



SOUTH POINT WORLD SCHOOL MURTHAL



Holidays
Homework

SESSION - 2024-25
CLASS - X

Dear Parents

Summer Vacation brings a lot of happiness, laughter, fun and frolic for the children. It is the time to refuel and refresh the energies of the children. It is also an ideal time to channelize the inherent potentialities of the children to some productive gains. So, we want you to keep some semblance of academics alive in fun during the summer vacation by involving your wards in the following: -

- Teach your ward to schedule everything by making a timetable.
- Ensure that your ward is regular in doing the Assignments.
- Encourage your ward to read a book/newspaper/parable etc. to whet his/her Reading Skills.
- Involve him/her in the games and activities related to the academics.
- "Make sure that your ward spends time judiciously and his/her vacations are fun- filled and academically meaningful.
- Also ensure the timely submission of the Assignments/Homework by your ward.

Instructions to be followed:

- Work should be Presentable, Creative and Errorless.
- It should be neat and clean.
- Timely –Submission is mandatory i.e. by JULY 6,2024.

General Instructions:

- ❖ Homework to be done in a Three in One notebook.
- ❖ Writing must be neat and clean.
- ❖ All the students have to submit a one-minute video to their respective class teacher while doing yoga on 21st June as an activity for International Yoga Day.

STAY SAFE ! STAY HAPPY!

English

LET'S READ, COMPREHEND AND WRITE

1. Read the English newspaper daily during Summer Break. Select any five articles on Global Warming/Science/Sports/Women empowerment/Election2024 in about 250 to 300 words each. Cut and paste them in the notebook. Read the news very carefully and frame six questions from each, answer them and write the same just below the newspaper cutting.

LET'S COMPOSE

2. You wish to pursue a course on "Data Science". Write a letter to the Director of the Scaler Data Science enquiring about the eligibility, duration, fee, scholarship and placement etc.
3. You are the librarian of LWA Senior Secondary School, Pune. You Want to Purchase a dictionary, a book on computers, a book for preparing for competitive examinations and a book for IIT Entrance Examination for use of students and staff of your school. Place an order with M/S Higginbotham's, Mumbai, giving the details regarding the, mode of dispatch and the mode of payment.
4. In the technology driven world, children are spending longer hours of screen time leading to concerns regarding health and social skills. Write a paragraph in not more than 120 words analyzing the given information:

Screen Time							
Ipad	Mobile phone	Laptop	Internet	Social Media	Online Classes	Research	Entertainment
Effects							
Obesity	Weakening eye sight	Poor Social Skills	Increasing isolation		Sedentary life style		

LET'S CHECK LITERARY FLAVOUR

First Flight

Write the following questions in your notebook:-

5. "Humanity still exists". This is what we get to know after reading 'A letter to God' in which firm faith in God of a poor farmer and helpfulness of the post office employees have been aptly depicted thought. Write a paragraph on the value which we have learnt from the chapter 'A Letter to God' in it about 100 words.
6. Describe the value of freedom for human beings and how it is important for the growth of civilization and humanism as described in the lesson 'Nelson Mandela: Long Walk to Freedom'.
7. Fear and lack of confidence stop one from learning new things Do you agree? How did these two traits of the young sea gull make him coward? How did he overcome these shortcomings?

8. Learn the question answers of the following.

Chapter- 1 A Letter to God

Chapter- 2 Nelson Mandela: Long Walk to Freedom

Chapter- 3 Two Stories about Flying

Chapter- 4 From the Diary of Anne Frank (To Read)

Poem-1 Dust of Snow

Poem- 2 Fire and Ice

Poem- 3 A Tiger in the zoo (To Read)

Foot Prints without Feet

*Revise Chapter-1&2.

Read Chapter-3 The Midnight Visitor. What Idea have you gathered about the general qualities of a detective? Write about this in 100-120 words on A4 sheet.

Fun with Literature

Poetic devices are a form of literary device used in poetry. Poems are created out of poetic devices of structure, grammatical, rhythmic, metrical, verbal and visual elements. Given below are twelve poetic devices for you to define. Explain these with examples from your book.

Personification	Oxymoron
Alliteration	Paradox
Repetition	Hyperbole
Simile	Symbolism
Metaphor	Anaphora
Poetic License	Allegory

Art-Integrated Activity

1. Prepare a Project regarding any 5 renowned English literary figures Authors/Poets/ Playwrights of Manipur & Haryana exhibiting their life and contribution to the world of English literature.
2. Prepare a brief speech delivered by Nelson Mandela on the occasion of the installation of the first non racial democratic government in South Africa. You can take ideas from the chapter '**Nelson Mandela': Long Walk to Freedom**. Prepare a video while delivering the speech.

Instructions for Art Integrated Activity:-

1. Make a cover page including the following:-

- Name
- Father's Name
- Class
- Topic
- Roll no.

2. Acknowledgement

3. Index/content

Hindi

1. आपकी चैक बुक खो गई है। बैंक के प्रबंधक को ई-मेल लिखकर उसे चैक बुक को रद्द करने का अनुरोध कीजिए।
2. आपने अगले तीन दिन के लिए मुंबई यात्रा की योजना बनाई है और ठहरने के लिए होटल बुक कराना चाहते हैं। इंपीरियल होटल में ए-सी कमरे की बुकिंग के लिए ई-मेल लिखिए।
3. अपने मित्र तथा उसके परिवार को नव वर्ष की हार्दिक बधाई देते हुए एक संदेश लिखें।
4. आप अपनी दो वर्ष पहले खरीदी बाईक बेचना चाहते हैं, उससे संबंधित विज्ञापन तैयार कीजिए।
5. देश की जनता को मतदान अधिकार के प्रति जागरूक करने के लिए मुख्य निर्वाचन आयुक्त कार्यालय की ओर से एक विज्ञापन तैयार करें।
6. वाक्य तथा वाच्य पाठों का अभ्यास कार्य व्याकरण की पुस्तक में सुंदर लिखाई में करें।
7. श्लेष, उत्प्रेक्षा, मानवीकरण, अतिशयोक्ति अलंकार के दो- दो उदाहरण याद करके लिखिए।
8. हरियाणा व मणिपुर के लोगों की वेशभूषा, खान-पान एवम् नृत्य पर एक प्रोजेक्ट तैयार करें।

Mathematics

1. Do the following topics from NCERT Exemplar:

CH-1 Real numbers.

CH-2 Polynomials

CH- 4 Quadratic Equations

CH-11 Area related to Circles

CH-12 Surface area and Volume

2. Do the following activities in Maths Lab Manual :

i) Activity no.-16 (To obtained the formula for area of circle)

ii) Activity no.-19 (To obtain the formula of volume of cylinder)

iii) Activity no.-22 (To obtained LSA of right circular cone)

iv) Activity no.-23 (To obtain the formula of volume of cone)

v) Activity no.-24 (To obtain the formula of volume of sphere)

vi) Activity no.-12 (To verify distance formula)

vii) Activity no.-13 (To verify section formula)

3. Do the Assignment which will be uploaded on "Parent School App" during summer vacations.

4. Prepare a project on Manipur comparing the following points with Haryana:

a) Education data

b) Population data

c) Sex Ratio

d) Agriculture

e) Mathematicians

f) Lok Sabha Seats

5. Prepare a portfolio on any topic from your syllabus. (Students you can take help of you tube and Google for this).

6. Learn squares from 1 to 30.

7. Learn tables from 12 to 30.

Science

1. To enhance the over all generation capacity of the state with a view to provide energy security in all villages in addition to addressing the problem of ecological imbalance and environmental degradation, Manipur Renewable Energy Development agency (MANIREGA) promotes generation of Grid-grade Power through New & amp; Renewable Energy Sources like wind, solar, SHP, biomass and other waste. Prepare a portfolio showcasing the generation and applications of any one of the renewable energy resources. [Even roll no.]

OR

Manipur government plans to erect a solid waste management unit for every district with an aim to stress upon material recovery, recycling and waste-to-energy technologies in the policy making pertaining to Municipal Solid Waste. *Prepare a portfolio on this [Odd roll no.]

2. Solve the worksheet which will be uploaded on School app.

3. Learn Chapter – 1 (Chemical reactions and equations), Read Chapter – 2 (Acids, Bases and Salts) and prepare notes in your fair notebook.

Chemistry

4. Write the following experiments in the science practical file(except the calculations and result)

1. Finding the pH of the following samples by using pH paper/universal indicator.

i. Dilute Hydrochloric Acid

iii. Dilute NaOH solution

ii. Dilute Ethanoic Acid solution

iv. Lemon juice

v. Water

vi. Dilute Sodium bicarbonate

2. Study the properties of acids and bases (Dil. HCl & dil. NaOH) on the basis of their reaction with:

i. Litmus solution (Blue/Red)

ii. Zinc metal

iii. Solid sodium carbonate

3. To Perform and observe the following reactions and classify them into

i. Combination

ii. Decomposition

iii. Displacement

iv. Double displacement reaction

4. To Observe the action of Zn, Fe, Cu and Al metals on the following salts solutions:

i. $ZnSO_4(aq)$

ii. $FeSO_4(aq)$

iii. $CuSO_4(aq)$

iv. $Al_2(SO_4)_3(aq)$

Arrange Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.

5. To study the following properties of acetic acid (ethanoic acid):

i. Odour

ii. Solubility in water

iii. Effect on litmus

iv. Reaction with Sodium Hydrogen Carbonate

6. To Study the comparative cleaning capacity of a sample of soap in soft and hard water

Physics

1. Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.
2. Determination of the equivalent resistance of two resistors when connected in series and parallel.
3. Determination of the focal length of: **i)** Concave mirror **ii)** Convex lens, by obtaining the image of a Distant object.
4. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.
5. Tracing the path of the rays of light through a glass prism.

Biology

1. Preparing a temporary mount of a leaf peel to show stomata.
2. Experimentally show that carbon dioxide is given out during respiration.
3. Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides
4. Identification of the different parts of an embryo of a dicot seed (Pea, gram or kidney bean).

SOCIAL SCIENCE

1. Watch the movie "The Making of Mahatma" and on the basis of events in that, make Notes in about 150 words on the each topic given below:-

a) Ahmedabad Mill Workers Satyagraha

b) Champaran Satyagraha

c) Kheda Movement

d) Non-Cooperation Movement

e) Civil Disobedience Movement

2. Read Chapter -2 of Geography (Forest and Wildlife) and Show all types of forest on an outline map of India & paste it in file. Write 5 points on each type of forest.

3. Revision: - Democratic Politics

Revise: Ch.1 Power Sharing

Ch.2 Federalism

NOTE: An assignment will be uploaded of these chapters on School App.

4. Prepare a project on the following topic according to your roll no.:-

- a) Consumer Awareness (Roll No. 1-15)
- b) Social Issues (Roll No. 16-30)
- c) Sustainable Development (Roll No.31-45)

5. Prepare a PPT comparing the Climate & Agriculture of Haryana & Manipur.

Information Technology

1. Learn Ch-1 Methods and Types of Communication, Ch- 2 Feedback in Communication, Ch-3 Effective Communication (Principles and Barriers) Unit-1 of part A. Read Ch-1 Self Management Skills-Stress Management, Ch-2 Self Awareness of unit-2 and find out exercise.
2. **Make a chart of the given topics according to Roll No.**
 - i. Types of Network (1-10)
 - ii. Uses of Internet (11-20)
 - iii. Networking Devices (21-30)
 - iv. Types of Topology (31-40)
3. Make a Poster on '**Save water**' in OpenOffice.Org Writer. Take print out and paste in Fair notebook.
4. **Make an assignment on A4 sheet including topics:**
 - i. What is style? How to Create new Style (Drag and Drop)
 - ii. How to insert picture from file and gallery
 - iii. How to create template in Open Office Writer.
 - iv. Write steps to create Data Consolidate.
 - v. How to create link sheets from other sheets
5. **Write note on the following in Fair notebook.**

i. Style	ii. Template
iii. Mail Merge	iv. Macro-Scaling
v. Scenarios Analysis	vi. Hyperlink to the sheet
vii. Recording changes	viii. Spreadsheet
ix. Common method of communication	x. Types of communication
6. "A Father's love is the fuel that empowers a child's dream". On every third Sunday in June we celebrate Father's Day. This year Father's Day is falling on 16th June 2024. Make a beautiful e-card for your father, share it on your family's facebook, instagram etc. Send it on school app as well.