

INTER-DISCIPLINARY PROJECT
THEME: G20- ONE EARTH, ONE FAMILY, ONE FUTURE
CLASS VI

Inter-disciplinary Project allows the student to learn by making connections between ideas and concepts across different disciplinary boundaries. Students learning in this way are able to apply the knowledge gained in one discipline to another different discipline as a way to deepen the learning experience. One of the major benefits of an interdisciplinary project is that the learners use and develop their critical thinking skills as they begin to consolidate learning by synthesising ideas from many perspectives. This approach is sure to foster a love of learning, ignite a spark of enthusiasm and address learning differences for students.

The G20 Presidency lends India the unique opportunity to put its imprint on the global education agenda. Inclusive and equitable education has been a focus item for the G20 as well. G20 is among the most influential grouping of countries for international development cooperation as it represents two-thirds of the global population, 85% of the world's GDP, and 75% of world trade. The reason it assumes greater significance with regards to education and edtech is because it also represents a diverse group of countries that find themselves at different stages of educational and economic development. Thus, with an emphasis on inclusive education, especially with India assuming the G20 Presidency, India can not only showcase its achievements and progress in digital education and edtech, but also help other developing member countries achieve it by using technology in education space.

Our students are an important part of the complex social culture. Sustained global progress can only take place when our children are made to assume responsibility as the torchbearers of tomorrow. Children, youth, families and communities must internalize how the issues presented by the changing world dynamics affect their own daily lives and environments, whether that be on improving health and nutrition; the importance of early learning and quality education; fostering more peaceful communities where children live free from violence; or establishing more sustainable approaches to use and preservation of natural resources.

The spectrum of activities is designed to unify pedagogy and the quintessence of education, so that our learners are nurtured as compassionate and capable global leaders of tomorrow. We wish that our children collaborate their fun filled vacation experiences with learning and get a chance to paint their holidays with creative spirit and academic endeavor.

- This project comprises of 6 parts –A, B, C, D, E, F and G
- The class will be divided into groups comprising 5 members each on the basis of roll numbers i.e., 1-5, 6-10, etc. (8 groups per class)
- Each group is expected to do all the 5 tasks given under each part(One task per child for each part)
- Each group will have a leader who will be coordinating with the group members, so that the work is completed and submitted on time
- Each group will collate and present their work in **one single file only**
- Make use of eco-friendly materials for preparing the models

Part A

Task 1: Research on the education system of any 5 countries of G20, compare it with New Education Policy and create a billboard showing the comparison. Use pictures to illustrate your billboard. (Who did Patrick's Homework)

TASK 2: Research about any bird from a G20 country and about its nest. Create a similar nest and place the bird in the nest using origami. Also prepare an exhibit sign for the same. (A Tale of Two Birds)

TASK 3: Find out about types of dogs found in any one G20 country and create some dog puppets. Prepare to enact a story using these. (How the Dog Found Himself a Master)

TASK 4: Find out about how the tradition of kite flying became a part of India's culture. Find out any G20 country which has a tradition of kite flying and collect pictures. Create wall magazine using these pictures and information. (The Kite)

TASK 5: Choose any one G20 country and research about its family culture. Use the doodle technique to depict the serenity of a home and family on an A3 size sheet. Make it colourful. (A House A Home)

Part B

सकारात्मक शांति, संघर्ष और संस्कृति (मेज़बान शहर अमृतसर - पंजाब / गुरुग्राम हरियाणा] विषय के आधार पर निर्देशानुसार कार्य कीजिए ।

वर्ग 1. जी 20 के संदर्भ में 'सकारात्मक शांति, संघर्ष और संस्कृति' विषय को आधार बनाकर जी 20 के सदस्य देशों की सूची उनके ध्वज सहित तथा मेज़बान (होस्ट सिटी) की मुख्य जानकारी देते हुए तीन पृष्ठों की एक आकर्षक ज्ञानवर्धक पत्रिका बनाइए तथा उसे एक आकर्षक-सा शीर्षक भी दीजिए ।
(ए-3 आकार के कागज पर)

वर्ग 2. मेज़बान शहर का प्रसिद्ध कोई एक लोकगीत तथा वाद्य यंत्रों की सचित्र प्रस्तुति का आकर्षक सा पोस्टर बनाए । (ए-3 आकार के कागज पर)

वर्ग 3. दो अलग-अलग पतंगे लेकर अथवा स्वनिर्माण कर मेज़बान शहरों के दर्शनीय स्थलों एवं वहाँ के प्रसिद्ध व्यंजनों (खानपान) की सचित्र प्रस्तुति तैयार करें ।
(सामान्य आकार की पतंग लगभग 12 X 12 इंच)

वर्ग 4. मेज़बान शहर (होस्ट सिटी) के पर्यटन को बढ़ावा देने हेतु एक आकर्षक एवं सचित्र निमंत्रण - पत्र तैयार कीजिए । (ए-3 आकार के कागज पर)

वर्ग 5. मेज़बान शहर की विशेषता एवं प्रसिद्ध वस्तु को आवरण पृष्ठ पर कलात्मक रूप से प्रस्तुत करें (जैसे :- उस प्रदेश का व्यंजन , पोशाक, कोई वाद्य यंत्र आदि की जानकारी तथा सचित्र प्रस्तुति ।
ए -3 आकार का आवरण पृष्ठ)

The Group of Twenty (G20) is an intergovernmental forum comprising 19 countries and the European Union (EU). The key focus areas include digital transformation, climate financing, Sustainable Development Goals (SDGs), and food security among others.

TASK 1: The SDGs are a part of India's development agenda and it will try to promote progress in SDGs during the G20.

Let's begin from our homes...

Calculate the amount of water consumed by you and your family members on different activities:

Activities	Water consumed in day 1 (in litres)	Water consumed in day 2 (in litres)	Water consumed in day 3 (in litres)	Water consumed in day 4 (in litres)	Water consumed in day 5 (in litres)	Total Quantity of Water consumed (in litres)
Drinking						
Bathing						
Cooking						
Washing						
Miscellaneous						

Prepare a Pictograph for the above data. Also, suggest any 3 measures to reduce and reuse the consumption of water. (Use A4 size sheet)

TASK 2: Design a Mathematical Newspaper based on life below water of any one country of the G20 which can include, interesting knowledge oriented Puzzles, Riddles, Crosswords, Poem, etc. Give an attractive name to the newspaper and paste pictures also. (Use A3 size sheet)

TASK 3: With the G20 Presidency for 2023, India holds the key to revitalizing the global commitments to the energy transitions and spearheading the collective voice of the developing countries.

Let us do a small survey at our homes.

Find out any five gadgets using most electricity at our homes and represent it by bar graph. How can we reduce its usage to save electricity? (Use A4 size sheet)

TASK 4: Choose any one country of the G20 and make a Table Calendar for the year 2023 representing 12 most endangered animals according to the level of threat to the species.

TASK 5: The G20 recognises the importance of collective action in tackling environmental challenges and climate change while promoting transitions towards more flexible, transparent and cleaner energy systems. Collect and compare the daily usage of fuel by any 5 families of your locality, everyday, for a week. Also, show the type of fuel that is being used by each member of the family and interpret your observation. (Use A4 size sheet)

➤ Part D

Millets have been an integral part of our diet for centuries. In addition to several health benefits, millets are also good for the environment with low water and input requirement. With the aim to create awareness and increase in production & consumption of millets, United Nations, at the behest of the Government of India, declared 2023 the **‘International Year of Millets’**. Millets are Smart Food as they are Good for the farmer, the consumer and the climate. In brief we can say that “Millets are Good for the Planet.”

Helping millets make a comeback is not just an endeavour to popularize a neglected and underutilized crop but also an effort to achieve the sustainable development goals (SDGs) – mainly SDG 2 (zero hunger), SDG 3 (good health and well-being), SDG 12 (sustainable consumption and production), and SDG 13 (climate action).

Task 1 - ‘India's Wealth:-Millets for Health’

Draw creative poster with a slogan to raise awareness about the advantages of millets emphasizing the nutritional value of millet for healthy living as a part of the campaign for International year of Millets.

(A-3 size sheet to be used in landscape). Sample is given for reference.

https://www.google.com/search?q=poster+slogan+on+international+year+of+millets&rlz=1CDGOYI_enIN947IN947&hl=en-GB&sxsrf=APwXEde3Zl025mzkIGjP9jUGjHqoEcpszA:1682844987019&source=lnms&tbm=isch&sa=X&ved=2ahUKEwj18KaNntH-AhUmbmwGHc2iDIEQAUoAXoECAIQAw&biw=1280&bih=569&dpr=1.5

Task 2-The Journey of Super Food from Farm to Plate

All types of millet are very high in fibre and minerals that make them one of the healthiest cereals. In comparison with rice, Iron content in millet is 5 times higher and calcium content is 30 times higher. This is why millets provide a perfect solution to malnutrition, which affects a majority of the Indian population. Besides, millet helps to prevent and cure modern lifestyle diseases such as diabetes, high blood pressure and high cholesterol.

Depict the entire process of journey of millets from Farm to Plate (in the sequence) in the form of a comic story book.

Web source for story book sample : <https://www.imagineforest.com/blog/how-to-create-a-comic-strip/>
(Use an A-3 sheet and divide it into 6-8 parts to depict comic strip)

Task 3- ‘Millets Magic’

Create your own tasty recipe using millets.

Make a video of your recipe.

<https://youtu.be/tRbMOPztebk>

You May use following apps or software to create good videos where the subtitles/content can be written:

- 1) Kinemaster
- 2) Moviemaker
- 3) Inshot
- 4) Videoleap

Or any other app/software.

Task 4- Millet Comeback

Compared to the more commonly known cereals such as wheat, rice or corn, millets are capable of growing under drought conditions, under non-irrigated conditions and even in very low rainfall regimes, having a low water footprint.

Compare five most popular millets grown in India. Categorize them on the following parameters:

- calorific value per 100 grams of different millets
- type of soil used to grow them
- states where they are grown
- amount of rainfall required
- price of one kilogram of millet in the market.

Compile the information in the form of a Power Point Presentation of 8-10 slides

Task 5- Mighty Millets Quiz

To increase public awareness on the health benefits of millets and their suitability for cultivation under tough conditions marked by climate change.

Make ten questions quiz on Google form on the ‘Goodness of millets’ and its ‘health benefits’. Millets are a group of small grains that are an abode of vitamins, minerals, essential fatty acids, and antioxidants that can help to eradicate nutritional deficiency diseases.

Share the questionnaire through google form link with your classmates. Compile the data collected based on the following parameters on an A-4 sheet,

<u>Score</u>	<u>Below 40%</u>	<u>Between 40%-70%</u>	<u>Above 70%</u>
Number of students			
Percentage of students (Based on the total strength of the class) in different categories			

Link Lesson – What, where, how and when? and Major landforms of India.

Task 1: Maneuvering Manuscript.

The Motto of G20 summit is One earth, one family, one future which is similar to the teachings of Buddhism. Buddhist circuit will play a significant role in understanding Buddhism and the teachings of Buddha.

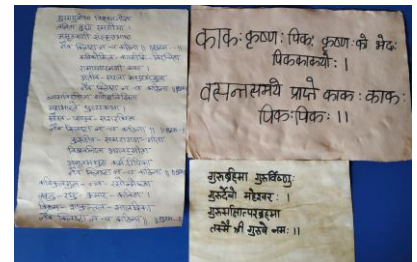
The past comes to life through written documents mostly manuscripts. Manuscripts are the ancient books consisting of information of the past mostly in languages unknown to us.

Create a manuscript by cutting 2 thick sheets (cartridge sheet) in size 20 cm X 10 cm and write 3 teachings of Buddha on each sheet.

Follow the given steps to make a manuscript :

1. Take 2 teaspoons of coffee powder and one glass of water.
2. Mix the coffee powder in the glass of water.
3. Pour the coffee mixed water on a flat tray or plate with higher edges.
4. Now take a thick white paper and dip that paper in the water kept in the tray or plate.
5. Soak the paper in the tray filled with water for 5 to 7 minutes. Afterwards let the paper dry for an hour.
6. Create the second sheet with the same procedure.
7. Punch both the sheets together from the top left corner and tie a ribbon.
8. Write 3 teachings of Buddha which promotes the spirit of oneness amongst all.

Sample



Task-2 P3 (Pro-Planet People) movement.

From past few days you saw the wastage of water, electricity, paper and excessive use of plastics in school. So, being an Eco-Club student you have decided to make a P3 society in your school to make everyone aware about the following:

- Wastage of water and electricity.
- Usage of plastics.
- Damage to school property.
- Excessive littering and wastage of paper.

Note: Choose any one of the above topic.

Make a logo on A-3 size for this P3 society using waste material to make the students aware about the above mentioned topics. (Use of plastic and thermocol is strictly prohibited). Write a catchy slogan too.

<https://www.hindustantimes.com/india-news/proplanet-people-pm-modi-talks-climate-in-world-economic-forum-address-101642432204196.html>

Task -3 Menu card making

You are organizing a Millet Party on 5th June, the World Environment Day and invited your friends to the party. Make a 'Menu Card' consisting one dish made up of 1 millet on one A-3 size sheet. Write the ingredients and recipe of each dish which you will be serving in the party to make it a healthy and nutritious party. Write any 2 benefits and paste the pictures of recipe before preparation, during preparation and after preparation.

<https://www.indianhealthyrecipes.com/recipes/millets/>

Task 4- Incredible Inscriptions.

Inscriptions were the ancient literary sources found by the archaeologist from the past. These were the writings on hard surfaces. Kings inscribed their orders, rules and victories on them.

Design an inscription for your class on an A-3 size hardboard using POP (Plaster of Paris) and inscribe the following:

6-A students- Names of G20 countries.

6-B students- Theme of G20

6-C students- Goals of G20

Steps to be followed to make the inscription:

1. Take an A-3 size hardboard or cardboard and 10 tablespoons of POP.
2. Take some amount of water and mix it with POP. Don't add too much water and knead it into a soft dough.
3. Mixture should not be very hard nor very soft.
4. Spread the mixture on the board and let it dry for an hour.
5. When it is semi dry, take a pointed sharp object like a compass and write the names of G20 countries on it and set it aside for a day.
6. Color it with metallic paints.

[https://www.india.gov.in/spotlight/group-twenty-g20#:~:text=The%20Group%20of%20Twenty%20\(G20\)%20comprises%2019%20countries%20\(Argentina,States\)%20and%20the%20European%20Union.](https://www.india.gov.in/spotlight/group-twenty-g20#:~:text=The%20Group%20of%20Twenty%20(G20)%20comprises%2019%20countries%20(Argentina,States)%20and%20the%20European%20Union.)

Task 5: Scaling up islands- Brochure Making.

The Swadesh Darshan Scheme is an initiative of the Indian Ministry of Tourism to harness the potential of travel and tourism in India. The scheme has 15 circuits including coastal circuits.

Imagine that you undertook a journey to Andaman and Nicobar Islands coastal circuit and you have unforgettable memories of the place. Design a brochure highlighting any 5 famous water sports, cuisines and measures which the government is taking to preserve the beauty of the island on an A-4 size colored sheet by using paper folding technique.

<https://www.vistaprint.com/hub/quick-guide-make-brochure>

<https://pristineandaman.com/famous-food-in-andaman-nicobar-islands/>

<https://traveltriangle.com/blog/water-sports-in-andaman/>

https://www.tripadvisor.in/Attractions-g297583-Activities-Andaman_and_Nicobar_Islands.html



Part F

G20 – Digitalization & Innovation

G20's Digital agenda is to help countries harness the benefits of the digital transformation - to boost more inclusive and sustainable growth by spurring innovation, generating efficiencies and improving services, artificial intelligence (AI) – a fast-moving technology ranging from data to smart mobility, the opportunities offered and to unleash innovation.

TASK 1: Students are required to design a creative Digital Poster/ A3 size Poster on the given topic: **“Impact of Technology on our lives”** using Word Processor.

TASK 2: Make a collage on different applications of **“Artificial Intelligence in real life”** using **“Canva”** Download the application – **“Canva”** from the Play Store using the link <https://play.google.com/store/apps/details?id=com.canva.editor>

Instructions:

- Work needs to be submitted on the following email ID computerassignments@svisgdelhi.com with your name, class, and section in the subject line.



Part G

H.H.W given in brief : सकारात्मक शांति, उद्योग, स्वास्थ्य, मित्रता सहयोग और जी 20 मेजबान देश विषय के आधार पर निर्देशानुसार कार्य कीजिए ।

वर्ग 1. जी 20 के सन्दर्भ में आज के समय में आपसी मित्रता ,सहयोग और एकता सबके विकास के लिए आवश्यक है ,इसको ध्यान में रखकर एक आकर्षक टेबल घड़ी बनाए जिसमें संख्या को संस्कृत में साफ और स्पष्ट रूप में लिखें ।उसमें मित्रता ,एकता ,सहयोग आदि जैसे किसी एक भाव को भी चित्रित करें तथा उसे संस्कृत में शीर्षक दें । (चौड़ाई x लम्बाई 20सेमी×20 सेमी आकार का)

वर्ग 2. जी 20 के सन्दर्भ में आज के समय में आपसी मित्रता ,सहयोग और एकता सबके विकास के लिए आवश्यक है ,इसको ध्यान में रखकर एक 3-डी तारे का निर्माण कीजिए और उनके अलग-अलग भाग पर आपसी मित्रता ,सहयोग और एकता से सम्बंधित किन्ही 5 शब्दों को संस्कृत में शुद्ध सुंदर बड़े-बड़े अक्षरों में दर्शाएँ । (ए3 आकार का)

वर्ग 3. जी 20 के सन्दर्भ में पर्यावरण बहुत महत्वपूर्ण है अतः वृक्ष-संरक्षण को दर्शाते हुए एक आकर्षक सा टेबल/दीवाल कैलेण्डर बनाए तथा उस पर महीनों के नाम संस्कृत में लिखें ।(टेबल कैलेण्डर -चौड़ाई xलम्बाई 25सेंटीमीटर x25 सेंटीमीटर/ ए3आकार का)

वर्ग 4.जी 20 के मेज़बान देश भारत के किन्ही 4 समुद्र तटों को चित्रित करते हुए एक पोस्टर का निर्माण करें तथा उन समुद्र तटों का नाम संस्कृत में लिखें । (ए-3 आकार के कागज पर)

वर्ग 5. जी 20 सम्मलेन के मेज़बान शहर की किसी प्रसिद्ध वस्तु को एक फोटो फ्रेम में कलात्मक रूप से प्रस्तुत करें तथा उस शहर और वस्तु का नाम संस्कृत में लिखें (जैसे :- उस प्रदेश का कोई स्थल , व्यंजन , पोशाक, कोई वाद्य यंत्र आदि की सचित्र प्रस्तुति)



Part G

“No matter where we live, friendship is universal”.

Task 1-You have a new classmate “Sophie Delphas” who is French, she is willing to make new friends in class but she is quiet shy. So, you decide to welcome her in class to make her feel cheerful and amiable. Design a beautiful greeting card with some warm wishes for her. (Link leçon-Les copains, Les Salutations)

(Write your wishes in French and the size of the card should be A4)

Task-2 Greet and introduce yourselves: Start the conversation by introducing yourselves and sharing some basic information about your interests, hobbies, and school. Prepare the dialogues of both characters on catchy flashcards of half A4size. (Link leçon-Dans la classe and Les Salutations)

Task-3 Design an eye-catching desktop flipbook of 10 pages showcasing the ten simple choices for a healthier planet. Write your choices in French. (Link leçon- Dans la classe)



Task-4 Millets- The miracle grain, Prepare a picture food book of 10-12 pages of size A4 on Healthy breakfast ideas with millets.

Also write the names of vegetables in French used in different food items prepared with millets. (Link leçon- Devinez)

Task 5 Make a beautiful wall hanging of flags of all guest countries along with their names in French, which were invited to be the part of G20 summit. (Link leçon- Le drapeau de mon pays)



Part G

H.H.W given in brief :

जी ग्रुप आफ ट्वेंटी (G 20) ‘वसुधैव कुटुम्बकम्’ ‘हिक धरती हिकु कुटुंब हिकु भविष्य’

वर्ग- 1 - जी ग्रुप आफ ट्वेंटी (G 20) जे ज़रिए ‘सजो जगु हिकु कुटुंब आहे |, समूरी दुनिया खे भारत जो हीउ पैगामु आहे| पर्यावरण खे ध्यान में रखन्दे किनि बि पंजनि पसुनि जा चित्र सुमत नाला सिंधीअ में लिखो | 5 प्लैश कार्ड ठाहियो |{ 10cmx10cm)

वर्ग-2- जी ग्रुप आफ ट्वेंटी (G 20) जे ज़रिए ‘सजो जगु हिकु कुटुंब आहे |, समूरी दुनिया खे भारत जो हीउ पैगामु आहे| पर्यावरण खे ध्यान में रखन्दे किनि बि पंजनि पखियुनि जा चित्र सुमत नाला सिंधीअ में लिखो | A-4 चार्ट ठाहियो |

➤ Part G

G20 connects various countries to promote the sense of globalization. Multilingualism is a great step towards it. Spanish can act as a catalyst for our students to achieve this.

Task 1: Create a flipbook with conjugations of AR/ER/IR ending verbs in Spanish and decorate it with visuals.

- Learn the meaning and usage of different verb forms in Spanish.
- Create a flipbook with conjugations of 15 AR/ER/IR ending verbs in the present tense.
- Conjugate the verbs correctly with appropriate endings.
- Decorate the flipbook using colors, images, and creative design elements.
- Present the flipbook in front of the class, explaining the meanings of the verbs and their different forms.

Task 2: Create a poster on professions in Spanish

- List down the professions you have learned in your Spanish class.
- Choose at least 5 professions from the list.
- Draw and color the chosen professions on the poster using your creative skills.
- Label each profession in Spanish.
- Write a brief description of each profession in English.
- Add any fun fact or interesting information about the profession.
- Make sure your poster is visually appealing and easy to read.
- Present your poster in front of the class, sharing your understanding of the professions in Spanish.

Task 3: Create 2 Bookmarks with Spanish Vocabulary

- Gather materials such as paper, scissors, markers, and stickers.
- Choose Spanish vocabulary words that you have learned in class to decorate the bookmarks.
- Write the Spanish vocabulary words on the bookmarks in colorful letters.
- Use markers and stickers to decorate the bookmarks with designs related to the vocabulary words.
- Cut the bookmarks to your desired size and shape.
- Show your creativity by adding additional designs or drawings to the bookmarks.
- Use the bookmarks to mark your favorite pages in Spanish books or texts.
- Share your bookmarks with the class and explain the vocabulary words and designs you used.

Note: Some samples have been attached herewith for your reference.

