SUMMER HOLIDAY HOMEWORK 2021-22
CLASS VIII

THEME: KNOW INDIA
STATE: WEST BENGAL

'A concerted effort to preserve our heritage is a vital link to our cultural, educational, aesthetic, inspirational, and economic legacies - all of the things that quite literally make us who we are.'

India is a land of myriad and exquisite cultures and subcultures. For a civilization which stretches its roots to as far back as several millennia ago, India has emerged as a cultural colossus today based on the religions, communities, states present in India. There are so many beautiful cities that symbolize the glory and beauty of ancient India. But, hardly we are aware of the places which are spellbinding and have many wonders to be explored.

In our endeavour to promote a sense of Oneness among the students and to generate awareness about the rich culture we have curated the four cities : Murshidabad, Siliguri/Darjeeling, Birbhum, South24Parghanas (GangaSagar, Sunderbans) for Class VIII to make the students unravel the hidden marvels and enrich their knowledge about these places through the platter of different subjects integration.

The following activities will make the students unravel the hidden marvels and enrich their knowledge about the assigned places.

The mode of submission of the holiday homework is Google Classroom.

ENGLISH

OBJECTIVE: to encourage the students to take pride in the diverse culture and rich heritage of our nation

ACTIVITY: From the mighty Himalayas to the greenery of Gangetic planes, from serene beaches to mangrove estuaries - West Bengal is a land of many natural splendours. Adding to its charm and appeal are the magnificent heritage architecture, colourful folk festivals, beautiful arts and crafts, traditional and contemporary music, theatre and films and delicious ethnic specialties that make West Bengal truly a brilliant experience offering unique diversities.

Let's explore some lesser-known parts of this state and find out information about its flora, fauna, wildlife, monuments, festivals, cuisines, costumes, art and culture.

To boost tourism of these lesser known places, prepare an advertisement of approximately 25-30 seconds. You may use Adobe Spark/ Windows movie maker/ PPT or record your own video to highlight the hidden facets of the given place. Insert a lot of pictures to make your advertisement appealing and captivating.

Each section has been assigned the following places.

> **VIII A- Murshidabad**
>
> **VIII B- Siliguri/ Darjeeling**
>
> **VIII C - Birbhum**
>
> **VIII D - South 24 Parghanas (Gangasagar, Sundarbans)**

SKILLS DEVELOPED: creativity, self-awareness, Imagination, analytical skills and critical thinking

HINDI

शिक्षण अधिगम

- भारत की समृद्ध विरासत,   ,विविधतापूर्ण संस्कृति, धर्म, परंपरा, रीति रिवाज़ों का प्रतिपादन
- कल्पनाशीलता व सृजनात्मकता में अभिवृद्धि
- राष्ट्र के संपूर्ण पहलुओं से अवगत कराना
- भाषिक कौशलों का विकास
- जीवन मूल्यों की प्रतिष्ठा
- स्वाध्ययन व मौलिकता का विकास
- चिंतन–मनन की क्षमता का विकास

1.(क)   पश्चिम बंगालः-मुर्शिदाबाद, सिलीगुड़ी/दार्जिलिंग, बीरभूम, दक्षिण 24 परगना ,
गंगासागर, सुंदरबन (पी.पी.टी. , वीडियो निर्माण, परियोजना कार्य- सामूहिक गतिविधि)
(ख) चार-चार छात्रों द्वारा समूह का निर्माण करके प्रस्तुत स्थलों पर रचनात्मक कार्य –

सभी समूहों के छात्र निम्नलिखित बिंदुओं का समावेश करेंगे ।
1-स्थलाकृति और जलवायु , वनस्पति और जीव, ऐतिहासिक पृष्ठभूमिःवास्तुकला और स्मारक
2-सांस्कृतिक मानदंड और परंपरा, पोशाक और व्यंजन
3-कला और संस्कृतिः भाषा, त्योहार, संगीत, कला, नृत्य
(पी.पी.टी , वीडियो निर्माण , Word फाइल प्रस्तुतीकरण)

(समूह-1) मुर्शिदाबाद, सिलीगुड़ी/दार्जिलिंग
(क्रमांक-1-4) (क्रमांक-17-20)(क्रमांक-33-36)

(समूह-2) बीरभूम, दक्षिण 24 परगना
(क्रमांक-5-8) (क्रमांक-21-24) (क्रमांक-37-40)

(समूह-3) गंगासागर , सुंदरबन
(क्रमांक-9-12) (क्रमांक-25-28)(क्रमांक-41-43)

(समूह-4)
(क्रमांक-13-16) (क्रमांक-29-32)(क्रमांक-44-46)
(Compilation Work)
समूह-1-3 द्वारा दी गई जानकारी को समूह-4 के सदस्य संकलित(Compile) करेंगे

2. जयशंकर प्रसाद की कहानियाँ (4,5,6) का पठन-पाठन कीजिए ।

MATHS

Activity 1: Darjeeling is a famous city in the Indian State of West Bengal. It is noted for its Tea Industry and beautiful Himalayan Views.
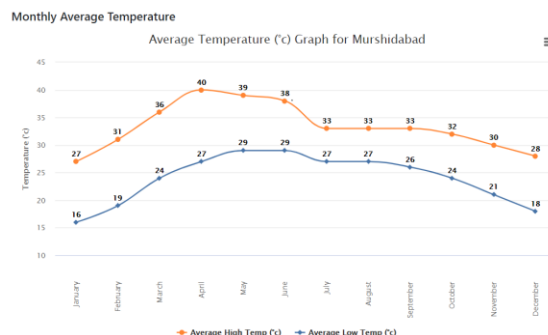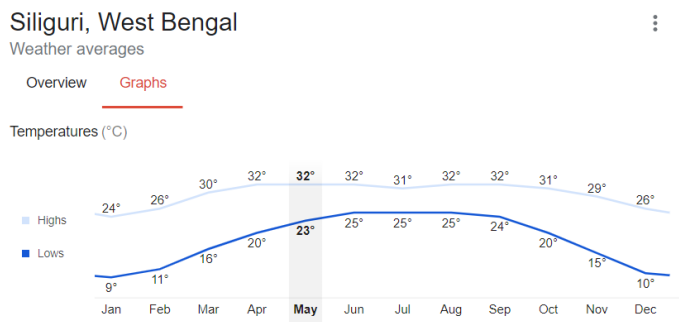
Imagine yourself as an owner of Travel Agency. Make a 3 Days-2 Night Holiday Package for travellers from Delhi to Darjeeling and back. While making the holiday package keep following things in mind:

- Your Holiday package should include, accommodations, meals, transportation and sight-seeing.
- Suggest the best months to visit the place.
- Detailed itinerary for the 3 days should be attached.
- Overa ll cost of the entire package should be mentioned.

Make sure to attach the entire calculation of how you reached the abovesaid amount. Don't forget to add your profit.

Activity 2: The graphs below show the average highest temperature and lowest temperature for two cities of West Bengal. Calculate the average temperature for each month and compare them using a double bar graph.

SCIENCE

(Let's know India)
Teaching Learning:

- India's rich heritage, diverse culture, religion, traditions, traditions rendering imagination and creativity.
- Enhance creativity , research
- The development of linguistic skills,
- Develop the prestige of life values,
- Development of self-reliance and originality and
- Development of thinking ability

West Bengal:-Murshidabad, Siliguri/Darjeeling, Birbhum, South 24 Parganas, Gangasagar, Sunderbans.

(a) Creative work at the sites is to be presented by four students each by forming a group.
Students from all groups will include the following points:

1-(Vistara)

- Topography and climate,
- flora and fauna,

2- (Canvas)

- Costumes and Dishes
- Scientist, Patriots

3- (Caravan)

- Minerals reserves, types of soil.
- Arts and Culture: Well-known artist, Language, Festival, Music, Art, Dance ,leaders etc.

(PPT, Video Making, Word File Presentation any form of presentation)

(Group-1) Murshidabad, Siliguri/Darjeeling (No.1-4) (No.17-20) (No.33-36)

(Group-2) Birbhum, South 24 Parganas (No.5-8) (No.21-24) (No.37-40)

(Group-3) Gangasagar, Sunderban (No.9-12) (No.25-28) (No.41-43)

(Group-4) (No.13-16) (No.29-32) (No.44-46) (Compilation Work)

Note:-Group-1-3 will be compiled by group-4 members

SOCIAL SCIENCE

A nation's culture resides in the hearts and in the soul of its people. ...

In an initiative to expose our young learners to the rich cultural heritage of India, students are required to prepare a monograph on the following districts in the state of West Bengal. The monograph will comprise of the flora and fauna, wildlife, monuments, festivals, cuisines, costumes, customs, rituals, cultural norms and traditions and famous personalities from various walks of life- artists, scientists, patriots, leaders etc.

Districts have been allotted section wise:
1. Murshidabad   (8A)
2. Darjeeling   (8B)
3. Birbhum   (8C)
4. South 24 Parghanas   (8D)

The children of a class are divided into 4 groups with a group leader for each of the group –
GROUP I   (Roll Numbers:1 to 11)   * Roll No. 1 is the group leader
GROUP II   (Roll Numbers:12 to 21) * Roll No. 12 is the group leader
GROUP III   (Roll Numbers:22 to 31) * Roll No. 22 is the group leader
GROUP IV   (Roll Numbers:32 to 45) * Roll No. 32 is the group leader

SANSKRIT

1 1.दार्जिलिंग के किसी एक दर्शनीय स्थल/ सुन्दरवन का चित्र बनाएँ व उससे सम्बन्धित संस्कृत में पाँच वाक्य लिखें |
2.पठित पाठों का पुनराभ्यास करें |
3. रूप याद करें-
    शब्दरूप- मातृ, पितृ , साधु, मति, नदी, (किम् , यत्, इदम् - तीनों लिंगों में)
    धातुरूप- गम्, भू, पा, दृश्, अस् (पाँचों लकार में)
    संस्कृत में संख्यावाचकशब्द (1- 50 तक) याद करें |

FRENCH

Students to describe a famous place of the assigned city with the help of PPT. A short description in French and images of the place chosen are to be incorporated in the PPT.

INFORMATION TECHNOLOGY & ARTIFICIAL INTELLIGENCE

Prepare a travelogue on Siliguri/Darjeeling using Adobe Spark Page or any other software. You are required to use Google Apps (Google Earth, Google Maps, Google translate etc.) to guide the travelers to their destination. Each student is required to prepare and submit their travelogue by sharing the link of their page in the Google form provided by your IT teacher.

You are required to prepare the Travelogue based on the following subtopics.

ROLL NO	SUBTOPICS
Vistara- 1 to12	Topography and Climate, Flora and Fauna, Historical Background: Architecture and monuments.
Canvas- 13 to 24	Cultural norms and Traditions, Costumes and cuisines
Caravan- 25 to 36	Art and Culture: Language, Festivals, Music, Art, Dance
Cradles of Eminence- 37 till the last Roll No	Well Known artists, scientists, patriots, leaders etc.

ARTIFICIAL INTELLIGENCE

Collect the datasets of Covid infected patients detected between 10th May-10th June (any 15 days) in these cities. Use any data collection sources.

ATAL TINKERING LAB

GAME DESIGN
CONSERVATION OF AQUATIC LIFE

Problem statement:

Due to water pollution and excessive fishing, marine ecosystem is under excessive pressure. Due to excessive fishing and hunting, species like turtle, whales and dolphins are reducing at an alarming rate. And due to dumping of sewage in oceans, varieties of diseases are occurring in fishes. The fishes consumed as food are causing illness in humans as well.

Game Design Overview:
In this game, you role play as a policy maker for preventing fishing, hunting and encouraging good practices to prevent excessive fishing and promote initiatives to protect the marine life. You will have access to data of populations of whales, fishes, turtles and dolphins which will change over a period of time based on the steps that you take.

How to Design the Game:

- Step 1: The game starts with population of fishes, whales, turtles and dolphins accessible to you. As time progresses the data will change in a fashion that you will notice excessive fishing, hunting of sharks, turtles, whales etc.
- Step 2: If the population of shark, whales or fishes go below a certain value they will become endangered.
- Step 3: Once they are endangered, you will have to take prompt action by setting up new policies like:

- o Banning fishing in certain areas called as marine protected areas in the sea and ocean
- o Introducing new projects to promote marine conservation
- o Spread public awareness of marine conservation
- Step 4: If no timely action is taken based on step 3, the aquatic animals can go extinct.
- Step 5: Your mission is to implement all the policies based on step 3 and ensure that the population levels achieve excellent status implying ample population of aquatic animals
- Step 6: If you are unable to implement any of the 3 policies before the species go to extinct from endangered, then the game will be over

Detailed Document on the topic for better understanding:
https://docs.google.com/document/d/1QabnU3xby_WTpSCNstlWfBp5vEfAGVxEU87fBXmw6YQ/edit?usp=sharing
Any Game Development Platform can be used like Scratch 3.0, MIT App Inventor, and Thunkable etc.
Students to complete the Game Development module by Atal Innovation Mission and submit the certificate.
Game Development Module:
Class VIII - https://planetcode.in/courseInfo/3
Assessment: **https://forms.gle/tsSBWuTppAoXZrgp8**
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Schedule of Holiday Homework Doubt Clearing Session

S.NO	DAY	SUBJECT	TIMINGS
1	Monday	Mathematics	1:00 – 2:00 pm
2	Tuesday	Science	1:00 – 2:00 pm
3	Wednesday	Social Science	1:00 – 2:00 pm
4	Thursday	English	1:00 – 1:30 pm
		IT/AI	1:30 – 2:00 pm
5	Friday	Hindi	1:00 – 1:30 pm
		Sanskrit/French	1:30 – 2:00 pm

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stay *safe* and *healthy* #StayHome

HAPPY LEARNING ☺ ☺ ☺