



Delhi Public School JHANSI

Bhawna Nain
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WORK PLAN FOR THE MONTH OF JANUARY & FEBRUARY 2022 Class-IX

Dear Parents,

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

ENGLISH:

Reading

Discursive passage

Factual passage

Writing

Descriptive paragraph

Story writing

Grammar

Reported Speech

Statements

Literature

Beehive

1.Packing

2.Reach for the Top

3.The Bond of Love

4.If I were you

Poems

1.No Men are Foreign

2.On Killing a Tree

3.The Snake Trying

Moments

1.Weathering the Storm in Ersama

Learning objectives:

Guiding and encouraging the children to follow Human values.



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HINDI:

क्षितिज -

गद्य- पाठ -5 प्रेमचंद के फटे जूते

काव्य -पाठ-14 बच्चे काम पर जा रहे हैं

कृतिका- पाठ 3 रीढ़ की हड्डी

पाठ-4 माटी वाली

लेखन- पत्र लेखन कहानी लेखन संवाद लेखन

व्यवहारिक ज्ञान-

विद्यार्थियों में पक्षियों के प्रति करुणा एवं प्रेम की भावना में वृद्धि करना

विस्थापन की समस्या तथा समाधान के प्रति जागरूक करना

MATHEMATICS:

Chapter 2: Polynomials

Chapter 8: Quadrilateral

Chapter 11: Construction

Chapter 15: Probability

Learning Objectives:

- Define event, outcome, trial, simple event, sample space and calculate the probability that an event will occur.
- Define polynomial functions. Identify polynomial functions.
- Students will be able to use the knowledge that the sum of angles of any triangle is 180 and the sum of angles of any quadrilateral is 360 to solve problems.

SCIENCE:

Physics:

Chapter: 10 : Gravitation

Chapter: 11: Work Energy and Power

Learning Objectives:

- Circular Motion: why they are accelerated in nature, What keeps such a body in motion: concept of Centripetal & centrifugal force, What keeps planets in motion, Why earth does not move towards apple, Why moon does not fall on earth under the impact of gravity, Newton's Law of Universal Gravitation; Kepler's Laws of Planetary Motions and how it impacts Newton's Law of Universal Gravitation, Hammer and Feather Experiment and why acceleration due to gravity (g) does not depend on the mass of the falling body (when dropped from a height close to the surface of earth), Calculation of "g" on earth and moon, Concept of weight and Mass.
- Work done by a Force, Energy, Power; Kinetic and potential energy; Law of conservation of energy, Numerical.



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Chemistry

Chapter 3: Atoms and Molecules

Chapter 4: Structure of Atom

Learning Objectives:

- Understanding what matter is composed of (the smallest particle they are composed of: ATOM); and how these atoms are arranged in a definite ratio: Law of conservation of Mass and Law of Definite Proportion, Dalton's theory; Understanding Atomic Mass; What are ions, What are Molecules, Atomicity and Molecular Mass; Atomic symbols and Formulae; Concept of Mole, Numericals based on each of these concepts. .
- Understanding presence of charged particles on matter and reasons thereof, particularly in context of JJ Thomson's and E. Goldstein's discoveries of charged particles in an atom, Structure of atom: Thomson's model, Rutherford's Model and its drawbacks; Bohr's Model of Atom and concept of quantised energy levels + Distribution of electrons in different orbits (shells), Discovery of neutrons, Latest Model of Structure of Atom; Concept of Valency and Atomic Number / Mass Number; Isotope and Isobar.

Biology

Chapter-13 Why do we fall ill?

Learning Objectives

- Student will understand about types of diseases.

Chapter-14 Natural Resources

Learning Objectives

- Student will understand about different types of natural resources like air, water, soil etc. They will prepare this unit only for internal assessment

SOCIAL STUDIES

History:

Chapter:3 - Nazism and Rise of Hitler

Learning Objectives:

- Discuss the critical significance of Nazism in shaping the politics of modern world.
- Get familiarized with the speeches and writing of Nazi leaders.

Politics:

Chapter 5: Democratic Rights

Learning Objectives



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- Life without rights
- Rights in a democracy
- Why do we need rights in the democracy
- Rights of the Indian Constitution
- Freedom to right against exploitation
- Right to freedom
- Right to freedom of religion
- Cultural and educational rights
- How can we secure these rights
- Expanding scope of rights

Economics:

Ch-4 Food security in India

Learning Objectives:

- What is food security?
- Why food security?
- Who are food insecure?
- Minimum Support price.
- What is buffer stock.

Geography:

Chapter 4: Climate

Chapter 5: Natural Vegetation and Wild Life

Learning Objectives:

- Identify various factors influencing the climate and explain the climatic variation of our country and its impact on the life of people.
- Explaining the importance and unifying role of monsoons.
- Develop concern about the need to protect the biodiversity of our country.

COMPUTER

Chapter 5: Understanding Networks

Chapter 6: Multimedia

Chapter 10: Spreadsheet tools

Learning objectives:

- Students will learn about Networking and devices used for networking.
- Students will learn about multimedia and its types



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- Students will learn about Spreadsheet and various tools of it.



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ACTIVITIES OF THE MONTH

English Poem

The Ball Poem

What is the boy now, who has lost his ball,
What, what is he to do? I saw it go
Merrily bouncing, down the street, and then
Merrily over — there it is in the water!

No use to say 'O there are other balls':
An ultimate shaking grief fixes the boy
As he stands rigid, trembling, staring down
All his young days into the harbour where
His ball went. I would not intrude on him;
A dime, another ball, is worthless. Now
He senses first responsibility

In a world of possessions. People will take
Balls, balls will be lost always, little boy.
And no one buys a ball back. Money is external.



He is learning, well behind his desperate eyes,
The epistemology of loss, how to stand up
Knowing what every man must one day know
And most know many days, how to stand up.



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दोहा

(1)

तिनका कबहुँ ना निन्दिये, जो पाँवन तर होय,

कबहुँ उड़ी आँखिन पड़े, तो पीर घनेरी होय।

अर्थ :- कबीर कहते हैं कि एक छोटे से तिनके की भी कभी निंदा न करो जो तुम्हारे पाँवों के नीचे दब जाता है। यदि कभी वह तिनका उड़कर आँख में आ गिरे तो कितनी गहरी पीड़ा होती है

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(2)

जब मैं था तब हरी नहीं, अब हरी है मैं नाही ।

सब अँधियारा मिट गया, दीपक देखा माही ॥

अर्थ :- जब मैं अपने अहंकार में डूबा था - तब प्रभु को न देख पाता था - लेकिन जब गुरु ने ज्ञान का दीपक मेरे भीतर प्रकाशित किया तब अज्ञान का सब अन्धकार मिट गया - ज्ञान की ज्योति से अहंकार जाता रहा और ज्ञान के आलोक में प्रभु को पाया।



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संस्कृत श्लोक

(1)

विद्या मित्रं प्रवासेषु, भार्या मित्रं गृहेषु च।

व्याधितस्यौषधं मित्रं, धर्मो मित्रं मृतस्य च॥

अर्थ — विदेश में ज्ञान, घर में अच्छे स्वभाव और गुणस्वरूप पत्नी, औषध रोगी का तथा धर्म मृतक का सबसे बड़ा मित्र होता है।

(2)

अभिवादनशीलस्य नित्यं वृद्धोपसेविनः।

चत्वारि तस्य वर्धन्ते आयुर्विद्या यशोबलं।।

अर्थ — बड़ों का अभिवादन करने वाले मनुष्य की और नित्य वृद्धों की सेवा करने वाले मनुष्य की आयु, विद्या, यश और बल ये हमेशा बढ़ती रहती है।

Thank you
Mr. Ankur Agarwal
Class-IX

