



Delhi Public School JHANSI

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

Dear Parents,

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

ENGLISH:

Reading

Discursive and case based factual passage.

Writing

Formal and Analytical paragraph.

Grammar

Tenses, Subject verb concord and Reported speech.

Literature

Lesson 3 Glimpses of India

Lesson 1 Making of a Scientist

Learning objectives:

Guiding and encouraging the children to follow Human values.

HINDI:

क्षितिज -

गद्य- पाठ -4 मानवीय करुणा की दिव्य चमक

कृतिका-पाठ-3 साना- साना हाथ जोड़

लेखन-पत्र लेखन, विज्ञापन लेखन ,संदेश लेखन

व्यवहारिक ज्ञान-

विद्यार्थी के लेखन कौशल वृद्धि करना

बाह्य आडम्बर को दूर करने के लिए प्रेरित करना



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MATHEMATICS:

Chapter-14 Statistics
Chapter-15 Probability

Learning Objectives:

Introduction and method of finding mean of grouped frequency with three methods.
Method of finding mode of grouped frequency.

Define event, outcome, trial, simple event, sample space and calculate the probability that an event will occur. Calculate the probability of events for more complex outcomes.

SCIENCE:

Physics:

Chapter: 12: Electricity
Chapter: 13: Magnetic Effect Of Current

Learning Objectives:

- Key concepts to be mastered: Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R.
- Key concepts to be mastered: Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Electric Motor, Electromagnetic induction. Induced potential difference, Induced current. Fleming's Right Hand Rule

Chemistry

Chapter: 4: Carbon and its Compounds
Chapter: 5: Periodic Classification Of Elements

Learning Objectives:

- Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series.



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- Need for classification, early attempts at classification of elements (Dobereiner's Triads, Newland's Law of Octaves, Mendeleev's Periodic Table), Modern periodic table, gradation in properties, valency, atomic number, metallic and non-metallic properties.

Biology

Unit-II World of living

Chapter-8 How do organisms Reproduce?

Unit-V Natural Resources

Chapter-15 Our Environment

Learning objectives

Student will understand the term Reproduction their types and Reproductive health and diseases.

They will understand about ecosystem, types of ecosystem, ozone depletion, biodegradable and nonbiodegradable .

- Students will learn about the Mendel's law and its application.

SOCIAL STUDIES

Economics:

Chapter-4 Globalisation and Indian economy

Learning Objectives:

- Production across countries
- Multinational corporations
- Interlinking production across countries
- Foreign trade and integration of markets
- What is globalisation
- Factors that have enabled globalisation
- Liberalisation of foreign trade and foreign investment policy
- Removing barrier and restrictions by the government
- World Trade organisation
- Impact of globalisation on India
- Steps to attract foreign investment



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- Struggle for a fair globalisation.

Geography

Chapter -7 Lifelines of National Economy

Learning Objectives:

- Transport Roadways, Railways, Pipelines, Waterways, Airways

. Communication

- International Trade

Tourism as a Trade

- Discuss the need for a planned industrial development and debate over the role of government towards sustainable development.
- Explain the importance of transport and communication in the ever-shrinking world.
- Understand the role of trade and tourism in the economic development of a country.

COMPUTER

Unit 1: Networking

- Internet: World Wide Web, web servers, web clients, web sites, web pages, web browsers,

blogs, news groups, HTML, web address, e-mail address, downloading and uploading files from a remote site. Internet protocols: TCP/IP, SMTP, POP3, HTTP, HTTPS.

Remote login and file transfer protocols: SSH, SFTP, FTP, SCP, TELNET, SMTP, TCP/IP.

- Services available on the internet: information retrieval, locating sites using search engines and finding people on the net;
- Web services: chat, email, video conferencing, e-Learning, e-Banking, eShopping, e-Reservation, e-Governance, e-Groups, social networking.

Unit 2: HTML - II

- Embed audio and video in a HTML page.



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- Links: significance of linking, anchor element (attributes: href, mailto), targets.
- Cascading style sheets: colour, background-colour, border-style, margin, height, width, outline, font (family, style, size), align, float

Learning objectives:

- Students will learn about the service provided by internet and other services of internet



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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 पांवों के नीचे दब जाता है। यदि कभी वह तिनका उड़कर आँख में आ गिरे तो कितनी गहरी पीड़ा होती है

!

(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।

संस्कृत श्लोक

(1)

विद्या मित्रं प्रवासेषु, भार्या मित्रं गृहेषु च।

व्याधितस्यौषधं मित्रं, धर्मो मित्रं मृतस्य च॥



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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
Mrs. Reshma Vij
Class-X**

