



Delhi Public School JHANSI

WORK PLAN FOR THE MONTH OF JULY (2025-26) CLASS-XI Science

Dear Parents,

In the month of July your child will be able to -

ENGLISH

Literature

Hornbill

Chapter 2 - "We're Not Afraid to Die... if We Can Be Together"

Poem 2 - The Laburnum Top (Poem)

Snapshots

Chapter 2 - The Address

Writing Section - Reading Comprehension, Poster, Speech

Learning Objectives

1. Students will develop comprehension and analytical skills through reading and understanding texts.
2. Students will interpret poetic devices and imagery in poems.
3. Students will enhance their communication skills through writing and speaking activities.

PHYSICS

Chapter 1 - Unit and Measurement

Chapter 2 - Motion in Straight Line

Chapter 3 - Motion in Plane

Chapter 4 - Work, Power and Energy



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Learning Objectives

1. Students will be able to understand and apply SI units, measurement techniques, and perform error and dimensional analysis.
2. Students will be able to describe and analyze motion in a straight line using displacement, velocity, acceleration, and graphical methods.
3. Students will be able to understand and solve problems related to motion in a plane, including projectile and circular motion.
4. Students will be able to explain the concepts of work, power, and energy, and apply the work-energy theorem in various situations.

CHEMISTRY

Chapter 1 - Some Basic Concepts of Chemistry

Learning Objectives

Students will learn about how to calculate mass and mole for different reactions that occur in the lab, empirical formula, scientific notation and significant figure, mole concepts.

MATHS

Complex Numbers

Quadratic Equation with Complex Root

Linear Equations

Permutations

Learning Objectives

1. Students will be able to represent and perform basic operations (addition, subtraction, multiplication, and division) on complex numbers and interpret their geometric representation.
2. Students will be able to solve quadratic equations with complex roots and apply them to real-life mathematical problems.
3. Students will be able to analyze and solve linear inequations and apply the concept of permutations to solve counting and arrangement problems logically.



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BIOLOGY

Chapter 2 - Biological Classification

Chapter 3 - Plant Kingdom

Chapter 4 - Morphology of Flowering Plants

Learning Objectives

1. Students will be able to classify organisms based on the five-kingdom system and understand the unique features of each group.
2. Students will be able to describe the major groups of the plant kingdom and differentiate between various types of algae, bryophytes, pteridophytes, gymnosperms, and angiosperms.
3. Students will be able to identify and explain the different parts of a flowering plant and analyze their structure, types, and functions.

PHYSICAL EDUCATION

Chapter 2 - Olympics Values Education

Chapter 3 - Yoga

Learning Objectives

1. Students will recognize and explain the key Olympic values of excellence, friendship, and respect.
2. Students will understand how sports foster personal growth, teamwork, and character development.

COMPUTER SCIENCE

Chapter 2 - Introduction to Python

Learning Objectives

Students will be able to understand the basic structure of a program, starting with loops, data type, data file and database.



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English Poem:-

Title: Do Not Go Gentle Into the Good Night

Poet: Dylan Thomas

Do not go gentle into that good night,
Old age should burn and rave at close of day;
Rage, rage against the dying of the light.
Though wise men at their end know dark is right,
Because their words had forked no lightning they
Do not go gentle into that good night.
Good men, the last wave by, crying how bright
Their frail deeds might have danced in a green bay,
Rage, rage against the dying of the light.
Wild men who caught and sang the sun in flight,
And learn, too late, they grieved it on its way,
Do not go gentle into that good night.
Grave men, near death, who see with blinding sight
Blind eyes could blaze like meteors and be gay,
Rage, rage against the dying of the light.
And you, my father, there on the sad height, Curse, bless, me now with your fierce
tears, I pray.
Do not go gentle into that good night.



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श्लोक:-

विद्या ददाति विनयं, विनयात् याति पात्रताम्।
पात्रत्वात् धनमाप्नोति, धनात् धर्मं ततः सुखम्॥

अर्थ:

विद्या से विनय, विनय से पात्रता, पात्रता से धन, धन से धर्म और धर्म से सुख प्राप्त होता है। यह श्लोक हमें शिक्षा और विनम्रता के महत्व को समझाता है, जिससे हम जीवन में सफलता प्राप्त कर सकते हैं।

दोहा:-

रहिमन निज मन की बिथा, मन ही राखो गोया।
सुनि अठिलैहैं लोग सब, बाँटि न लैहै कोया॥

व्याख्या - रहीम जी कहते हैं कि अपने मन की पीड़ा या दर्द को दूसरों से छुपा कर ही रखना चाहिए। क्योंकि जब आपका दर्द किसी अन्य व्यक्ति को पता चलता है तो वे लोग उसका मज़ाक ही उड़ाते हैं। कोई भी आपके दर्द को बाँट नहीं सकता। अर्थात् कोई भी व्यक्ति आपके दर्द को कम नहीं कर सकता।

Special Events:-

18/07/25 - Character Come Alive
21/07/25 - Math Quiz/Maths PPT
28/07/25 - Tree Plantation
31/07/25 - Inter-house Group Song Competition



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Regards
Class Mentor
Rashi Rai
Class - XI Science

