



IMPERIAL HERITAGE SCHOOL

SECTOR-102, GURUGRAM

Holiday Homework

SESSION 2023-24

GRADE



"A vacation is what you take when you can no longer take what you've been taking."

—Earl Wilson.

Dear Parents

Greetings!

Vacation.....the word itself brings a huge, dazzling smile to the face of our children. Children and parents welcome this most-awaited time of the year with open arms. It is time for children and their loved ones to rejoice and rejuvenate and create memories together. Children choose to spend time in the company of friends and family and in pursuit of leisurely activities of interest and hobbies. With reasons plenty, the children look forward to these holidays.

Summer Vacation is the time for children to explore their interests and indulge in various activities and projects that would lead to their all-round development. We have designed the Holiday Homework in such a way that their creative and hidden talents surface and they will also be able to develop skills like relating, thinking, concluding, inferring etc. With a little creativity and an open mind, the possibilities for a fulfilling summer vacation are endless.

Summer vacations is a time to cherish, celebrate and renew lost habits and bonds. Connect with your child on a personal level and see the transformation within. As parents, you also need to unwind and relax. Do your favorite things and involve your child in them too. We hope that our children will thoroughly enjoy the vacation and make the most of this summer. As rightly said, a little bit of summer is what the whole year is all about.

"Instruction does much, but encouragement is everything."

Vital Suggestions for Summer Parenting:

- **Encourage your child to learn a new skill to add to their resume.**
- **Motivate your child to catch up on summer reading.**
- **Indulge your child in activities that can stimulate their creativity.**
- **Ask your child to clean up their digital presence and spend time with their loved ones.**
- **Help your child stay active and healthy by following a new fitness regime.**

Apart from getting involved in the learning process, we would request you to take out some time and involve your child in visiting some historical monuments, going for a nature walk, or some places of tourist attraction. This will help them to gain knowledge beyond books and could be used in the given homework.

"Don't be busy ...Be Productive"

Smart tips for students regarding 'Holiday Homework':

- **Be original in your work.**
- **Schedule your time for activities so that the work is completed with ease.**
- **Read the instructions for each subject carefully.**
- **Beautiful handwriting makes a good impression. Submit your work neatly.**
- **Present your assignments creatively.**
- **Take the help of your parents wherever and whenever necessary.**

Adding up the rubric to guide you for your holiday homework on which marks will be allotted.

Content	Presentation	Relevance	Creativity	Originality	On-time Submission
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Words of advice from my side for our students:

- Relax during the holidays and eat healthy food.
- Read books, magazines, and newspapers to enhance your vocabulary and stay updated with current affairs.
- Learn to grasp things from your surroundings and use them in your assignment completions during holiday homework.
- Get enough sleep and surround yourself with positivity and happiness.
- Engage your ward in well-being practices such as meditation, exercise, yoga, etc.
- Inculcate the habit of writing as it is essential for those who seek to rise above the ordinary.

Let us all feel the summer vibes with a poem written by Leslie Pinckney Hill...

SUMMER MAGIC

So many care to vex the day,
So many fears haunt the night,
My heart was all but weaned away
From every lure of old delight.

Then summer came, announced by June,
With beauty, miracle, and mirth.
She hung aloft the rounding moon,
She poured her sunshine on the earth,

She drove the sap and broke the bud,
She set the crimson rose afire.
She stirred again my sullen blood,
And waked in me a new desire.

Before my cottage door, she spread
The softest carpet nature weaves,
And deftly arched above my head
A canopy of shady leaves.

Her nights were dreams of jeweled skies,
Her days were bowers rife with song,
And many a scheme did she devise
To heal the hurt and soothe the wrong.

For on the hill or in the dell,
Or where the brook went leaping by
Or where the fields would surge and swell
With golden wheat or bearded rye.

Enjoy your summer vacation. May you all have an exciting summer full of cheer and fun.

Best Regards
Ms. Neelu Sharma
Principal

Happy Holidays

THEME: SOCIAL ISSUES



Be the change you wish to see in the world.

— Mahatma Gandhi

Social issues are behaviors or conditions that negatively impact the society and therefore demand a solution. That is, these social problems not only impact individuals but also create disruption or hardships for large number of people.

Social awareness is a skill that we all must work to build within ourselves. In a broad sense, it means having an awareness and understanding of the world around us. This includes environment, cultures, communities, societal norms, problems, struggles, and all other areas that make up the social atmosphere in which we live. It is our moral responsibility to address these issues. To create awareness among the young minds for understanding social and ethical norms, the school has taken up Social Issues as the theme for Grade X Holiday Homework.

Students today are the leaders of tomorrow, therefore understanding the importance of social awareness in school will help shape their future and the world around them in a positive way.

ENGLISH

I. Project Name – Social Issues (Digital Activism)

Digital Activism essentially refers to the use of online tools to raise awareness and bring change in various social and political fronts. Prepare a project based on the given tasks to highlight some of the major social issues prevailing in the country.



Task 1: Cover page

Create a cover page giving relevant details of your project, a quote and a basic introduction of the theme.

Task 2: Blog

A blog features articles written in a conversational style with accompanying pictures or posters. Blogging is a digital way for self-expression and social connection to draw attention of the readers.

Write a blog on any one of the following topics in 500 words.

- Where Humanity Fails, Pandemic Occurs
- Is Masculinity a Problem to overcome?
- Peace is Both a Right and Duty

Task 3: Wiki Encyclopedia

Do a thorough research and write a biographical sketch about any 2 famous personalities/activists of recent times who contributed immensely to bring a change in the society.

Task 4: Podcast

Podcasts are very convenient for the audience to follow, and that is why it is becoming more popular among people.

Make your own podcast and write a script to evoke awareness in the society on any trending social issue. It may be narrating an anecdote or a story, interviewing a guest on the topic or emulating a radio jockey.

Task 5: #Hashtag Campaign

Hashtags are not only an aspect that gathers opinions or discussions, but they carry a profound potential to impact people and societies around the globe.

Create any four influential social media #Hashtag Movements highlighting the social issues and supporting the cause of your campaign.

Note:

1. Make a file of your choice with A4 size sheets only.
2. Sheets can be colourful or plain.
3. Presentation should be neat.
4. Project must showcase your creativity.
6. Plagiarism of any kind will not be accepted.

II. Words & Expressions Workbook – II

Complete all the exercises - Unit 1- 4 in the Words and Expressions Workbook – II prescribed in the CBSE curriculum.

III. Suggested Reading

‘The Diary of a Young Girl’ by Anne Frank is a long reading text prescribed by CBSE for extensive study. Write the summary of the novel in 120-150 words and present it creatively with an illustration on an A3 sheet.

Please find the link below for online reading. Happy Reading!

https://cbseacademic.nic.in/web_material/doc/novels/3_The%20Diary%20of%20a%20Young%20Girl.pdf



हिंदी

उपविषय - सामाजिक समस्या



सामाजिक समस्याएँ समाज की वे समस्याएँ होती हैं जिसमें व्यक्ति अपने व्यवहारों का समाज के अनुसार अनुसरण नहीं करता है एवं समाज विरोधी कार्य करता है जिससे समाज में रहने वाले अन्य व्यक्तियों को कठिनाइयों का सामना करना पड़ता है। जब व्यक्ति समाज द्वारा बनाए गए नियम कानून देश के नियमों का उल्लंघन करता है तो सामाजिक समस्याएँ उत्पन्न होती हैं।

- भारत की सामाजिक समस्या 'नारी शोषण' विषय पर A4 साईज शीट पर अपने विचार लिखिए।
- नारी शोषण के प्रति जागरूक करते हुए दैनिक जागरण के संपादक को पत्र लिखकर अपने समाचार पत्र में एक लेख लिखने का अनुरोध कीजिए। (on A4 sheet)
- 'नारी सशक्तिकरण' विषय पर एक पोस्टर बनाइए।
- मुंशी प्रेमचंद द्वारा लिखित उपन्यास 'गोदान' पढ़ें और उसका सार 150 शब्दों में लिखें।

MATHS

1. Gender discrimination refers to the unequal treatment or opportunities of individuals based on their gender. This can take many forms, including discrimination in the workplace, in education, and in other areas of life. It can involve unequal pay, lack of access to education or other resources, or being subjected to violence or harassment because of one's gender. Draw a double Bar Graph on an A4 sheet to compare the number of female infanticide cases in the states of Rajasthan, Haryana, Punjab and UP in the year 1975 and 2021. (Number of orders can be rounded on the graph. Use the scale properly for the number of orders).

Then answer the following questions on the basis of the given data.

- a) Which state had maximum cases in the year 1975?
 - b) Which state had minimum cases in the year 2021?
 - c) What is the difference between maximum and minimum cases in both years?
2. The COVID-19 pandemic and ensuing crisis exacerbated deep-seated social inequalities within our societies. Women, low-income households, children and young people, as well as low-skilled, part-time, temporary and self-employed workers, have all been disproportionately affected. Find out the confirmed COVID – 19 cases in first 15 states (starting from maximum cases to minimum cases) for the year 2022. Draw a pie chart on an A4 sheet for the first 6 states (starting from maximum).
- a. Prepare a mind map of the topic as per given roll no.
Roll no. – 1 to 12 – Polynomials
Roll no. – 13 to 24 – Linear Equation in two variables
Where to do: On an A3 size sheet.

NCERT:

- b. NCERT : Do all examples of Ch 1, 2,3 & 13
- c. NCERT Exemplar: Do 5 questions daily from NCERT exemplar on above topics.

Where to do:

In practice notebook

PHYSICS

Electricity makes an interesting journey from the generating station to our home.

It's always there whenever we flip a switch or plug in a cord, but electricity has to travel a long way to get to our house. In fact, the generating station where our electricity is made might be hundreds of miles away!

1. Project –Gather information about the major sources of energy generation in India. Explain how electricity is made and delivered to our home.
2. Draw a well labeled diagram of human eye on an A3 size sheet.
3. Explain reflection and refraction of light by spherical mirrors and lenses (all cases) on an A4 sheet.



CHEMISTRY

Scientific evidence is mounting that synthetic chemicals used as food additives may have harmful impacts on health. Food additives are chemicals that are added to food to keep it from spoiling, as well as to improve its color and taste. Some are linked to negative health impacts, while others are healthy and can be ingested with little danger.

1. Prepare a project report on toxicological effect of chemicals used as food additive. (preservative, sweeteners, stabilizers, coloring agent etc)
2. Make a neat and labeled diagram of Electrolysis of water on A4 size sheet.
3. Revise chapter1 and 2.



BIOLOGY

ACTIVITY-1

This activity is based on Chapter Management of Natural Resources. This will be incorporated in the portfolio and marked as per the directives received from CBSE. Make a detailed report on the topics as per the roll numbers mentioned below on A4 sheets:

Forests and Wildlife (Even roll numbers)

Topics to be covered:

- a) Forestry in India, Significance of Forests, Stakeholders of Forests, Deforestation and Conservation of Forests.
- b) Importance of Wildlife, Threats to Wildlife, Conservation of Wildlife and Endangered Species.
- c) People's Participation in Conservation and Management of Forests.

Water for all and Water Harvesting (Odd roll numbers)

Topics to be covered:

- Water Resources, Deterioration of Water Resources, Water Pollution, Management and Conservation of Water Resources, Dams.
- Need of Water Harvesting, Rainwater Harvesting, Watershed Management, Benefits of Underground Water.
- People's Participation in Conservation and Management of Water.

Note:

- Make a file of your choice with A4 size sheets only.
- Use illustrative pictures (printout or drawing) and data wherever necessary to make the project informative.
- The project should include the following:
 - Cover page
 - Acknowledgments
 - Bibliography (all the sources of information where you gathered the information from; examples: books, internet links etc.)

ACTIVITY-2

Social issues are problems that affect large groups of people and can affect how a society functions. Teenagers face social problems just like adults. They may even be more susceptible to these challenges because their brains are still developing, and their bodies are changing quickly. Social issues and what we might think of as teenage problem can affect emotional and physical health.



Explore the science behind the major teenage social issue: '**Addiction to Social Media**'

A) THE ADDICTION TO SOCIAL MEDIA: HOW TEENAGERS GET ADDICTED

Social media platforms can help teenagers feel connected and stay in touch with friends and family. Like any form of technology, social media has both positive and negative impact. And when it comes to the social media effects on teenagers, there are significant pros and cons to consider. The impact of social media on youth can also be significantly detrimental to mental health. To understand the issue better make a detailed report on A4 sheets using appropriate diagrams/ printouts and statistics connecting the pointers given below:



- How does social media affect brain activity?
- What part of the brain does social media stimulate?
- How does the internet affect brain function?
- Do media control our thinking?
- What are the negative effects of social media on brain structure and what are its effects?

- What is the conclusion of Social Issues?
- What causes Social Problems?
- What are problems in India?
- Why are Social Issues important?
- Conclusion
- Bibliography

Sustainable Development

- Cover Page
- Acknowledgement/Certificate
- Index
- Objective
- Introduction
- Sustainable Development
- Meaning of Sustainable Development
- Issue of Sustainable Development
- Importance of Sustainable Development
- Meetings/reports/summit related to Sustainable Development.
- Status of Sustainable Development
- Conclusion
- Bibliography



FRENCH

GUIDELINES FOR THE PROJECT-

- Project to be done using 3 A-4 size sheet.
- Project should be hand written.
- On the Cover page student Performa to be given- Name, Class, Roll no., Name of the school and topic.

Topic: Social Issues

- Ecrivez un petit article sur les problèmes sociaux comme la pauvreté, le chômage, l'environnement etc.et préparez une affiche.

Ou

- Créez une affiche de campagne sensibiliser aux problèmes de genre rencontres dans le pays et aux solutions possibles.



- Faites des questions dans le cahier.

Q. 1 Remplissez avec un pronom relatif composé. (N'oubliez pas d'ajouter la préposition)

- a) La chaise _____je m'assieds, fait beaucoup de bruits.
- b) Elle m'a donné un rendez-vous dans le café _____se trouve la gare.
- c) J'ai perdu l'agenda _____j'avais inscrit ton numéro de téléphone.
- d) Le village _____ nous sommes passés était très bon.
- e) Voici la raison _____je ne suis pas d'accord.
- f) La femme _____j'achète les fruits est belle.
- g) Nathalie est ma cousine _____je vais à la plage.
- h) Voilà un parc _____il y a mon appartement.
- i) Sophie est une belle amie _____je ne vais nulle part.
- j) C'est une belle idée _____tu as pensé.

Q. 2 Remplacez les noms soulignés avec des pronoms personnels convenables.

- a) La femme a mis les fleurs dans le vase?
- b) Ne vas pas à l'hôtel mais va au restaurant!
- c) Vous prenez quatre stylos pour votre sœur.
- d) Cette fille est venue avec ses parents à la boum.
- e) Ils iront au Japon demain avec ses amis.
- f) Nous allons à la plage.
- g) Il a rangé les cartes postales sur la table.
- h) Je passerai le week-end avec mon ami.
- i) Nous allons écrire des lettres aux parents.
- j) Elle a acheté les stylos à la papeterie.

(Questions 1 and 2 are to be done on A4 sheets and given to your subject teacher.)

INFORMATION TECHNOLOGY

Create a model of a town/city in Minecraft Education version which will have opportunities and infrastructure to promote safety of women. Record the video of your project with an explanation and upload on Teams.

Download Minecraft Education version from the website <https://education.minecraft.net/en-us/> and use your Teams Id and Password to login.



SEWA PROJECT

Kindly refer to ERP for Sewa Project. It is a compulsory PE project for the Grade X students.

Link for SEWA document:

https://docs.google.com/document/d/1P8YtdVDWlhvhZcOfaTmqoUCwbblzQIN_/edit?usp=share_link&ouid=111668732126106798009&rtpof=true&sd=true