



DELHI PUBLIC SCHOOL SRINAGAR

# WINTER WORK



**SESSION 2022**

**CLASS VIII**

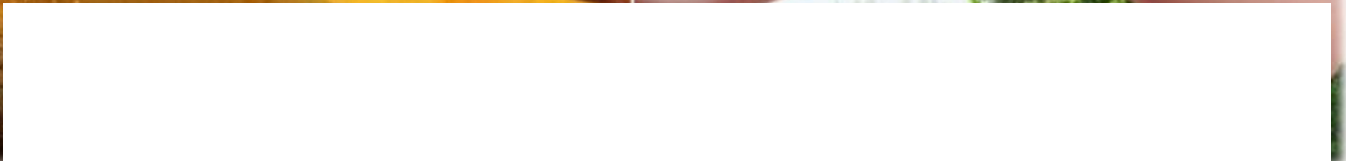
**“Projects are a fun and engaging way to allow students to collaborate and dive deeper into particular units or topics related to the curriculum. Using the holiday break to allow students to get started on the project is a perfect solution to this! Students must research, gather materials, and simply start brainstorming to ensure everyone is ready to jump in once you’re back from break.”**

## **INSTRUCTIONS**

1. This assignment is to be done by the students of **class 7<sup>th</sup> being promoted to class 8<sup>th</sup>**.
2. The winter assignment comprises of themes: **Environment, Culture and Heritage, Books, E-sports and Winter**.
3. The questions given under each theme are predominantly project based.
4. Students may choose any one of the themes as per their interests and inquisitiveness but theme **“Books”** is compulsory.
5. Few questions in the assignments are given wherein students will have to make videos. They must create a YouTube link for the same for submission.
6. Written work must be done on loose sheets. Neat and tidy work will be appreciated.
7. All the assignments need to be preserved as they will be a repository for the exhibition.
8. Students must keep winter work ready by 15 February and date for submission will be intimated once the school reopens.
9. The Urdu students will attempt Urdu questions and Hindi students will attempt Hindi questions.

**Note: Winter work will be treated as subject enrichment for each subject and comprises of 5 marks for each subject.**

# ENVIRONMENT



## THEME-1 ENVIRONMENT

*Earth provides enough to satisfy every man's needs but not every man's greed.*

*—Mahatma Gandhi*

*From birth to last breath, we are all supported by the environment. It provides us with every necessity in life. The environment is only eleven characters long word but its true meaning is unmeasurable. To live a comfortable life on Earth, requires some fundamental needs like air to breathe and water to drink and we are provided with all these necessities by the environment.*

*Global warming is increasing at an alarming rate. It has become a limelight in electronic and print media and has got the attention of people across the globe. It involves innumerable reasons and activities responsible for it. Human activities are altering the environment in a direction where it can impact us negatively. We humans owe a lot of responsibilities to curb it. So, it's our duty to take care of the environment so that the upcoming generations can lead a healthy and comfortable life. We being students can play our part by becoming a mini environmentalist.*

- ❖ Make a comic strip based on the seriousness of Environmental pollution; its causes and consequences. Make it interesting by illustrating its repercussions. Give a series of illustrations in proper sequence depicting something funny or caricaturing in nature.



- ❖ Draw a bar graph to show the waste generated by the following cities of India-Delhi, Mumbai, Chennai, Hyderabad and Bengaluru.
- ❖ ***Mahatma Gandhi rightly said "Sanitation is more important than independence". Swachh Bharat Abhiyan was launched by the government of India to solve the problems of sanitation and waste management in India by ensuring hygiene across the country.***  
What is the inspiration behind the Swachh Bharat Mission and mention the motive of Swachh Bharat Mission.
- ❖ Two of the Indian environmentalists who have spent several years of their lives fighting to save the environment are given alongside.



Identify them and also write paragraphs about their contribution and achievements.

- ❖ Create a bar graph in MS Excel using the data collected about the amount of waste produced by the following cities of India-Delhi, Mumbai, Chennai, Hyderabad and Bengaluru.
- ❖ “बदलें हम सब तस्वीर जहाँ की  
सुंदर सा एक दृश्य बनाएँ  
संदेश ये हम सब तक फैलाएँ  
आओ पर्यावरण बचाएँ । “  
पर्यावरण की इस छोटी सी कविता से प्रेरित होकर सभी छात्र पर्यावरण को सुरक्षित रखने के बारे में अपने विचारों को कविता , कहानी , नारे या संवाद के रूप में चित्रों सहित लिखेंगे तथा अन्य लोगों को जागरूक करने के लिए अपने विचारों को विज्ञापन के माध्यम से दर्शाएँगे ?

”عوامی ذرائع ابلاغ اور عصر حاضر“ کے موضوع پر مختلف تکنیکی وسائل کو ملحوظ نظر رکھ کر کم از کم پانچ سرکان (سلائیڈس) کی صورت میں اپنے تاثرات ایک پیشکش (PRESENTATION) کے لئے قلمبند کریں۔

”دریائے جہلم خطرے کی زد میں ہے“ اس موضوع سے متعلق مع تصاویر معلومات جمع کر کے دو سے تین منٹ پر مبنی ایک پیشکش (PRESENTATION) کم از کم پانچ سرکان (سلائیڈس) کی صورت میں پیش کریں۔

گچھو توہہ چھو سرنگر کو میئر (Mayor)۔  
کیا ہ کیا ہ کام کر و توہہ ما حو پچ آلودگی کا پھ رشیہ با پتھ محشیت  
میئر (Mayor) کر و میئس تقریریں مثر بیان۔



# Culture and Traditions!



## THEME- 2

### CULTURE AND HERITAGE

***“Never judge someone by the way he looks or a book by the way it’s covered; for inside those tattered pages, there’s a lot to be discovered”***

***Stephen Cosgrove***

*Cultural heritage is a way of living a community has inherited from previous generations that it passes on to the following generation.*

*Cultural heritage gives people a sense of unity and belonging within a group and allows them to better understand previous generations and the history of where they come from.*

*Cultural heritage implies a shared bond and our belonging to a community. It represents our history and our identity, our bond to the past, to our present and the future. In an era of globalization, cultural heritage helps us to remember our cultural diversity and develop mutual respect and renewed dialogue amongst different cultures.*

- ❖ ***Kashmiri culture is a repository of rich customs and traditions, which is famous throughout the world: be it cuisine, art and craft, architecture, festivals or the costumes like wazwan, paper machie, wood carving, carpet weaving, Eid Milad-un-Nabi , Hehrat, Pheran, Kasaab etc.***

Pick three customs/traditions and design your own flip book. Use pictures/newspaper/magazine cuttings in your flip book. Use your own innovative ideas to make your flipbook interesting and impressive. Also, the flip book should be a good resource of information.

- ❖ ***Khatamband Ceilings: The literal meaning of khatamband is polygons. It is an art of making ceiling by putting together walnut or deodar wood pieces into geometric patterns. The uniqueness of this craft is that when the process of its making is complete, it acquires a unique beautiful geometrical pattern and most of the process is done by hand involving a painstaking work.***
  - Draw any two geometrical designs of Khatamband.
  - How many ‘Star Shaped Pieces’ of  $6'' \times 4''$  are required to cover a ceiling of  $14' \times 15'$  ceiling?



❖ *Winter in Kashmir is unique. People here need to be prepared for the harsh winter and “Hamaam” is one of the solutions. Hamaam has Persian origin dating back to 400 BC. A typical Kashmiri Hamaam is a room with a hollow base for burning firewood which provides heat. It also ensures the supply of hot water through an attached copper tank called khazan in Kashmiri. Hamaam is also a healthy alternative to gas heaters and coal heaters.*

- Research and explore the whole scientific process used in heating up the hamaams. Paste the pictures on the scrapbook which you have to create using old notebooks, drawing books, scrap books or your previous class almanacs.
- Hamaam is healthy alternative to gas heaters and coal heaters. How?

❖ *The Rajatarangini or the ‘River of Kings’ by Pandit Kalhana is the earliest history of Kashmir. It is a historical poem, which, was written between 1148 and 1150 A.D. The book provides valuable social and political information about Kashmir and the rest of India. The book is written in Sanskrit language and has been translated into many languages by many scholars and translators. The first translation of a portion of the Rajatarangini was carried out in Persian, at the behest of Sultan Zain-ul-Abidin (1421-1472) A.D. of Kashmir. The version was entitled Behr-ul-Asmar, (or the sea of tales).*

What is the contribution of Rajatarangini in the history of Kashmir? It should include the following points:

- Historical Significance.
- Who translated the book into Persian and English?
- What was the subject matter of Rajatarangini and who continued the Rajtarangani of Kalhana.

❖ Create a website using HTML and CSS describing the various tourist attractions across Jammu and Kashmir. Create a separate webpage for each tourist spot. Use images and also include a brief description of the places.

❖ “ आओ धरती पर स्वर्ग की वेशभूषा से परिचित कराएँ ।

इस स्वर्ग का मान बढ़ाए

सबको मिलकर ये समझाएँ

कितनी प्यारी है ; कश्मीर की पारंपरिक वेशभूषाएँ “

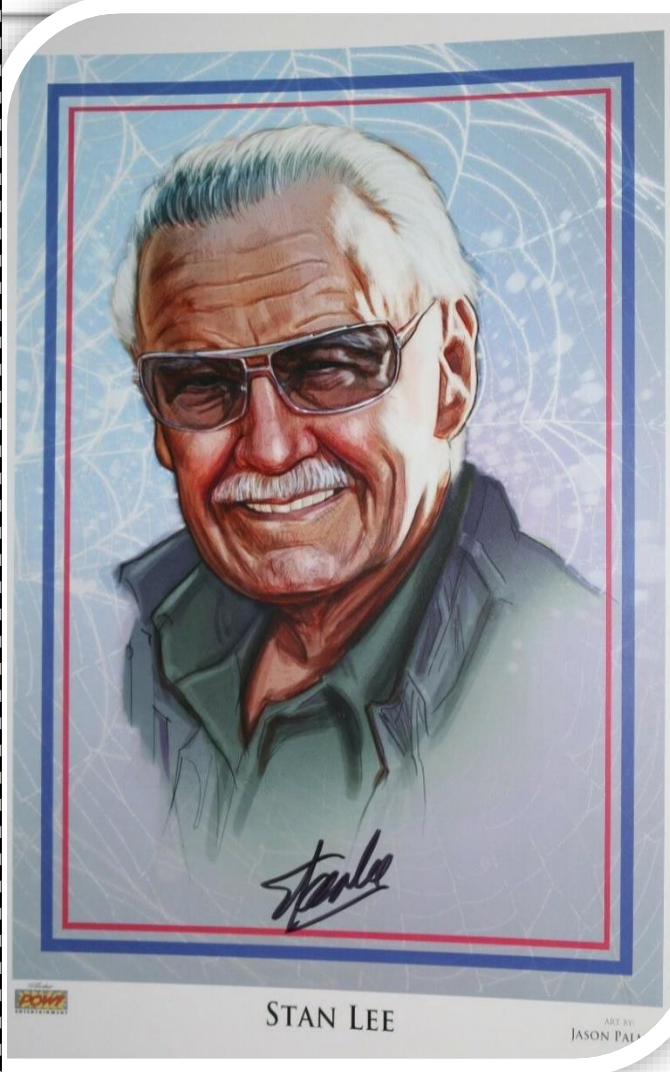
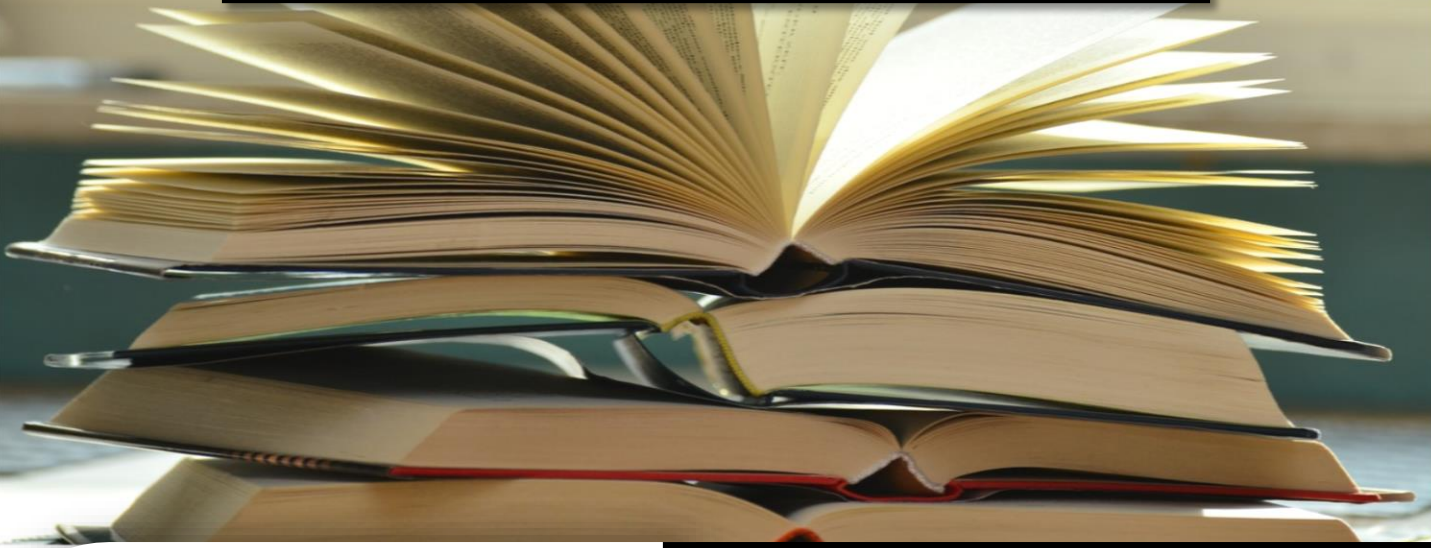
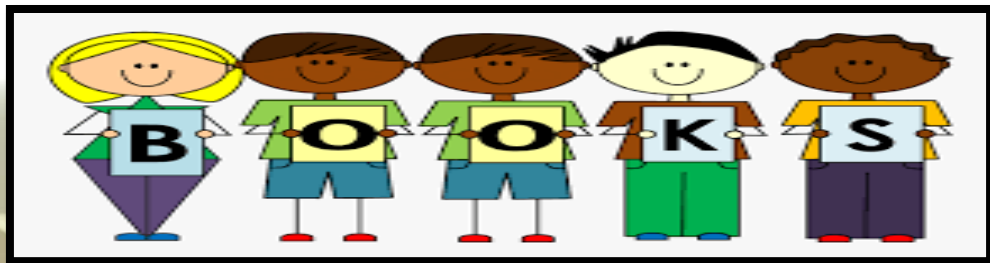
کشمیر کی پارंपरिक ویشبھوآؤں کا اپنا مھتھو ہئ ۔ کشمیر کے ویشبھن وٹھوں کو ڈھارن کرکے اپنے پارِیوارِیک سدسوں کے ساٹھ اُبھنِی کرکے ہوئے اپنے ماما – ٲِیٹا اور وُڈھجنوں سے کشمیر کی پارंपरिक ویشبھوآؤں کے بارے مں جانکاری ٲراست کرکے ہوئے اُک وِیڈیوں بناوئے اور اپنے وِیچار سٲٹھ کیجئے کہ اپنے ٲرِیوار کے ساٹھ اُھ گتِی وِیڈِی کرکے سَمِی آپ کو کسسا لگا اور آپ کو کُیا جانکاری ملی ؟

کشمیری قہوہ مں جن مسالہ جات کا استعمال کیا جاتا ہے ان کی اُیک فہرست خوبصورت رنگین تصاویر کے ساٹھ دلچسٲ اشتہار کے انداز مں تیار کیجئے۔ تاکہ اشتہار سے متاثر ہو کر مین الاقوامی سطح ٲر لوگوں کے دلوں مں قہوہ کی رغبت ٲیدا ہو سکے۔

نوٹ:- یہ اشتہار جماعت مں ٲر اسلوب انداز مں ٲیش بھی کرنا ہے۔

میںس ٲتھ کالس گن نظر تر اوتھ چھ اسہ نیمہ کتھ ہند باس میلان زاس کاشری کاٹھ  
سیو دتہ ساو زندگی چھ گزاران اُس متری۔ ساء کاشری زتہ چھے کانہہ تہ چیز دگنہ باتھ  
یا تہ کنس مثر مرٹ واگن دگان یا تہ وو کھلس مثر مثر دگان اسہ مڑ۔ ووئی چھ یمن  
سارنہ چیزن ہندی متبادل چیز استعمال کرنہ یوان۔ یو نہ کنہ دتہ آمتن چیزن ہندی  
فوٹو گری وچ تہ بنا وواکھ وید یو، گون تہ تر اوز یوس متری۔ ٲرامن چیزن ہندی فوٹو  
گوہن بلیک این ولٹ (Black & White) آس تہ نوین چیزن ہندی  
گوہن کلر دار آس تہ۔

- |                             |            |
|-----------------------------|------------|
| چڑک ناو                     | متبادل چیز |
| ۱۔ وگو                      | وال ٹو وال |
| ۲۔ وو کھل تہ کاجہ وٹھ       | گرہ مثر    |
| ۳۔ گکار مثر ٲلو وروئی تھوئی | واگن مشن   |
| ۴۔ لال ٹن                   | بجلی مثر   |





## THEME-03

### BOOKS

#### “The Land of Story-books,”

*These are the hills, these are the woods,  
These are my starry solitudes;  
And there the river by whose brink  
The roaring lions come to drink.*

*I see the others far away  
As if in firelit camp they lay,  
And I, like to an Indian scout,  
Around their party prowled about.*

*So, when my nurse comes in for me,  
Home I return across the sea,  
And go to bed with backward looks  
At my dear land of Story-books ...*

**Robert Louis Stevenson**

- ❖ *Let's be an author and try to recreate and relive our life. Let's be nostalgic and try to be reminiscent about our life. Let's remember the past and the life spent to have that feel and aroma again. Let's live in the pages of books to make our life memorable and refreshing at every new stage of life.*

Write a small autobiographical booklet in form of either fiction or non-fiction based on the events of your life. Try to be more descriptive rather than giving timeline and logistics. You can add memorable snaps to the booklet to make it more attractive and enjoyable. You can also express the emotions in form of language and pictures. It will be an opportunity to exhibit your unique personality to your all nears and dears.

❖ Draw a pie graph of books published by the following mathematician.

1. Leonhard Euler.
2. Carl Friedrich Gauss.
3. George Cantor.
4. Pythagoras.

Also note down the achievements of one of the above mathematicians.

❖ Write the names of the five famous scientists. Also mention the name of the papers they have published and give a brief description of any one of the papers.

❖ During freedom struggle of India many nationalists have contributed to liberate India by their writings. Discuss the role of these books in the national awakening and mention any five notable works of Indian nationalists.

❖ Create a power point presentation in which you will create different slides dedicated to 2 of your favorite books you have read over the years. Briefly mention in the slides:

- Plot/Summary of the book.
- Mention some points about the main character of the book.
- Use pictures of books (favorite chapters, passages, images etc.) in the power point presentation.

❖ किताबें ज्ञान का भंडार होती हैं ; जो हमारा लक्ष्य निर्धारित करती हैं ।

जब भी हम एक अच्छी किताब पढ़ते हैं , तो कहीं न कहीं दुनिया में हमारे लिए रोशनी का एक नया दरवाज़ा खुलता है ।

मुंशी प्रेमचंद हिंदी के प्रसिद्ध लेखक थे । उनकी पुस्तक ( बाल कहानियाँ ) पढ़कर अपनी प्रिय कहानी की समीक्षा लिखिए ।

شہنشاہ غزل مرزا غالب کے ”دیوان“ سے انکی رباعیات کا بغور مطالعہ کیجیے۔ بعد ازاں ان میں سے اپنی پسند کی پانچ رباعیات کو خوشخطی کے ساتھ مع شرح قلمبند کر کے ایک کتابچہ تیار کیجیے۔  
(دیوان غالب)

”کلیات حبہ خوتون“ کتابہ مثر ژاؤ رو زبانتہ کر و قلم بند ا کس چائس پٹھ ستر کر و زبانی یاد۔

# E-SPORTS

THE FUTURE IS HERE





## THEME-04

### E-SPORTS

*“After making all the mistakes, every player has a chance to turn the outcome of the game around by making the right moves next.”*

*— Zoltan Andrejkovics*

*E-Sports can boost children strategic thinking, teamwork, communication, leadership, performance skills and confidence building.*

*Players who participate in E-Sports programs are found to have a higher interest in STEM (Science, Tech, Engineering, and Math) subjects and have strong average GPAs. E-Sports helps them engage with their fellow students and their schools.*

- ❖ IT has got pivotal role in contemporary world in the form of blogging, social media and other business apps. We cannot do anything without it. Write a blog about the importance of IT in the field of e-sports and online poetry etc.
- ❖ 50 students are playing e-sports of different games in which 20 students like e-sports of mini-golf master, 18 students like e-sports of goalkeeper challenge and 12 students like e-sports of north hockey. Find the probability of each e-sports mentioned. Also check whether probability of each e-sports mentioned is 1 or not.
- ❖ How science and technology has raised the level of e-sports.
- ❖ Make an E-chart representing negative effects of e-sports on human behaviour.
- ❖ Make a Power-point presentation about the emergence e-sports in the world. Add various slides explaining the concept of e-sports, various games played in e-sports tournaments, various e-sports tournaments held in the world, famous e-sports teams and at the end add a slide which briefly explains your views on gaming in general.

Winter



## THEME-5

### WINTER

*"We cannot stop the winter or the summer from coming. We cannot stop the spring or the fall or make them other than they are. They are gifts from the universe that we cannot refuse. But we can choose what we will contribute to life when each arrives."*

– Gary Zukhav

The winter season brings fun opportunities to teach about weather, cultures and the science of snow. While not all regions get to experience snow, it's still fun to teach about the coldest season of the year. Because the nights are longer during the winter season and the days are shorter, this magnificent season also provides an opportunity to teach about time and our solar system.

The winter season can be a disheartening time of year, especially with the cold and darkness. However, many cultures and traditions see this as a time for reflection and giving back to society. Festivals celebrated around this time focus on extending a helping hand to children and the poor.

- ❖ Harsh winter has set in and it has gripped the whole valley in its clutches. It has shrunk the globe and molded most of the creatures in brass like way. Write a letter to your cousin who studies in foreign country and provide him information about "Chilai Kalaan" (40 days of intense cold) in Kashmir.
- ❖ *Food preservation, any of a number of methods by which food is kept from spoilage after harvest or slaughter. Advances in packaging materials have played an important role in modern food preservation. People in Kashmir prefer to relish the taste of traditional food even when the fresh food at times is not available in the valley due to harsh climatic conditions.*  
Write about various preservation techniques used in Kashmir for storing food in winter season.



- ❖ Climate has shaped the history in different regions of the world: write a detailed account on, how in Medieval Kashmir the winter season has played an important role in laying the foundation of the Mughal Empire with special reference to 1586-1587 war between Mughal and Chaks. In addition, collect information about the jewel among the 9 jewels of Akbar who was killed during this invasion.
- ❖ Make a short video (in Kashmiri language) explaining “The importance of Chilai Kalan”.

– प्यारे बच्चे ईश्वर ने आप सब को अच्छी सोच . विचार का वरदान दिया है ,  
अपनी सोच के अनुसार दी गई कविता को तुकबंदी वाले शब्दों के दृ वारा  
पूरा  
कीजिए -



सर्दी आई बर्फ ओढ़ के हमने पहना स्वेटर ।

स्वेटर में कांपे हड्डियाँ लाओ लाओ हीटर ॥

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ताव पाकर मिली राहत कुछ गर्म खाने का किया मन ।

बोल पड़े तपाक से मम्मी पकोड़ी बनने दो गर्मा गरम ॥

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बर्तन धोने की बात सुन मानो सर्दी हुई और सर्द ।

पकोड़ी के लिए रख दी गई बड़ी भयानक शर्त ॥

"چلہ کلان" کی اہمیت اور اس سے جڑی ہوئی چیزوں کی ایک فہرست مع تصاویر و معلومات جمع کریں۔

وہد و آتی تھی چھ آس پٹن فرش تبدیل کران یمن مثر خاص کر تھہ صمدہ تہ کہن ہند استعمال چھ  
سپدان۔ گنہ اکہ چہرک نمونہ بناؤ و "صمدہ" یا "کبہ"

