

Let's  
Learn



Let's  
Explore



# WINTER ASSIGNMENT

## CLASS 6

### SESSION 2022

*JOYFUL AND MEANINGFUL LEARNING*



HELLO  
EVERYONE!  
I AM \_\_\_\_\_  
\_\_\_\_\_ the great!  
I belong to  
Class/Sec \_\_\_\_\_

PASTE  
YOUR PICTURE  
HERE

Come and explore some activities

Let's  
Enjoy



Let's  
know



**“A good beginning makes a big difference...”**

**Make sure you begin this academic year with new hopes and a positive mind set to make it a brighter chapter in your school life full of knowledge and learning.**

## **INSTRUCTIONS**

1. This winter assignment is for the students who have been promoted to grade 6.
2. The winter assignment comprises of themes: Environment, Culture and Heritage, Books, Media 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 “**Environment**” is compulsory.
5. Few questions in the assignments are given wherein students will have to make videos. They must create a you tube link for the same for submission.
6. 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.

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





***Environment is no one's property to destroy; it's everyone's responsibility to protect.***

**\_Mohith Agadi**

*The surroundings in which life exists on earth is called the environment. The environment contains air, water, sunlight, trees, animals, and human beings. Every creature is a natural resource for each other. However, the environment has components of the atmosphere and hydrosphere that influence the life of living beings. Gases such as nitrogen and oxygen are present in the atmosphere. Hydrosphere covers all the water bodies every living being is created according to the features of these components. For example, aquatic animals are created to breathe underwater. Aerial animals are made to breathe in air.*

*Environmental health is on a rapid decline. What started with using natural resources like wood, fossil fuels, water in a balanced manner has gotten so out of hand that natural resources are at the brink of vanishing forever.*

*Pollution caused by man is the most significant reason for the environment's degradation. Water, land, soil, and noise pollution are toxic to the environment. Throwing out garbage here and there, washing clothes and dishes in the pond and river water using chemical soap causes water pollution. As a result, the creatures living in the water end up dying.*

*Change in environment has led to increase incidents of forest fires. Since the 1940's the number of fires per year had increased from around 1000 to around 3500. In 2007, the IPCC Fourth Assessment Report said that "Warmer, drier conditions will lead to more frequent and prolonged droughts, as well as to a longer fire season and increased fire risk, particularly in the Mediterranean region. The fires were some of several extreme weather events around the world in 2021.*

*Wildfires in the forests of Turkey are common in summer, principally in the Mediterranean and Aegean regions, however, May 2021 was the hottest May for over 50 year and followed a drought, made more likely by climate change.*

❖ ***“What we are doing to the forests of the world is but a mirror reflection of what we are doing to ourselves and to one another”.***

*Mahatma Gandhi*

- Create a story in about 150-200 words using the title ‘The Haunted Jungle’.

- Draw a bar graph for the areas burned by wildfires in Turkey from the year 2009 to 2015.

Year	Area burned in hectares
2009.	5,798
2010	1,258
2011	8,985
2012	9,689
2013	19,973
2014	7,172
2015	47,738

- Make a model showing water pollution in Ganges.
- Trees are an important component of our environment and are useful to us in many ways. Write about the importance and uses of the given trees found in Kashmir.

- Chinar
- Walnut
- Deodar
- Willow

- Create a word document on the topic environment and insert pictures of various sources causing environmental pollution.
- प्रकृति पर नीचे दी गई पंक्तियों को पूरा करके कविता को पूरा कीजिए तथा इस कविता को अच्छा सा नाम भी दीजिए –

आओ मिलकर कसम खाएं,  
अपनी धरती हरित बनाए।

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पेड़ धरती की शान है,  
जीवन की मुस्कान है।

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आओ पेड़ लगाए हम,  
पेड़ लगाकर जग महकाएँ हम ।

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• ماحول میں پائے جانے والے چیزوں کی فہرست بنا کر ایک نظم مرتب کریں۔

• قودرتن اوس یہ دُنیا شو دتہ شو، شوژ ماحول عطا کرتہ تمام زوزاً ژن ہندِ خاطر بسُن لایق پادِ

کورمت۔ انسان کور پر تھ کا نہہ شو، شوژ چیز پنہ خود غرضی تہ نادانی ستر اولوڈ۔

"پن اوند پوکھ تھ اوصاف"، عنوان مد نظر تھ اوتھ ہا ووو یڈ یوڈ سی اسی کتھہ گنی ہکبو پن اوند پوکھ صاف

تھ اوتھ۔ (مختلف و سپلوڈ سی ہا وو)





# CULTURE & HERITAGE



***A people without knowledge of their past history, origin, and culture is like a tree without roots''***

***\_ Marcus Garvey***

*Jammu and Kashmir has the distinction of having multifaceted, variegated and unique cultural blend, making it distinct from the rest of the country, not only from the different cultural forms and heritage, but from geographical, demographically, ethical, social entities, forming a distinct spectrum of diversity and diversions into Kashmir,*

*Kashmir is dotted with a large number of heritage sites that include not only palaces and gardens but also Buddhist ruins, mosques as well as Hindu Temples. Amongst the top heritage attractions in Kashmir region is Pari Mahal, also known as the Abode of Fairies. Built for Mughal Prince, Dara Shikoh, Pari Mahal on Zabarwan mountain is a 17th century palace. Sheesh Mahal in Srinagar is another must visit tourist attraction in Kashmir that reflects its glorious heritage. It is named so for its exquisite mirror work.*

*Hari Parbat Fort is another fine example of Kashmiri architecture. The ancient temple at Narastha Tral; ruins of ancient temple and spring of Kothier Nowgam, Anantnag; Mosque and Tomb of Madin Sahib Hawal, Srinagar; Mamleshwar Temple at Mamal, Pahalgam; ruins of temple at Firozpur, Drung; ancient Buddhist site, situated in compartment No.30 at Hionar (Lidroo), Pahalgam along with the Mughal Gardens that are done in Persian style of architecture are some of the heritage sites in Kashmir.*

*Jammu promises valuable insights into the region's glorious history. The heritage sites in Jammu region include Hindu temples, a Buddhist site, and a tomb along with many forts and palaces. The Akhnoor Fort is one of the top heritage sites in Jammu that sits comfortably on a cliff with the River Chenab and narrates history from Harappaan to Kushan period. Mubarak Mandi is another popular historical palace in Jammu that sheds light on its rich heritage. Once the royal residence of Maharaja of Jammu and Kashmir from Dogra dynasty, it is a magnificent blend of Rajasthani and Mughal architecture.*

**❖ *Kahwa is a fragrant, mild green tea made with whole spices, saffron, and almonds. It is a famous beverage of Kashmir and is a warming tea which is always served hot. Using whole spices and saffron makes Kashmiri Kahwa warming for the body which suits the cold climate of Kashmir. It refreshes, rejuvenates, relaxes, soothes, calms and makes you feel good.***

- In Kashmir, saffron Kahwa is prepared with the best dry fruits to add flavour to it. Share an experience in about 100-150 words when you really enjoyed Kahwa on some wedding function prepared in Samovar.



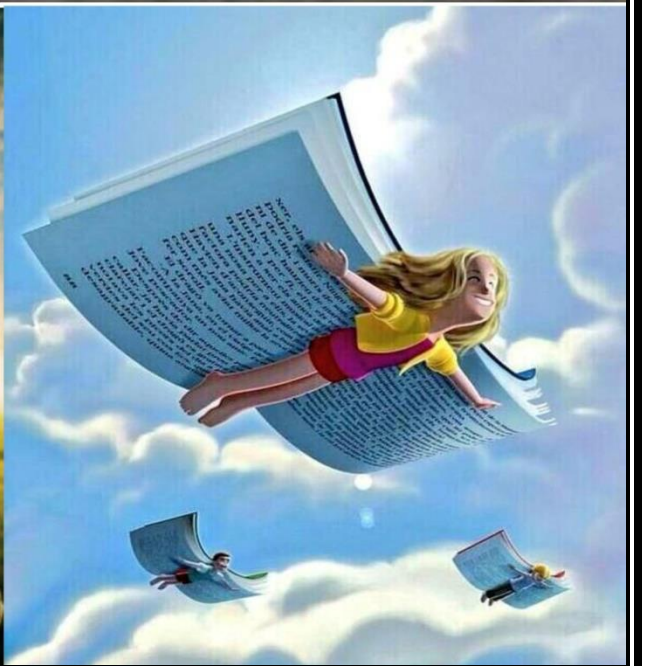
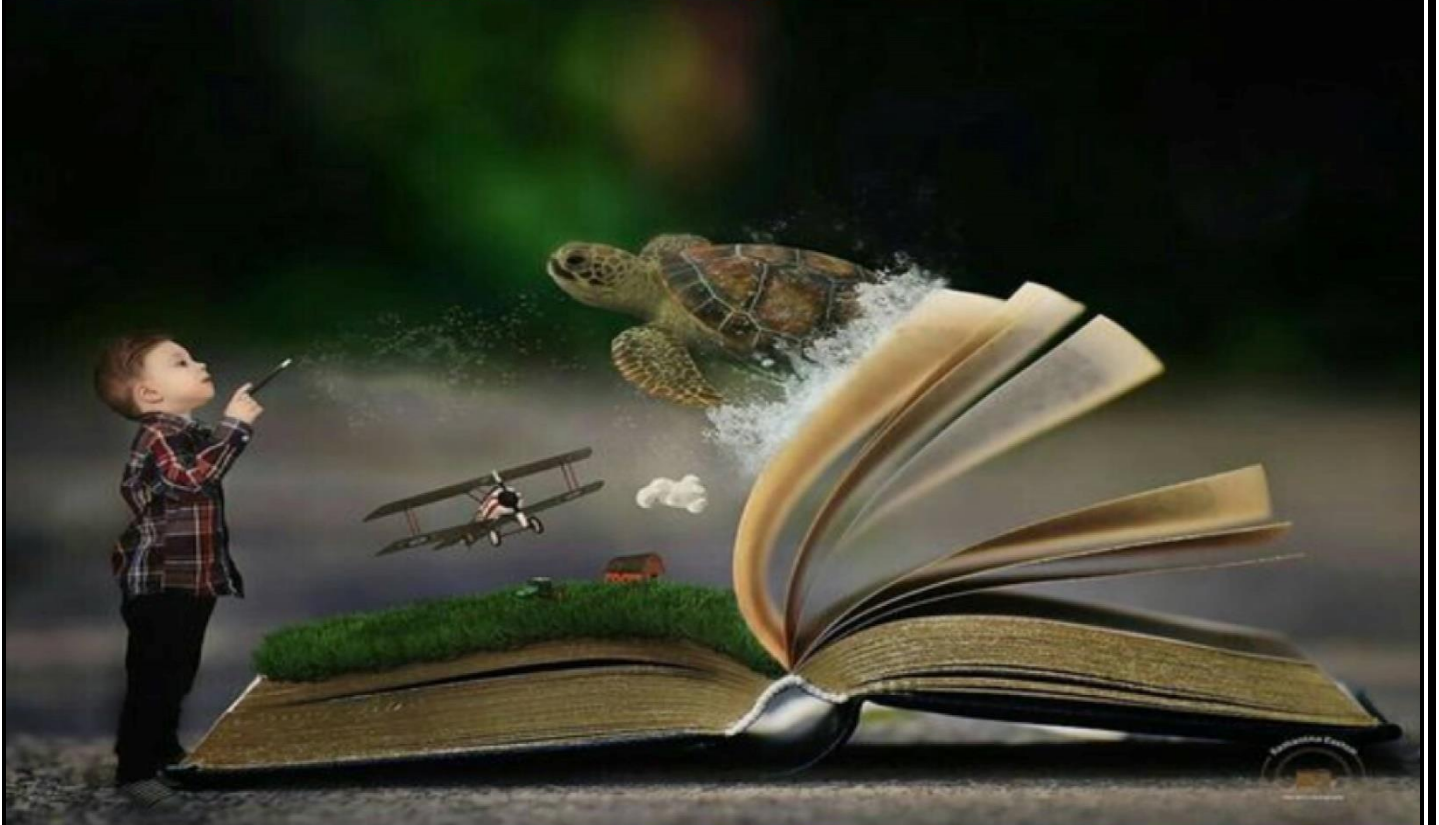
❖ **Khatamband Ceilings:** The literal meaning of Khatamband is polygons. It is an art of making ceilings by putting together walnut or deodar wood pieces into geometric patterns. The uniqueness of this craft is that when the process of its making is complete, it acquires a unique and beautiful geometrical pattern and most of the process is done by hand involving a painstaking work.

- Draw any two geometrical designs of Khatamband.
- How many regular hexagonal shaped pieces of size 15 cms will cover a ceiling of dimensions 3m x 4m
- Make a model of Mortar and pestle using garden soil. Mention its various uses in kitchen and Science Laboratories.
- Gather and collect information about any two heritage sites of J&K and pen down the same on your scrap book.
- Make a model of various simple machines that were used during ancient civilization.
- Using any app make a collage of different heritage sites in Jammu and Kashmir. Students have to send the image after 15 Feb on the Gmail account of concerned subject teacher.
- कश्मीर की संस्कृति ( नृत्य , खान-पान , पोशाक तथा आभूषण ) आदि के चित्रों के द्वारा एक कॉलाज बनाइए तथा कक्षा में कश्मीर की संस्कृति पर कुछ वाक्य सुनाइए ।

• صقافتى ورشہ کے بارے میں اپنے دادا، دادی یا نانا، نانی کے ساتھ بیٹھ کر بات چیت کرتے ہوئے ایک ویڈیو تیار کریں۔

• کُشیر ہند میراث: کُشیر ہند میراث چھ پتہ و تے سارنے سرس رو دمت، میراث نظر ن تل تھآ وو نو کُشیر منز کیمہ جایہ ہند کیا چھ مشہور۔ مثالے تیل بل چہ گاڈ، شپنکو ژو ٹھکر۔ (صرف پانٹون جاین ہند)

# BOOKS



***“Many people, myself among them, feel better at the mere sight of a book”***

***Charles W. Eliot.***

*Thoughts of great men are bound in books in the form of language. Men may betray us but books never betray anybody. So books are really our best friends. They are also our guides, philosophers and guardians of our souls.*

*Books are a storehouse of knowledge. They provide information and satisfy the hunger for knowledge. Moreover, books makes a man happy and cheerful. Reading does not tire us but it increases our appetite. Books contact us with great thoughts, different characters and a lot of information. We learn what they said or did.*

*Choice of books is necessary. No man can read all the books published in all the languages. Hundreds of books are being published every day in the world. So selection is necessary. We must avoid bad books and save our valuable time.*

• **Let's complete the couplets**

*Books are the real treasure  
To read them is a \_\_\_\_\_*

*Some tell us about diaries  
Some tell us about \_\_\_\_\_*

*Some take us to the world of magic  
Some have the elements of \_\_\_\_\_*

*Some tell us about sages  
Some are suitable for all \_\_\_\_\_*

*Some books are about the beauty of nature  
I read one about a strange \_\_\_\_\_*

*To me books are more precious than a friend  
I like to read them till \_\_\_\_\_*



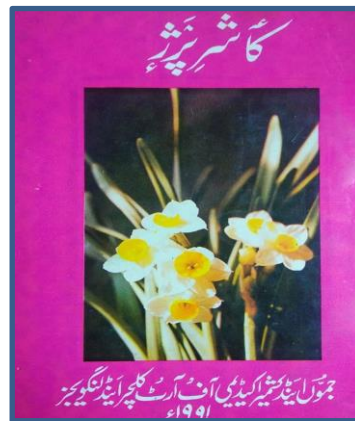
- List and then explain 10 mathematical tricks and 5 formulas of mathematics.  
Note: You will have to demonstrate in the class after winter break.
- Let's make this winter vacation more exciting by performing some fun activities. Students are directed to go through the book "**Fascinating Science for kids**" and perform various activities.

- Make any 3 models of your choice from the book.
- Link for downloading PDF of above mentioned book:

<https://www.google.com/url?sa=t&source=web&rct=j&url=https://librarykvmsmd.files.wordpress.com/2015/12/sciencebook.pdf&ved=2ahUKEwiZuvWi5bL0AhVszjGhUraAVUQFnoECAQQAQ&usg=AOvVaw0iiw btXOISACGhgtbyzBx>

- Read the autobiography of Mahatma Gandhi(MY EXPERIMENT WITH TRUTH) and write about his contribution in the freedom struggle of India.
- Create a spreadsheet document specifying the Title, author, subject , price, and pages of the books which you referred for making of Urdu and science assignments based on theme "Books".
- प्रश्न :- मुंशी प्रेमचंद की दो बाल कथाएँ पढ़कर उनको अपनी समीक्षा कक्षा में सुनाइए -

”کلیاتِ اسماعیل میرٹھی“ کا مطالعہ کر کے ان کی پانچ نظمیں تحریر کر کے ایک کتابچہ تیار کریں۔



دینہ آرمہ کتابیہ مرزا آرواہہ پریس لیکچر پینے نین کا پی پی پٹھ خوش خطی سان، پیپہ بوزناؤد کھ تمنن مرزا  
پانچ پریس پینر مانی ژاٹہ باج۔



***“Whoever controls the media, controls the mind”***

**-Jim Morrison**

Media refers in general to the various channels of communication through which we disseminate news, music, movies, education etc.

Media plays significant role in strengthening the society. Media is considered as “Mirror” of the modern society.

The social media has made the statement ‘the world is a global village’ made by Marshall McLuhan. The major revolution of the social media is all about the transformation of how different activities were carried out in the past and reduced communication gaps amongst people.

- ***There are millions of people using social media platform. It is important because it allows you to reach, nurture, and engage with your target audience – no matter their location.***
- Design a poster in not more than 50 words to emphasize the importance of social media.
- ❖ ***Social media is the most influential and important virtual space as it is not only used for social networking but is also great platform for digital advertising.***
- Suggest different ways how social media has been useful in spreading awareness regarding Covid-19?
- The tools of mass media have changed the world into a small global village. Explain. [100-150 words]
- Create a PPT on how as a student, different sources of media has made your life easier during Covid-19 pandemic?



- सोशल मीडिया के लाभ और हानि भी हैं। नीचे दिए गए सुविचार को देखकर आप भी सोशल मीडिया पर एक सुंदर सा सुविचार बनाइए -



• چند اردو شعراء کی حالاتِ زندگی کو تصویریں کے ذریعہ بیان کر کے ایک پی پی ٹی تیار کریں۔

• مادی ترقی، ستر پوک انسان واریاہ بر فہمہ پن پان رنژناونہ با پتھ چھ مختلف اسپن مثالے  
 موبائل فون، ٹیلی وژن بیتر چیزن ہندا استعمال کران - پنہ نین زٹھن نش کر معلوم پتھ کالہ بیلہ نہ  
 بیم و سپلہ اس لو کھ کتھ کئی اس پن پان رنژناوان -

• حاصل کر ہوزان کرو کاشری پاٹھر ویڈیو سکرپس، ویڈیو گزھ صرف ترہن یاژون منٹن ہندا آسن۔



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*“In the midst of winter, I found there was, within me, an invincible summer. And that makes me happy. For it says that no matter how hard the world pushes against me, within me, there’s something stronger — something better, pushing right back.”*

*-Albert Camus*

*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.*

- **Complete the conversation between you and your friend:**

**You:** Oh, it feels so cold this morning.

**Friend:** Early this morning

\_\_\_\_\_

\_\_\_\_\_

**You:** Who would have thought it could be this cold early November, especially in \_\_\_\_\_.

**Friend:** I know. The temperature \_\_\_\_\_ I woke up this morning. I was freezing as soon as I got out of bed. The cold weather just hit \_\_\_\_\_.

**You:** I cannot remember when it was this cold in November.

**Friend:** Brace yourself for the \_\_\_\_\_.

**You:** Is it going to snow this afternoon?

**Friend:** Not only this afternoon, but also \_\_\_\_\_.

**You:** Oh, it is going to be \_\_\_\_\_. I have a \_\_\_\_\_ tomorrow. To walk from \_\_\_\_\_, I will have to juggle my \_\_\_\_\_ and my umbrella.



**Friend:** The news said that it would start to \_\_\_\_\_ noon, and then it would snow really hard by \_\_\_\_\_.

**You:** No hope for better \_\_\_\_\_.

**Friend:** There is a slim chance of sunshine by \_\_\_\_\_. However, it will be foggy, windy, and rainy before \_\_\_\_\_.

**You:** I am glad that it snows, even though I do not \_\_\_\_\_. We had a very dry season so far this year.

**Friend:** Yes, I can hardly remember \_\_\_\_\_. Well, as long as there is no \_\_\_\_\_, I can bear it.

**You:** We rarely have thunder or \_\_\_\_\_.

**Friend:** We are very lucky that \_\_\_\_\_.

**You:** It looks so pleasing when everything is covered with a \_\_\_\_\_ white snow.

**Friend:** Let's create a song for this \_\_\_\_\_.

**You:** What a wonderful \_\_\_\_\_!

**Friend:** Here it is! Complete these couplets and you will feel chilly \_\_\_\_\_.

- During winters we use wood for “Hamaam” if the cost of wood per 200 kg is ₹ 1000, then what will be the cost of same for 10 quintals (1000 kg)? Also, in how many days this quantity of wood will be consumed if the rate of wood consumed per day is 20 Kg?

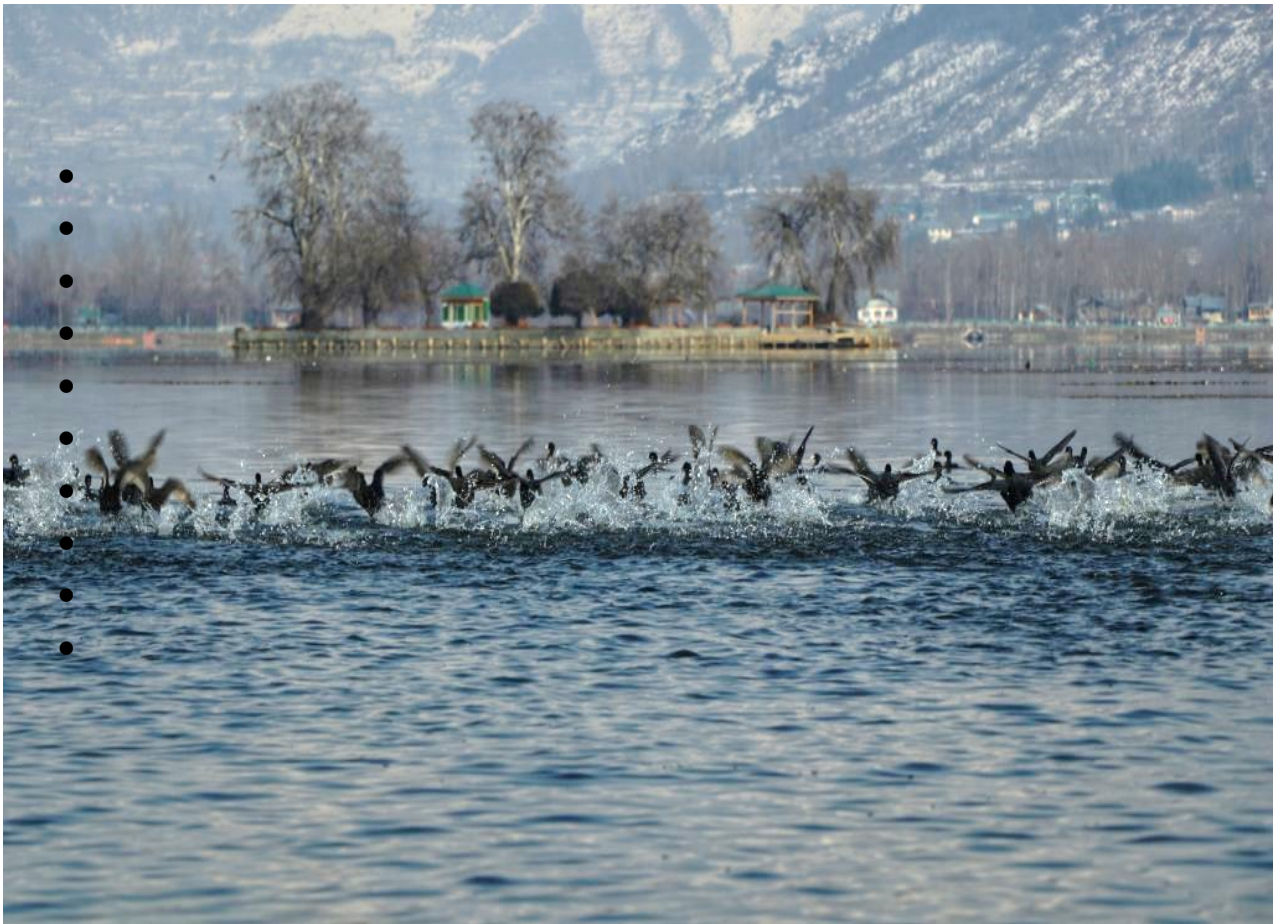
#### ❖ Fun in the kitchen

*Lotus stem, locally known as “Nadur” grown in shallow parts of water bodies like ponds & lakes is a vastly enjoyed ingredient in Kashmiri cuisine.*

- Make a booklet/scrapbook to answer the following questions with pictures and description.
  - Find out and write about the seeds of Lotus stem.
  - Write the nutritional value/health benefits of Lotus stem.

- Assist your mother to cook a dish in which “nadru” is the main ingredient.
- Find out one famous street food made with it, write the recipe of the same on the scrap book which you have made.

❖ **Migratory birds of Kashmir.** Kashmir valley has the largest bird reserve/ wetland situated in the Jehlum River basin. Migratory birds always arrive in wetland reserves of our valley as they come here to spend the winter months. People living around the Valley's wetland reserves witness hundreds of migratory birds landing and taking off each day.



- Collect information about all the wetlands of Kashmir valley that is regarded as the heaven for migratory birds. Write short description of each wetland.
- Find out migratory birds arriving in the valley and paste their pictures on the scrap book created by you.
- Based on the questions given below, create a power point presentation .PPT should include text as well as Images.
  - What is winter called in kashmiri?
  - What do Kashmiri's wear in winter?
  - What is kashmiri kangri?
  - Which cuisine you like to eat most during winters?

- प्सर्दी के मौसम पर एक चुटकुला दिए गए डब्बे में लिखिए –  
जैसे -----



• बर्फ बारी के موسم में बजली का कहें नाम और नाम नही है और ना ही गहर में कौئی خاطر خواه  
• انتظام है बजली का - आप ने शाम का कھانا کیسے کھایا - اپنا تجربہ تصاویر کے ساتھ بیان کریں -  
• اشارہ: : شام کا کھانا موم بتی تلے (Candle Light Dinner)

• وندس مئز تزنش بچنہ باپتھ کمں چیزن ہند استعمال کو روتوہہ تمن چیزن مئز بناؤ وگنہ اکہ چیزک  
• نمونہ پیہہ گروتیج اہمیت دون منٹن ہندس وپڈ یوہس مئز بیان -



