



Delhi Public School JHANSI

WORK PLAN FOR THE MONTH OF December

CLASS – XI Science

ENGLISH

Revision

The summer of the beautiful white horse

The portrait of a lady

WRITING:-

Debate writing

Learning Outcomes: -

Discuss moral dilemmas, such as taking the horse and later returning it, and their implications. Analyze the significance of the grandmother's rituals, such as feeding sparrows, in understanding her character –

Grammar, Development of Critical Thinking: Students learn to analyze both sides of an issue, evaluating arguments and evidence to form a well-reasoned stance.

Improved Communication Skills: Debate writing enhances the ability to express thoughts clearly and persuasively, using structured reasoning and appropriate language.

Chemistry

Chapter- 5. Hydrocarbons

Chapter-6.Redox reactions

Learning outcomes:-

Students will learn about markovnikov rule,, lindlar's catalyst,, hydrogenation of alkenes and dehydrohalogenation. Students will learn determination of oxidation number and difference between oxidation number and valency

Physics

Chapter 10: Thermal Properties of Matter

Chapter 11: Thermodynamics



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Chapter 12: Kinetic Theory

Learning Outcomes

1. Understand and Apply Concepts:

Explain the concepts of heat, temperature, and thermal equilibrium.

Define specific heat capacity, latent heat, and their practical significance.

1. Understand and Apply Laws:

State and explain the zeroth, first, and second laws of thermodynamics.

Apply the first law of thermodynamics to various thermodynamic processes (isothermal, adiabatic, isochoric, and isobaric).

1. Conceptual Understanding:

Explain the assumptions of the kinetic theory of gases.

Derive the relation between pressure, volume, and temperature using the kinetic theory of gases.

2. Mathematical Proficiency:

Use the ideal gas equation and analyze deviations from ideal gas behavior.

Relate the kinetic energy of gas molecules to temperature.

Biology

1) Locomotion & movement

2) Human neural coordination

3) human chemical coordination

Learning Objectives :-

We'll learn about the mechanics of how we move our body & co-ordinate with other body organs for maintenance of homeostasis in our body

Maths

Chapter- 10 Straight Line

Chapter- 11 Conic Section



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Chapter-13 Limit and Derivative

Chapter-15 Probability

Learning objective

1. Writing equations of straight lines in different forms, such as slope-intercept, point-slope, and general forms
2. Students should be able to identify conic sections, such as circles, ellipses, hyperbolas, and parabolas.
3. Students learn how to find the limit of a sum, difference, product, quotient, constant, and more. They also learn how to combine properties to simplify and evaluate limit equations.

PHYSICAL EDUCATION

Chapter -10 sports training

Learning objectives

1. to make student understand the meaning of anatomy and physiology
2. to make students understood important of anatomy and physiology in physical education

HINDI

हिन्दी

आरोह

काव्य

पाठ-10 आओ मिलकर बचाएं

गद्य

पाठ-8 जामुन का पेड़

वितान- पाठ-3 आलो आंधारि

अभिव्यक्ति एवं माध्यम -जनसंचार की परिभाषा तथा तत्व

व्यवहारिक ज्ञान- विद्यार्थियों को आधुनिक युग के परिवर्तनों से परिचित कराना

विद्यार्थियों को संवेदनशील बनाना

विद्यार्थियों को समाज में व्याप्त भ्रष्टाचार को दूर करने के लिए प्रेरित करना



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POEM:

Ozymandus by Percy Bysshe Shelley
I met a traveller from an antique land
Who said: Two vast and trunkless legs of stone
Stand in the desert. Near them, on the sand,
Half sunk, a shattered visage lies, whose frown,
And wrinkled lip, and sneer of cold command,
Tell that its sculptor well those passions read
Which yet survive, stamped on these lifeless things,
The hand that mocked them and the heart that fed.
And on the pedestal these words appear:
"My name is Ozymandias, king of kings;
Look on my works, ye Mighty, and despair!"
Nothing beside remains. Round the decay
Of that colossal wreck, boundless and bare
The lone and level sands stretch far away.

DOHA

1. रहिमन ओछे नरन सो, बैर भली न प्रीत ।
काटे चाटे स्वान के, दोउ भाँती विपरीत ॥

अर्थ : गिरे हुए लोगों से न तो दोस्ती अच्छी होती है, और न तो दुश्मनी। जैसे कुत्ता चाहे काटे या चाटे दोनों ही अच्छा नहीं होता ।

2. रहिमन निज मन की बिथा, मन ही राखो गोय।
सुनी इठलैहैं लोग सब, बांटी न लेंहैं कोय ॥

अर्थ: रहीम कहते हैं की अपने मन के दुःख को मन के भीतर छिपा कर ही रखना चाहिए। दूसरे का दुःख सुनकर लोग इठला भले ही लें, उसे बाँट कर कम करने वाला कोई नहीं होता।

SHLOKA

1- ॐ सह नावतु। सह नौ भुनक्तु। सह वीर्यं करवावहै।
तेजस्विनावधीतमस्तु मा विद्विषावहै॥



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अर्थात : परमेश्वर हम शिष्य और आचार्य दोनों की साथ-साथ रक्षा करें, हम दोनों को साथ-साथ विद्या के फल का भोग कराए, हम दोनों एकसाथ मिलकर विद्या प्राप्ति का सामर्थ्य प्राप्त करें, हम दोनों का पढ़ा हुआ तेजस्वी हो, हम दोनों परस्पर द्वेष न करें।

2- येषां न विद्या न तपो न दानं, ज्ञानं न शीलं न गुणो न धर्मः ।

ते मृत्युलोके भुवि भारभूता, मनुष्यरूपेण मृगाश्चरन्ति।।

अर्थ : जिसके पास विद्या, तप, ज्ञान, शील, गुण और धर्म में से कुछ नहीं वह मनुष्य ऐसा जीवन व्यतीत करते हैं जैसे एक मृग।

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Class : XI Science