

Let's
Learn



Let's
Explore



WINTER ASSIGNMENT

CLASS 7

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 assignment is to be done by the students of **class 6th** being promoted to **class 7th**.
2. The winter assignment comprises of themes: **Environment, Culture and Heritage, Books, Artificial Intelligence 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 **“Artificial Intelligence”** 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.
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

The environment is the natural surroundings of the earth that enables an organism's survival. The French word 'environ' that means to surround is a derivative of the word environment. It consists of living beings such as humans, plants, and animals. The air, water, and land are non-living entities. Their functioning is designed by nature in such a way that everything is dependent on each other. The human being is the most dominant creature of all the beings that can depend on all the natural resources of the earth. He requires the air to breathe. Not only humans but plants and animals also need air to breathe. There will be no life on earth without air.

❖ Answer the following riddles:

- ✓ I touch your face. I am in your words. I'm lack of space and beloved by birds. What am I?
- ✓ What has roots as nobody sees, is taller than trees, up it goes, and yes it never grows.
- ✓ What grows when it eats, but dies when it drinks?
- ✓ Can run but never walks. Has a mouth and never talks. Has a head but never weeps, has a bed but never sleeps.

Create 5 more riddles using theme: **NATURE**

- ❖ There are 136 fir trees, 170 maple trees and 255 pine trees. These are to be arranged in rows containing the same number of trees. Find the greatest number of trees possible in each row. How many rows are formed?

- ❖ Collect empty cartons, bottles, cans from your house and utilize them to make any three useful objects for your classroom/home (e.g.: flower vase, pen holder, book holder, flower pot, decorative items, piggy bank etc.)
- ❖ Write about the effect of climate change (with respect to winter) on the lifestyle of people of Kashmir.[100-150 words]
- ❖ Search Web and find out the reason behind increase in air pollution in many cities of Indo-Gangetic plains due to cold. Create a word document explaining the same.

कविता को पूरा करके एक सुंदर सा नाम भी लिखिए -

हरी भरी यह हमारी धरती,
हर मन को अपनी सुंदरता से हरती,

पेड़ हमें देता फल और मधु द्याया,
विशाल है इसका रूप, हर दिल को है यह भाया।

फूलों की अपरम्पार खुशबू, मन को है सबको भाये,
हर दिल इसको सुगंध के है, खुशहाल हो जाए।

کشمیر میں شجر کٹائی سے ہونے والے نقصانات کے بارے میں جو خبریں شائع ہوئی ہیں اُن کا جائزہ لے کر اُن خبروں کے تراشے (news paper cutting) سکریپ بک پر چسپاں کیجیے اور بحیثیت ریٹج آفیسر آپ ان نقصانات کو روکنے کے لئے کون سے اقدامات لے سکتے ہو؟

حضرت شیخ العالمن دیت ماحول صاف تہ شؤژ تھاؤس پٹھ زور فرموؤکھ، زیادہ
کھوتہ زیادہ گلو گڑھن لاء گزی۔ گلہن تہ ون گڑھ را چھ کرنی۔ تہنڈے دوپ چھ
”اُن پوشہ تیلہ ییلہ ون پوشہ“

گلہن ہنڈ سردار بوئی چھے شہجارسہ دوان چھے

سر سبز سر و گلو

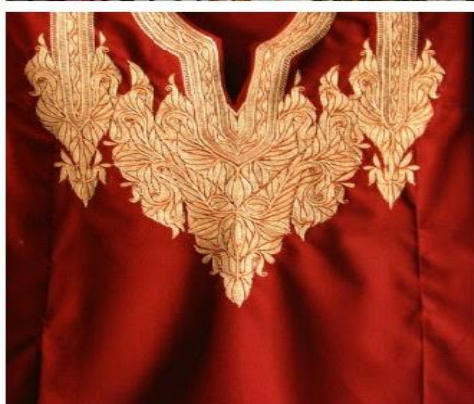
ہوا یم دوان چھی

پتہ گووژ وٹھی گل مہون ہنڈ مہراج چھگر

رہہ دارمڑ دا گلہ پٹھ والا ن چھی

ہر کاٹھہ کھوان چھے

دینے آمژن سٹرن رلا وویپہ کینہہ سٹپر تہ بناؤواکھ وریپ سانگ (Wrap Song) سہ
باتھ بوزناؤواکھ پنڈر گر کر پیہ وکھناؤواکھلاس رو مس مژ۔



THEME- 2

CULTURE & 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”

_Stephan Cosgrove

The culture of Kashmir is a blend of multiple customs that came from Northern India, Northern Pakistan and the Chinese territory of Aksai Chin. The state enjoys the presence of mix religions and that’s why Kashmir is famous for its cultural heritage. It amalgamates Hindu, Sikh, Muslim and Buddhist people who make Kashmir more beautiful by adopting their own culture.

Kashmir is popular for its beautiful and unique Handicraft. The Pashmina Shawl is famous worldwide for its quality and fabric. Almost every woman love and desire Pashmina Shawl as it symbolizes royalty. The design and embroidery work on the shawl is breath-taking also, the warmth and softness that it offers is completely matchless. Kashmir is also famous for their hand-knotted carpets and woollen rugs with floral designs. Also basketry, paper machie, wood carved furniture made of walnut wood and silverware are one of the best handicrafts offered by Kashmiri people.

- ❖ ***Food adulteration was unheard of in Kashmir as every household would prepare spices themselves, even husking of rice was done in homes using the traditional Kanz (mortar) and pestle which was a necessity in Kashmiri homes for grinding spices and delicious chutneys.***

Write a short story reflecting the life of Kashmir before 50 years when this kanz and muhul was used for grinding spices and husking rice out of dried paddy.

- ❖ A pashmina shawl of length 200cm and 90cm is to be embroidered. Find the cost of embroidery of the shawl at the rate of ₹197 per sq. meter.

- ❖ Carpets are one of the finest handicrafts of Kashmir. List the animals from which raw material for making carpets is obtained. Also outline the process of making carpets.
- ❖ Write about the historical background of Pratap Park built by Maharaja Pratap Singh. [100-150 words]
- ❖ Visit any website that sells Kashmiri handicrafts (e.g www.kashmirica.com) and create a spreadsheet of the items that you want to buy along with their name, quantity and cost.

उदाहरण



اپنے وطن کی صداقتی ورثہ کی جانکاری اپنے دوست کو ایک پوسٹ کارڈ کے ذریعہ فراہم کریں

قائلین بانی چھے پتہ کالہ پٹھے کشپہ منز سرس، مگر سانہ وادی جموں کشمیرس منز چھن
 امیک روجہان کم ہیو تمّت گروٹھن۔ روجہان کیا ز چھ کم گو و مت اتھ متعلق لیکھو اکھ
 نوٹ

BOOKS



THEME-03

BOOKS

“Books are uniquely portable magic”

_Stephen King

Books are the best and have all kinds of solutions. Books were developed from the earnest of writing.

In the old days, books were created to store information. People use to pass knowledge from one generation to another with the help of books. Bible, Gita, and Quran are some of the examples. Even it was only with the help of books we know our history. Many writers wrote various stories about different kings and their dynasties.

Books are our best friends because they always teach us good things. We learn from them and increase our knowledge. Always opt a reading habit, it will increase your knowledge as well as will always keep you happy and your mind fresh.

- ❖ Is there a destination in the book (real or fantasy) that you have read where you would love to visit? Give description of that place and also mention the activities you want to do there. Whom do you want to accompany you and why?
- ❖ Books like biographies of kings and accounts of foreign travellers have greatly helped in reconstructing history of the past. Discuss (80- 100)

❖ List and then explain

10 mnemonics of mathematics.

10 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=2ahUKEwiZuvWi5bL0AhVszjgGHUraAVUQFnoECAQQAQ&usg=AOvVaw0iiw_btXOISACGhgbyzBx

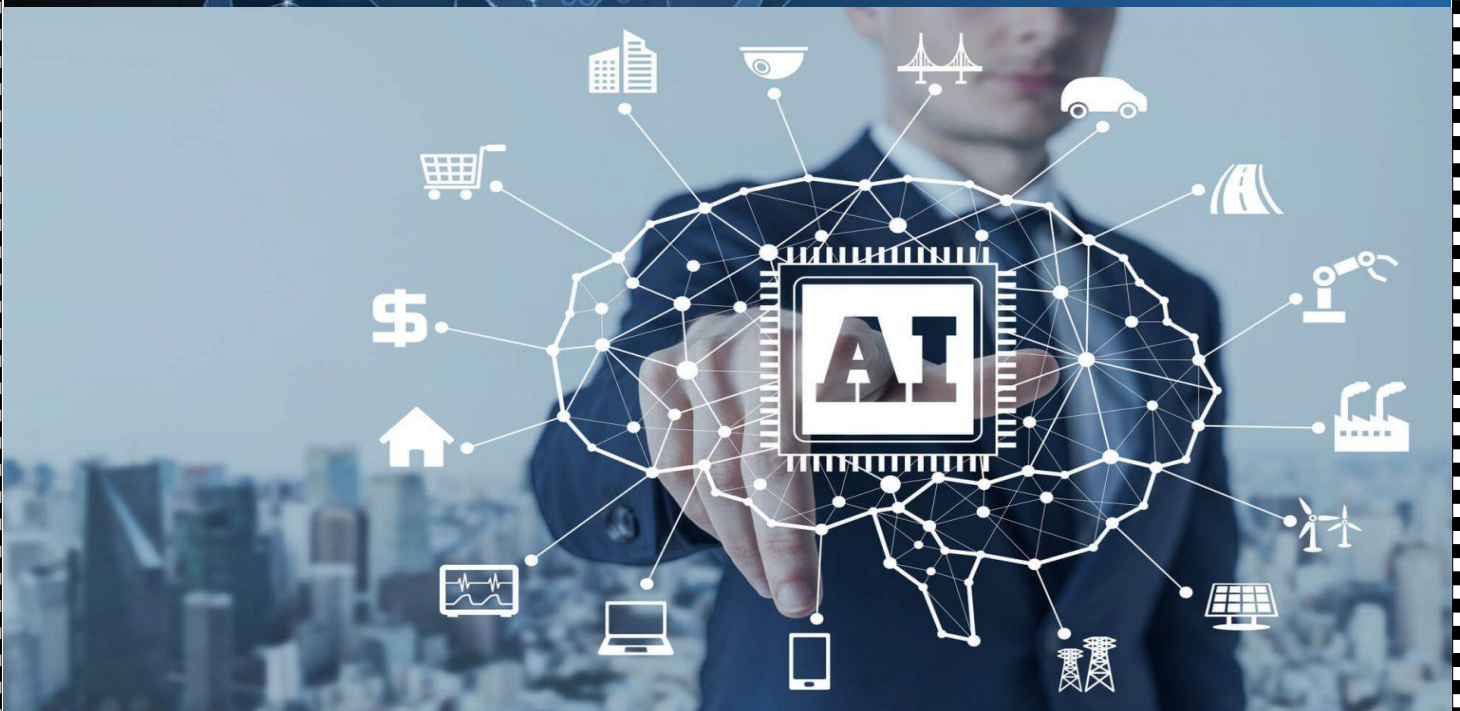
❖ Design the book cover of your autobiography using any software / app of your choice.

महादेवी वर्मा के दिल में पशुओं के प्रति प्रेम की भावना थी। उन की प्रसिद्ध दो कहानियाँ पढ़कर उसका सारांश अपने शब्दों में सचित्र लिखिए।

گلیات ل دد، کتابہ منز لیکھول دد ہندی زہ واکھ ا کس چائس پٹھ۔

اپنی دادی یا نانی سے سنی ہوئی چھوٹی چھوٹی دلچسپ کہانیوں کو مع تصاویر ایک کتابچہ کی شکل میں تیار کریں۔

ARTIFICIAL INTELLIGENCE



THEME-04

Artificial Intelligence

“Machine Intelligence is the last invention that humanity will ever need to make.”

_Nick Bostrom

Artificial Intelligence is a new technology in the field of computer science. “Artificial” means man-made that is not natural and “Intelligence” refers to the ability to think and make decisions. Therefore, we can say that making machines like computers to take their own decisions is Artificial Intelligence. This could be possible using various computer programming and codes.

Artificial Intelligence can have both positive as well as negative impacts on society. The applications of Artificial Intelligence are making human tasks much easier. This could result in loss of human jobs. The implementation cost of Artificial Intelligence is quite high and skilled workers are required for their development.

However, we are expecting a machine that could take human-like decisions but what will happen if humans lose control over them? Therefore, the impact of Artificial Intelligence is still a matter of debate in society.

- ❖ ***Artificial intelligence is intelligence demonstrated by machines, as opposed to a natural intelligence displayed by animals including humans.***

Using the shape of A and I create a poem based on the theme.

- ❖ ***When we hear about artificial intelligence (AI), it might be easy to assume it has nothing to do with us and that AI doesn't impact our everyday life. In reality, artificial intelligence is encountered by us from morning until night.***

How do you think artificial intelligence helps you as you go about your daily life?

- ❖ Discuss the role of artificial intelligence on our social institutions. [like governance, culture , civic ideals, global connections etc.]

- ❖ *Artificial Intelligence is rapidly changing the world. It is the branch of computer science aimed at the development of computers capable of doing things that are normally done by humans.*

Create a video on AI-powered devices that are or will be a part of our lives.

- ❖ *A smart home refers to a convenient home setup where appliances and devices can be automatically controlled remotely from anywhere with an internet connection using a mobile or other networked device.*

If you could describe your dream smart home, what would it be?

Winter



THEME -05

WINTER

“To appreciate the beauty of a snowflake it is necessary to stand out in cold.”

__Aristotle

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. As 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.

❖ *Let's complete these couplets.*

Listen! The winter is coming hurriedly

Oh! There is a snowfall _____

*Hearts are filled with fun and thrill
Brace yourself for winter _____*

A fairy is waving her magic wand

Throwing diamonds on the _____

It covers every inch of the ground

And leaves everyone _____

A little bird is searching its hiding

I love to do snow _____

Animals could not jump and hop

It covers street and roof _____

Have some fun in this morning

Let us all go for _____!

Come my dear friend _____

We will prepare delicious harissa

Let's gaze the view without a blink

Come and prepare some hot _____

The whole view is charismatic

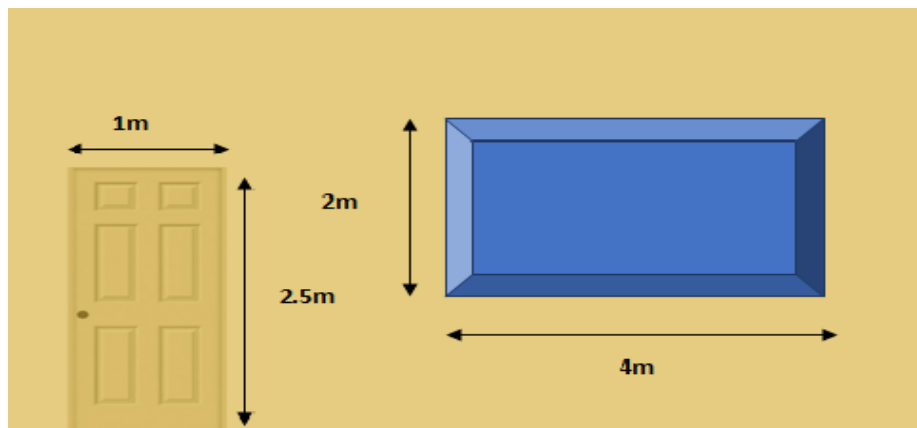
It seems as if there is some _____

Wow! It is a beautiful surprise

The earth seems like a _____

❖ ***Kashmir experiences harsh winter. People make all the necessary arrangements for winter by making their houses cozy and warm with panelling, wooden flooring which is an easy and effective way to boost the resilience and safety of your building.***

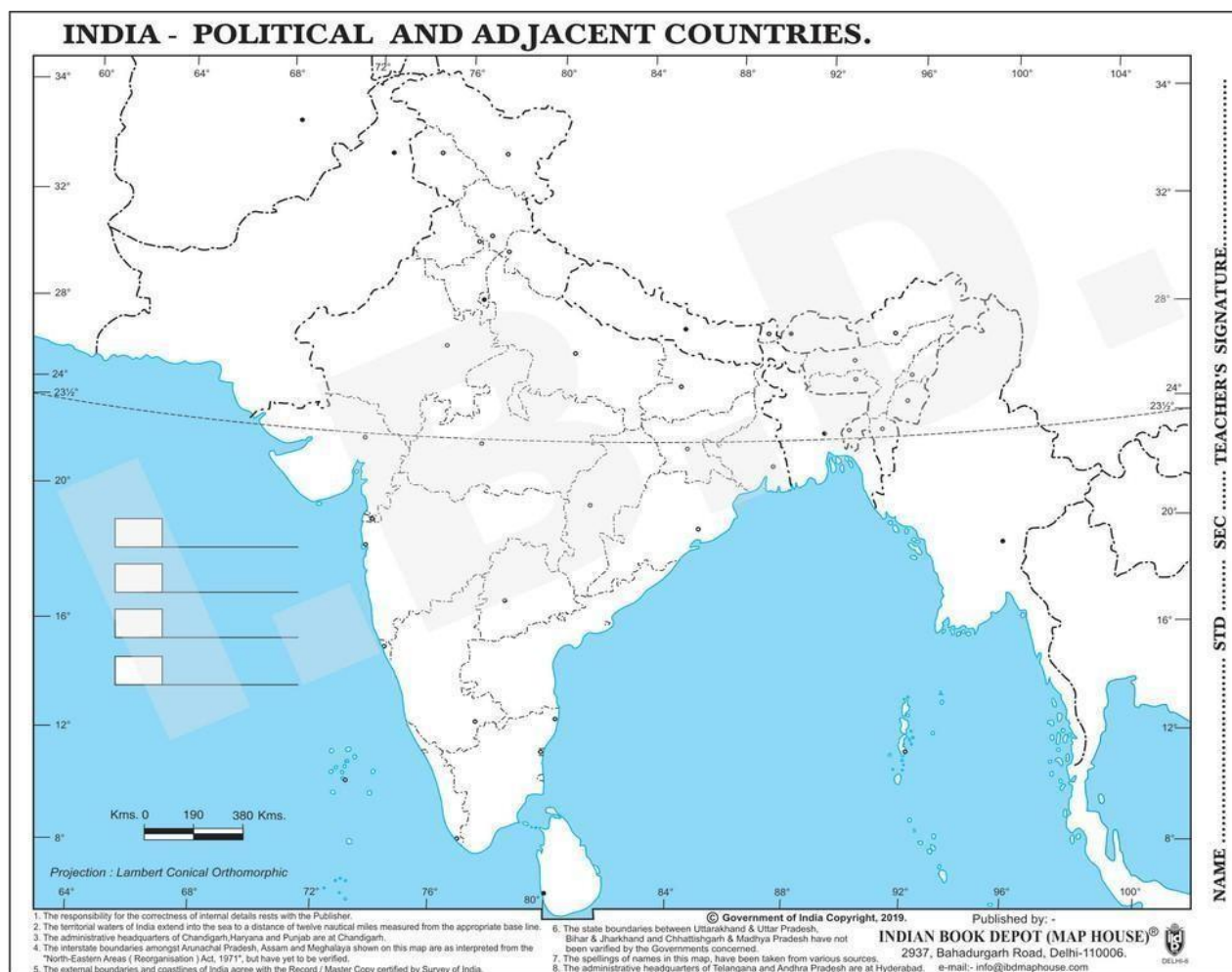
A door of dimensions 1m x 2.5m and a window of dimensions 4m x 2m are on the wall of dimensions 6m x 4m. Find the cost of panelling the wall if the rate of panelling is Rs.1500 per square meter.



❖ *Murabba is an Arabic word that refers to savory or sweet jam pickle.*

- ✓ Being power house of nutrients, make murraba of Quince apple (Bam choonth) at home.
- ✓ Write the recipe and paste its pictures on your scrap book.
- ✓ Do you find this method as a good technique of food preservation?

❖ *Collect information about any 5 places in India where snowfall occurs. Locate these places on an outline map of India.*



❖ Write an *HTML* code to create a table with following options and screenshot the output.

- ✓ It should contain three rows and three columns.
- ✓ Set border="2", bordercolor="RED" and the table should be aligned to Left.
- ✓ Use "winter activities" as the table caption.
- ✓ Fill the table with the activities that you have done in your winter break.

❖ सर्दी के मौसम पर .दो चुटकुले लिखिए जैसे ----



پنہ نس نافی بڈی ہس یا گر کمین رٹھین نش بیو تہ تمین پر ژھو سوال تہندس پتھ
کالس متعلق زتھ و قس منز ییلہ نہ آسان و سپلہ میسر آکر مثالے ٹیلی فون، موبایل فون
ہوایی جہاز، گیس، گندہ کو درو کنکو، ٹوری ٹوری سامانہ بھتر تم کتھ آکر پٹن پان رزنناوان،
کتھ کنز اوپر یور شچھ خبر سوزان، کتھ کنز آکر باقی ملکن سأل کرنہ خاطر یا کامہ
گوہان۔ یہ ساری زانکاری مد نظر تھاتھ کړو اکھ ویڈیو تیار تہ کړو یہ سوپرے
کاشر پاٹھری بیان۔

برف ہٹا کے اپنی گلی کو چلنے کے قابل بنائیں۔ برف باری سے درپیش آئے
ہوئے مشکلات پر اظہارِ خیال کیجیے۔ اس کے علاوہ تصاویر کی مدد سے بند راستے کی
منظر کشی کیجیے۔

Happy
Holidays

