCATION:

Class 12

Chapter 8- Biomechanics and Sports

Chapter-7 Physiology and sports injuries

Learning outcomes: Students will

1. Understand the physiological factors determining the component of Physical fitness
2. Learn the effect of exercise on muscular systems

HINDI:

आरोह

काव्य

पाठ-8 कवितावली

पाठ-9 रूबाइयां

वितान-

पाठ-4 अतीत में दबे पाँव

अभिव्यक्ति एवं माध्यम

व्यवहारिक ज्ञान- विद्यार्थियों को आज के भौतिक वादी युग में संवेदनशील बनाना
विद्यार्थियों को सिन्धु घाटी सभ्यता से परिचित कराना



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POEM:

“Sonnet 18” by William Shakespeare
Shall I compare thee to a summer's day?
Thou art more lovely and more temperate:
Rough winds do shake the darling buds of May,
And summer's lease hath all too short a date:
Sometime too hot the eye of heaven shines,
And often is his gold complexion dimm'd;
And every fair from fair sometime declines,
By chance or nature's changing course untrimm'd;
But thy eternal summer shall not fade
Nor lose possession of that fair thou owest;
Nor shall Death brag thou wanderest in his shade,
When in eternal lines to time thou growest:
So long as men can breathe or eyes can see,
So long lives this, and this gives life to thee.

DOHA:

1. जो रहीम गति दीप की, कुल कपूत गति सोय,
बारे उजियारो लगे, बढे अँधेरो होय ||
अर्थ : दिये के चरित्र जैसा ही कुपुत्र का भी चरित्र होता है। दोनों ही पहले तो उजाला करते हैं पर बढ़ने के साथ अंधेरा होता जाता है।
2. मन मोटी अरु दूध रस, इनकी सहज सुभाय |
फट जाये तो न मिले, कोटिन करो उपाय ||
अर्थ : मन, मोती, फूल, दूध और रस जब तक सहज और सामान्य रहते हैं तो अच्छे लगते हैं लेकिन अगर एक बार वो फट जाएं तो कितने भी उपाय कर लो वो फिर से सहज और सामान्य रूप में नहीं आते।

SHLOK:

- 1- स्वगृहे पूज्यते मूर्खः स्वग्रामे पूज्यते प्रभुः।
स्वदेशे पूज्यते राजा विद्वान्सर्वत्र पूज्यते॥



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अर्थात एक मुख की पूजा उसके घर में होती है, एक मुखिया की पूजा उसके गाँव में होती है, राजा की पूजा उसके राज्य में होती है और एक विद्वान की पूजा सभी जगह पर होती है।

2- विद्या मित्रं प्रवासेषु भार्या मित्रं गृहेषु च।

रुग्णस्य चौषधं मित्रं धर्मो मित्रं मृतस्य च॥

अर्थात : प्रवास की मित्र विद्या, घर की मित्र पत्नी, मरीजों की मित्र औषधि और मृत्योपरांत मित्र धर्म ही होता है।

Thanks and Regards,

CM- CHARU NARANG

Class XII Science