

INTER-DISCIPLINARY PROJECT
THEME: EK BHARAT SHRESHTH BHARAT
CLASS VII

Interdisciplinary project is undertaken to cut across different subjects, bringing together various disciplines into meaningful association. Interdisciplinary method encourages critical thinking and combines different skills that are unique to different subjects. More than that, the children can use these skills in a meaningful context i.e. students construct meaning better when they find patterns and connections in the learning process and also realize that isolated learning is more difficult to process and recall. This approach is sure to foster a love for learning, ignite a spark of enthusiasm and address learning differences for students.

India is a unique nation which presents endless varieties of physical features and cultural patterns. It is the land of many languages and it is only in India, people profess all the major religions of the world. The vast population is composed of people having diverse creeds, customs and colours. In short, India is “the epitome of the world”. Through mutual understanding entwined with the shared history, it is the duty of every citizen of this country to enable and maintain a special unity in this diversity, which stands out as a tall flame of nationhood.

For the complete information on EBSB, please visit: <https://ekbharat.gov.in/>

Our students are an important part of this complex and diverse society. To facilitate greater participation of students, various activities are being organized under ‘Ek Bharat Shrestha Bharat’ Programme. These activities will go a long way in developing our students as responsible citizens with deep belief in unity in diversity of the nation.

Summer Vacations are a time to rejoice, rejuvenate and have fun. Keeping that very thought in mind, these activities have been planned so as to encourage each child to tap into their creative potential while also working towards realizing a deep cultural connect among citizens. We wish that our children deliberate on their fun filled vacation experiences with learning and get a chance to paint their holidays with creative spirit and academic endeavor.

Let the fun begin!
Enjoy researching and creating!

- This project comprises of 7 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. (maximum 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
- For Part G, students must take up task according to the instructions given and not according to the roll numbers.

Note: Students must take up Weekend Cleanliness tasks diligently, according to the given schedule.

Part A

To let students understand and appreciate the language and culture of each other, the Government of India has pioneered 'Ek Bharat Shreshth Bharat' programme. It also aims to reinforce oneness of country through its diverse cultures and also facilitate tourism promotion. Appreciation comes after awareness so before students can learn to accept and find meaning in the difference of those unlike them, they should be made aware of what goes on in the specific cultures or groups of different students. So gear up for the unification process to help you not only improve your knowledge, skills and well-being, but to help you develop people skills and help you be open and critical thinkers!

“Our ability to reach unity in diversity will be the beauty and the test of our civilization.”- Mahatma Gandhi

Task 1: Schools are the perfect venues to enhance the understanding and bonding between the states there by strengthening unity and integrity of India among students by initiating activities that allow students to read up extensively on the cultural traditions of a state different from their own. Under the programme of EBSB, Delhi has been paired with Sikkim. Take your time to read about the state of Sikkim. Record a favourite folktale taken from the culture of Sikkim appreciating the cultural heritage of the state in the form of a comic strip on A4 size sheets. **(Lesson: The Ashes that made Trees Bloom)**

Task 2: Living in these unprecedented times where the entire world has been ravaged by the outbreak of Coronavirus or formally known as COVID-19, the life of every person has drastically changed for better and for worse. It has also brought in with it some great news where we have been reading and witnessing with our own eyes of how nature has been healing. Let's try to capture the very thought and try to engrave it on our own brains that if we humans decide to change our habits, the world we live in would be a better place for all living beings of this planet. Envision the new world that awaits us on the other side of this pandemic. Create a flip book showing the transition between the world we were living in to the world that we would come to inhabit once this difficult time passes over. For eg: You can depict a market scene with many people gathered, and show the transition of the market with very less people roaming around.

You can watch a tutorial of preparation of a DIY flip book on the following links:

<https://www.youtube.com/watch?v=29SCiHN9zCI>

<https://www.youtube.com/watch?v=Un-BdBSOGKY>

Task 3: Humans are an ingenious species. Though we've been on the planet for a relatively short amount of time (Earth is 4.5 billion years old), modern Homo sapiens have dreamed up and created some amazing, sometimes far-out, things. From the moment someone bashed a rock on the ground to make the first sharp-edged tool, to the debut of the wheel to the development of Mars rovers and the Internet; several key advancements stand out as particularly revolutionary.

Design a ROTATING PHOTO FRAME using cardboard depicting **four** important inventions/ innovations done in our country and the Indian scientists responsible for it. Label each photo with the invention and the scientist responsible for it. Write in short about the invention and how it has helped in making modern human life easy. **(Lesson: The Invention of Vita-Wonk)**

You can watch tutorial of making of a rotating photo frame on the following link:

https://www.youtube.com/watch?v=jkk_6Yzfi-0

Task 4: The traditional food of India has been widely appreciated for its fabulous use of herbs and spices. Indian cuisine is known for its large assortment of dishes. The cooking style varies from region to region and is largely divided into South Indian & North Indian cuisine. India is quite famous for its diverse multi cuisine available in a large number of restaurants and hotel resorts, which is reminiscent of unity in diversity

Create a recipe book of famous Indian dishes of any state of India of your choice, and include information about the chosen state, date of origin of different dishes included in the recipes, local spices used, preparation method, appliances used and the people who eat it. Give your recipe book a title, include pictures of the dishes, and also include information about yourself as the writer of the recipe book. (Lesson: Gopal and Hilsa Fish)

Example:



Task 5: Passed down from one generation to another, Indian folk art is still alive in many parts of the country. Being culturally diverse and distinct, a variety of art forms have evolved over the years; some untouched by modernisation, some adapting to new paint colours and materials but each holding the essence of our cultural heritage. Many depict religious epics or Gods and Goddesses mostly, but they're all unique, admirable and inimitable in their own might. In the days of yore, they were made with natural dyes and colours made of soil, mud, leaves and charcoal, on canvas or cloth – giving it a sense of antiquity, vintage nostalgia.

Make a brochure depicting any 5 different folk and tribal art forms of our country including examples of the art, information about the place of origin, date of origin and its use in popular culture. Make the cover page of the brochure creative, preferably drawn or painted by you, and include lesser known forms of art, wherever possible. (Lesson: Quality)



Part B

#प्रस्तुत विषय के आधार पर निर्देशानुसार कार्य कीजिए :-

1. गते एवं रंगीन चार्ट का प्रयोग कर टेबल पर रखे जाने वाले एक सुन्दर फोटो फ्रेम का निर्माण करें तथा इसमें सिक्किम प्रदेश के किसी मंदिर या स्तूप का चित्र लगाएँ। साथ ही इससे संबंधित विशिष्ट बातों को आकर्षक ढंग से लिखें। (फोटो फ्रेम का आकार चौड़ाई 30cm, लम्बाई 25cm)
2. आइसक्रीम स्टीक, चार्ट पेपर एवं रंगों की सहायता से पाँच - छः कठपुतलियों की आकृति बना कर इसे सिक्किम प्रदेश के पारम्परिक परिधानों (कागज से बने वस्त्रों) से सजाएँ। उन कठपुतलियों को मनचाहे क्रम से व्यवस्थित कर परिधानों की विशेषताएँ बताते हुए दीवार का लटकन एक बनाएँ।
3. सिक्किम प्रदेश के त्यौहार, खान-पान, पहनावा, भाषा, प्रसिद्ध दर्शनीय स्थलों को आधार बनाकर चार्ट पेपर पर एक आकर्षक चित्र कथा का निर्माण करें। (A-3 आकार का चार्ट)
4. रंगीन पत्रों वाली एक छोटी दैनन्दिनी का निर्माण कर इसे सिक्किम प्रदेश के किसी पर्यटन स्थल (जहाँ आप घूमने जाना चाहते हैं) के चित्र से सजाएँ। अब दैनन्दिनी में इस स्थल की विशेषताएँ, आप वहाँ क्यों जाना चाहते हैं, वहाँ क्या देखना चाहते आदि, उन सब कल्पनाओं को अपने शब्दों में सुन्दर तरीके से लिखें। (पत्रों की संख्या 10-12, आकार-12cm x 18cm)
5. अनुपयोगी वस्तुओं (पेपर, गते आदि) का प्रयोग कर फलों की एक सुन्दर टोकरी बनाएँ तथा इसमें सिक्किम प्रदेश के प्रसिद्ध फलों, भोजनों, अनाजों को चित्र अथवा छोटे प्रतिरूप बना कर दिखाते हुए छोटे - छोटे फ्लैश कार्ड पर इनके नाम लिखें। (कम से कम 5-5 फल, भोजन और अनाज)

Part C

“Ek Bharat Shrestha Bharat” (EBSB) programme was launched by Hon’ble Prime Minister on Ekta Diwas (31st October 2015) on the occasion of birth anniversary of Sardar Vallabhbhai Patel to foster national integration through a co-ordinated mutual engagement process between States, Union Territories, Central sports, Tourism and other forms of people- to-people exchanges.

The students are expected to work on a given task which will keep them engaged in creative and fruitful pursuits during the break.

TASK 1: Select any five states or districts of India of your choice and compare their average population, sex ratio, literacy rate, maximum number of industries. Also draw inferences of your survey.

<https://www.businesstoday.in/current/economy-politics/these-are-the-five-most-industrialised-states-in-india/story/238337.html> and <https://www.census2011.co.in/district.php>

TASK 2: How many districts are there in each state of India? Arrange the data in descending order, and present it in a tabular form. Also, draw the Bar Graph of five states with the most districts, where you depict the number of districts on y-axis.

https://wiki.openstreetmap.org/wiki/Districts_in_India

TASK 3: Create a crossword puzzle related to any 10 states or districts of India.

<https://crossword-solver.io/clue/indian-state/>

TASK 4: Make a PPT showcasing the contribution of any three Indian Mathematicians. Also, find from which region of India these mathematicians belong to.

<https://youtu.be/d95BHgUkc04>

TASK 5: Prepare a **MATHEMATICAL MAGAZINE** on A-3 size coloured sheet, total pages 4 (front-back) and give suitable and creative title to the magazine related to the topic:

EK BHARAT SHRESHTHA BHARAT

Magazine column should cover different aspects of mathematics like:

Riddles and puzzles

geometrical signs

mental ability corner

mathematics in day to day life

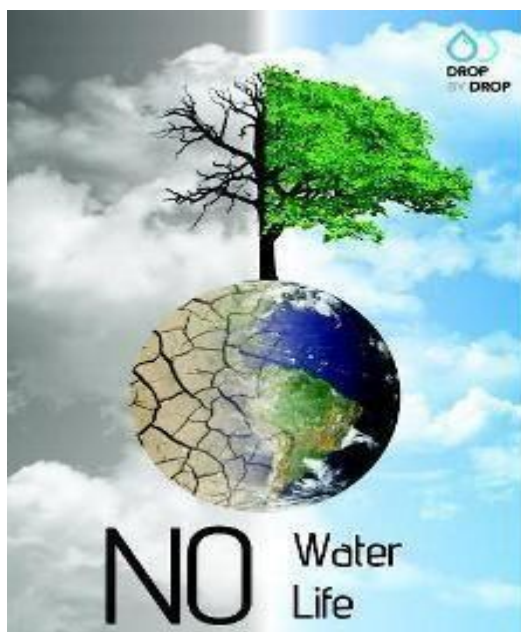
article/poem/rhymes/story related to Maths

<https://studiousguy.com/examples-of-mathematics/>

(Note: You can take help from above links)

Part D

Topic: Challenges posed by nature to us



Ek Bharat Shreshta Bharat aims to create unity between different states and find solutions to the problems which are common to them. Water scarcity is one such issue that affects most of the parts of our country. According to Prime Minister Shri Narendra Modi, "Water shortages in the country not only affect individuals and families; the crisis also has an effect on India's development". So we have to develop techniques to overcome this crisis.

Task 1

Water scarcity is the lack of sufficient available water resources to meet the demands of water usage within a region. Research on any five causes of water scarcity in our country. Make a presentation of 8-10 slides elaborating the causes of this problem in India. It should include how agricultural irrigation should be managed as a considerable amount of water is used for irrigation purposes. The slides should also include data on the causes of water scarcity in the countries of UAE, UK and Australia.

Web source: <https://www.conserve-energy-future.com/causes-effects-solutions-of-water-scarcity.php>
<https://solarimpulse.com/water-scarcity-solutions>
<https://www.orfonline.org/expert-speak/india-water-crisis-permanent-problem-which-needs-permanent-solutions-52896/>

Task 2

Water pollution is one of the main causes leading to water scarcity. There are many sources, for example pesticides and fertilizers that wash away, human waste or industrial waste that pollutes water. So there is a need for waste water treatment plants. Make a **project file** using A-4 sheets on different methods of waste water treatment.

The project should include how polluted water can be purified in a waste water treatment plant. Find out how countries like UAE , UK and Australia are dealing with waste water treatment . Use A-4 sheets to compare and infer between the above mentioned countries and India.

Web sources:<https://www.wateronline.com/doc/why-india-needs-more-wastewater-treatment-plants-0001>
https://www.slideshare.net/anup_shres007/sewage-treatment-plant-design-project

Task 3

Around 2.1 billion, lack access to safe, readily available water at home according to a new report by WHO and UNICEF. Safe water, sanitation and hygiene at home are some of the most basic requirements for human health, and all countries have a responsibility to ensure that everyone can access them.

Do a **research work** on the availability of drinking water in India and compare it to its availability in countries like UK, Australia and UAE. Write about this research work in A-4 sheets and put it in a hand- made folder.

Websource:<https://www.drinkmorewater.com/water-purification-methods>
<https://www.financialexpress.com/economy/how-modi-govt-is-planning-to-provide-clean-drinking-water-to-1-lakh-villages/1619158/>
<https://www.who.int/news-room/detail/12-07-2017-2-1-billion-people-lack-safe-drinking-water-at-home-more-than-twice-as-many-lack-safe-sanitation>

Task 4

Water covers 70% of our planet, and it is easy to think that it will always be plentiful. However, freshwater, i.e the water we drink, bathe in, irrigate our farm fields with—is incredibly rare. Only 3% of the world’s water is fresh water, and two-thirds of that is tucked away in frozen glaciers or otherwise unavailable for our use.

The study revealed that Eastern part of India, despite being a water feeder to planar India, suffered water shortages and crisis. Many people in the vicinity were not aware of the available water quality and water conservation techniques. It was found that water management in terms of supply of water to all cities and households and the existing infrastructure was inadequate to meet local demands.

Do a comparative study of water quality in four different states of India including Sikkim, and suggest measures to improve the water management system in Delhi and Sikkim. Write this comparative study and the solution to water management systems in A-4 sheets and put it in a hand- made folder.

Web source : <https://www.indiawaterportal.org/articles/water-quality-and-quantity-analysis-sikkim-north-eastern-himalaya-paper-published-current>
<http://www.uniindia.com/water-scarcity-grips-namchi/east/news/1563852.html>

Task 5

Make an A-4 or A-3 size poster to show different methods to overcome the problem of water scarcity. A slogan should be written on top of the poster.



Strategy of rain water conservation

Web source: Use Google to find ideas for making poster.

Water scarcity is a global issue. Find out how countries like UAE , UK and Australia are dealing with water scarcity . Compare their techniques with those used by India in combating the problem of water scarcity. Represent your findings in A-4 sheets.

Part E

Chapter/Topic: Tribes, Nomads and Settled Communities

Task 1:- Designer in me-Choose one tribe of Sikkim and creatively present the outfit/dress of that tribe of Sikkim like a Bakhu dress. You can use old cloth, newspaper and the best available material to make the dress and display the same on an A3 size sheet. Useful link- https://www.youtube.com/watch?v=f_lm9U1FPng



Task 2:- Peep into Sikkim- In the form of an accordion book compile the information on any five tribes of Sikkim under subheadings-

Name of tribe, region of occupancy, culture, religion, spoken language.

Useful link- <https://www.youtube.com/watch?v=YB42IbrwV34>

<https://www.youtube.com/watch?v=iq7FoYAH1qY> (Accordion book).



Task 3:- Covid-19.....Stories Untold

The coronavirus is threatening the survival of tribes in Sikkim. The tribes are particularly vulnerable to infectious diseases due to their tradition of living in isolation from the rest of the world and are unaware and have lack of access to useful information and resources especially in the time of Covid-19. Prepare a **diary** entry on an A4 size sheet in about 150-200 words highlighting the problems faced by the tribes of Sikkim arising out of pandemic Covid-19. The steps to be followed to prepare a diary entry are given below. Useful link <https://iwgia.org/en/india/3550-covid-19-india-reverse-migration.html>

- Write the date, day on the left corner of your sheet and time on the right corner, then start with 'Dear Diary'.
- Begin the entry with a general sentence describing the day or momentary feelings.
- In the body you may discuss an event, your feelings towards it.
- Conclude with final remark and future course of action.

Task 4:- Combating Covid-19...Tribal Way

It is the peak season for collection and harvest of forest produce in tribal areas. The tribals of Sikkim have been facing problems in continuing with collection and harvest of forest produce. Tribal Cooperative Marketing Federation of India (TRIFED) has collaborated with UNICEF and WHO to ensure that tribes continue to carry the tradition of gathering forest produce and simultaneously the necessary protocol of social distancing under Covid-19.

Prepare a cover story on the role of Tribal Cooperative Marketing Federation of India in creating awareness amongst tribals to ensure their safety and healthy living in present day situations. Useful link- <https://timesofindia.indiatimes.com/india/shgs-join-fight-against-covid-19-and-stigma-in-tribal-belts/articleshow/75086431.cms>

Task 5 :- Jewellery making- Using clay ,beads, strings etc design and create tribal jewellery of Sikkim(any one - necklace/bangles/earrings/headgears/anklets).



Part F (To be done as per your 3rd Language)

Topic – Mon Pays est incroyable

Link Leçon – Voila un coup d’oeil sur la France et La soeur et le frère de Manuel

Tâche 1- Préparer des cartes sur les six monuments principaux de Delhi. Écrivez une brève description de 40 mots au verso. (Design flashcards of A 4 size of top six monuments of Delhi and also give brief information on these on the reverse side of your cards.)

Tâche 2- - Dessinez une affiche sur une feuille A3 sur «Un esprit sain, un corps sain». Écrivez aussi les choses à faire et à ne pas faire en français pour un corps sain. (Design a poster on A 3 size sheet on “Healthy Mind Healthy Body” also write the Do’s and Don’ts in French on a separate A 4 size sheet.)

Tâche 3- - Réalisez un PPT de 15 diapositives sur cinq festivals principaux de l’Inde. Votre présentation doit comprendre des images intéressantes, des informations accrocheuses et des faits étonnants sur les festivals. (Prepare a PPT of 15 slides on five major festivals of India reflecting amazing facts, catchy information and interesting pictures.)



Tâche 4 - Faites des marionnettes à manche de deux Indiens célèbres qui ont fait la fierté de l'Inde et écrivez six lignes sur chaque personnalité. (Make stick puppets of any two famous Indians who have made India proud and write their descriptions in French on A 4 size sheets)

Tâche 5- . Préparez une carte d'invitation pour votre ami français pour visiter votre lieu et mettez également en évidence les meilleurs endroits, la nourriture et la culture pour attirer. (Prepare an invitation card of size A 3 for your French friend showcasing the best places, food and culture to catch the attention of your friend to visit your place Puducherry.)

#प्रस्तुत विषय के आधार पर निर्देशानुसार कार्य कीजिए :-

1. सिक्किम प्रदेश के पारम्परिक परिधानों (वस्त्रों) को दिखाते हुए पांच बुक बुकमार्क बनाएँ तथा उनपर किन्हीं पांच वस्त्रों के संस्कृत नाम लिखें। जैसे :- शाटिका अर्थात् साडी (बुकमार्क - चौड़ाई 4 cm, लम्बाई 12 cm)
2. पांच आकर्षक पतंगों का निर्माण करे और उन पर सिक्किम प्रदेश के पारम्परिक भोजनों को दिखाते हुए उनमें प्रयोग किये अनाजों के संस्कृत नाम लिखें। (पतंग का आकार 12 cm x 12 cm)
3. सिक्किम प्रदेश के पारम्परिक नृत्य को दिखाते हुए एक टेबल घड़ी का निर्माण करें तथा उस पर संस्कृत में संख्याओं के नाम लिखें। (घड़ी का आकार 12 cm x 12 cm, गोलाकार अथवा चौकोर)
4. पांच डब्बों वाली एक सुन्दर खिलौना रेलगाड़ी (toy train) का निर्माण करें तथा उसे सिक्किम प्रदेश में पाए जाने वाले फलों के चित्र लगाएँ। प्रत्येक डब्बे पर चित्रित फलों के संस्कृत नाम अथवा किन्हीं पांच फलों के संस्कृत नाम लिखें। (डब्बों का आकार - चौड़ाई 4 cm, लम्बाई 6 cm)
5. टेबल पर रखे जाने वाले एक कैलेण्डर का निर्माण करें उस पर सिक्किम प्रदेश के किसी धार्मिक स्थल को चित्रित कर उसके नाम, जहाँ स्थित है उस स्थान का नाम, निर्माण का समय आदि सूचनाओं को संस्कृत में अनुवादित कर लिखें। (कैलेण्डर का आकार चौड़ाई 24cm, लम्बाई 18cm)



* इहा ग्राह्णि सचु आहे त भारत देश में अनेक धर्मनि ऐं अनेक बुबियुनि जा रहवासी रहंदा आहिनि। हिते अनेक कलाऊं आहिनि। इहे कलाकार समूरे विश्व में प्रसिद्ध आहिनि। हेठि डिजिनल आदेश मूजिबि प्रदेशनि जी ज्ञाण A - 4 साइज़ फ़ोटनि जी मखज़नि में ड़ियो। हेठि डिजिनल आदेश मूजिबि ज्ञाण पोस्टर साइज़ - A-3 जी हिक एनबम ठाहियो। (भारत देश धार्मिक, सांस्कृतिक एवं ऐतिहासिक विशेषताओं के लिए विश्व प्रसिद्ध है। ये विशेषताएं अलग-अलग प्रदेशों में हैं। नीचे दिए गए प्रदेशों की निम्नलिखित बिन्दुओं के आधार पर जानकारी दीजिए।)

➤ Task - 1

Maahi VII-A

✓ महाराष्ट्र ऐं सिंधी संस्कृति

*ऐतिहासिक धरोहर

*धार्मिक स्थल

*सामाजिक पर्व

*संत

➤ Task - 2

Tanya - VII - A

*हेठि डिजिनल आदेश मूजिबि प्रदेशनि जी ज्ञाण A - 4 साइज़ फ़ोटनि जी मखज़नि में ड़ियो।

✓ मध्य प्रदेश ऐं सिंधी संस्कृति

*ऐतिहासिक धरोहर

*धार्मिक स्थल

*सामाजिक पर्व

*संत

Part G

Do any one of the following:

- Design a webpage using HTML, exploring the ways and means to make use of electronic media instead of using paper.
- Create a colorful presentation (PPT/ Webpage) representing the latest e-Technology in self sustained India.

Share your assignment on svisgclass7@gmail.com