



HOLIDAY HOMEWORK CLASS IX- 2024-25

IN SUMMER'S WARMTH, WE FIND DELIGHT, WITH DAYS SO LONG AND SKY SO BRIGHT. THROUGH BOOKS AND NATURE, WE'LL FIND OUR WAY, DISCOVERING WONDERS EVERY SINGLE DAY. IN THIS SEASON OF SUNSHINE AND BLUE, THERE'S ENDLESS KNOWLEDGE WAITING FOR YOU.



Dear Parents,

The much awaited Summer Vacation has begun and we are excited to present meticulously curated Holiday Homework for the academic year 2024-25.

This year's assignment is packed with a diverse range of tasks and projects to ignite the imagination of our students. From exploring nature to creating work of art, there's something for everyone. At Bal Bharati Public School, Pitampura, as we prioritize academic growth, we equally value the significance of relaxation and rejuvenation. We urge our students to seize this opportunity to unwind, cherish quality moments with family, and engage in activities that ignite joy. Our aim is not only stimulate our students intellectually but also encourage them to discover new interests and talents.

In an endeavour to foster holistic development of students, each subject related task is based on different levels of Bloom's Taxonomy and caters to various skills, competencies and interests. Let us together guide our students to discover and utilize their individual strengths and talents. We are grateful for your unwavering support in all our endeavours.

Warm Regards Ms. Meenu Goswami (Principal)



Suggested Bucket List for you:-

1. Organize a Book Club: Start a book club with friends and read books you've always wanted to read but never had time to do so.

2. Learn a New Skill: Learn a new skill, such as cooking, coding, photography, or a new language.

3. Ditch your Gadgets : Set limits on screen time not just for yourself but for the entire family. Establish a household rule that says gadgets need to be shut off at certain times.

4.Eat Dinner Together: Eat at least one meal with your family.











COMPONENTS

The Holiday Homework has the following components:

1. Sewa Activity

2. Transdisciplinary Project:

THEME: VIKSIT BHARAT

3. Ek Bharat Shresth Bharat Project - based on Lakshadweep and the Andaman and Nicobar Islands. It also includes compulsory <u>CBSE Social Science Disaster</u> <u>Management</u> Assignment.

4. Revision Assignments



General Guidelines for Holiday Homework Project:

1. All the components of Holiday Homework are <u>mandatory</u>.

2. Students are required to create a project file to compile assignments of both Viksit Bharat and EBSB.

- 3. The project file must consist of:
- Index page
- Subject based tasks
- Last Page Exit Ticket- Your learning

4. Design an interesting cover page. It should be designed aesthetically and creatively indicating the name of the student along with the class, section, and session (2024-25).

5. You may make a collage of photographs to demonstrate a particular point.

- 6.You may use newspaper clippings.
- 7. Revision Assignments must be attempted.

Assessment Criteria

- Understanding of the concept of Viksit Bharat & EBSB and their goals.
- Clarity and Coherence in presenting the ideas related to development and other initiatives.
- Creativity in proposing solutions.
- Depth of research and incorporation of relevant facts and statistics.
- Presentation quality, including organization, neatness and adherence to the guidelines.

LAST DATE OF SUBMISSION : July 5, 2024



. SEWA ACTIVITY

Project Focus - First Aid/Disaster Prevention and Mitigation



Target Point - To bring awareness in the society about safety concerns, reactions to different types of dangers and how to give first aid during emergencies.

Learning Outcomes:

Every learner will be able to:

- understand the importance of being safe and responsible.
- practice first aid skills in order to empower himself/herself to help people during emergencies.
- learn the basics of First Aid.

https://www.youtube.com/watch?v=Xgc90CoJbDI

https://youtu.be/FiqyFRxBdBk?si=uY1KvwW4yiHNvzTQ

https://youtu.be/PmmhxW0vVXA?si=npWssqL8Dv-NSpEt



Emergencies can happen anywhere, while playing a game, on a city street, at the grocery store or at home. How will you react?

Imagine these common situations.(Attempt any five) 1. Dizziness, Fainting- How would you help a person who is sitting at the airport and he is feeling dizzy?

2. Choking- You're talking at the dinner table, and someone starts coughing. When does it become an emergency?

3. Nosebleeds- What is the emergency treatment during nose bleeding? What would you do if your friend was bleeding in class?

4.Cuts and Scrapes- Imagine when someone sustains a deep cut.

5. Burns - Consider someone accidentally touching a hot surface.

6. What will you do if your domestic help gets bitten by a bee?

7 Imagine a situation where you are working on your laptop and it is getting charged. What will you do if you see a spark in the plug?

8.You are alone at home and suddenly your grandmother becomes unconscious. What will you do?



2. Transdisciplinary Project: THEME: VIKSIT BHARAT

SUBJECT	ENGLISH
TOPIC-PROJECT / ACTIVITY	Research on Sustainable Development Goals Case study on SDG 13: Climate Action Analyze the impacts of climate change and ways individuals and communities can mitigate them. <u>Reflect</u> on the reduction in forest cover and mushrooming hotels and resorts in hilly areas.
LEARNING OUTCOME/SKILL ENHANCED	 Each learner will be able to:- elaborate on SDG. assess the importance of SDG in the world. research and present a case study, based on SDG goal 13.
RESOURCES	https://www.un.org/en/climatechange/what-is-climate- change_ https://youtu.be/L1YcAbs3bdY?si=3ln6BGs8vK5sntD0 https://youtu.be/i0vCXMfXl0k?si=zhU7IEJ-3o9-hqPY
MODE OF SUBMISSION	Offline A4 Sheets: Based on the case study, write a short report. Include your research and findings. You may add relevant statistics and pictures.(120-130 words)
RUBRICS	Content:2 Relevance:2 Presentation:1



PITAMPURA	
SUBJECT	SCIENCE
TOPIC-PROJECT / ACTIVITY	Chemistry plays an important role in various sectors. The progress in the field of Chemistry can significantly impact India's socio-economic growth and overall development. Create a visually impactful poster that effectively communicates <u>the relationship between Chemistry and</u> <u>the vision of Viksit Bharat.</u> You may highlight the impact of Chemistry on various aspects of India's development, such as economic growth, health care, agriculture and environmental sustainability.
LEARNING OUTCOME/SKILL ENHANCED	 Each student will be able to: discuss the impact of Chemistry on various aspects of India's socio-economic growth. develop strategies at different levels to think of the ways of enriching our country by involving Chemistry in everyday life.
RESOURCES	<u>https://youtu.be/oJUyG1ENF1Q?si=z-</u> <u>inwyYgcf9dr9sOhttps://youtu.be/Gsl_bZ18Iyo?</u> <u>si=jRiUc03jY6lgCCjS</u>
	Offline On A4 size sheets
RUBRICS	Content - 2 marks Originality- 2 marks Presentation- 1 mark



SUBJECT	MATHEMATICS
TOPIC-PROJECT / ACTIVITY	Real numbers are an integral part of our daily lives as well as help in projecting the economic growth of a country. The country's working population will increase between 2020 to 2050 and serve as a catalyst for economic growth. Research on the following and represent the numbers in the form of rational numbers. 1) What is the target GDP of India to become a developed nation by 2047 ? Is it a rational number or irrational number? 2) By what percentage will the GDP have to increase every year to achieve this goal ? 3) What is meant by Human capital Index(HCI) ? a) What is India's rank in HCI report released by world bank (2020) and what is its score ? Express India's HCI value as rational number in p/q form . b) Which county ranks number One in HCI index ? c) HCI value of any country lies in which range? How many rational numbers lie between this range ? 4) Share your opinion on how India will be able to achieve this goal .
LEARNING OUTCOME/SKILL ENHANCED	 Each student will be able to: understand rational and irrational numbers in real-life contexts, such as projecting economic growth and setting GDP targets. infer the importance of human capital in economic development and the role it plays in a country's progress. Apply mathematical concepts to analyze economic data and projections, including calculating percentage increases.
RESOURCES	https://tiss.edu/viksit_bharat/ https://en.m.wikipedia.org/wiki/Human_Capital_Index https://www.youtube.com/watch?v=iCUIAQkOwKw
MODE OF SUBMISSION	offline on A-4 Sheet
RUBRICS	Originality - 1 Presentation - 2 Use of supporting Evidences - 2



SUBJECT	SOCIAL SCIENCE
TOPIC-PROJECT / ACTIVITY	Research and Report on Sustainable Development Goals (SDGs):- Students to research on one or more SDGs and prepare a report in about 150-200 words highlighting the current status of those goals in Uttar Pradesh and Uttarakhand. Also, highlight strategies or initiatives that can be undertaken at individual, community, or governmental levels to contribute towards achieving these goals by 2047. Incorporate your report with relevant pictures.
LEARNING OUTCOME/SKILL ENHANCED	 Each student will be able to:- analyze the progress with regard to the SDGs in Uttar Pradesh and Uttarakhand. develop strategies at different levels to achieve SDGs goals.
RESOURCES	<u>http://cppgg.uk.gov.in/wp-</u> <u>content/uploads/2020/09/Draft-SDG-Report.pdf</u>
MODE OF SUBMISSION	Offline On A4 size sheets
RUBRICS	Content - 2 marks Originality- 2 marks Presentation- 1 mark



SUBJECT	HINDI
TOPIC-PROJECT / ACTIVITY	सतत विकास लक्ष्य - असमानता कम करना व्यक्तिगत गतिविधि निर्देश - प्रत्येक विद्यार्थी • असमानता विषय पर एक कविता लिखेगा। • एक पृष्ठ का नारा लेखन (चित्र सहित) • समस्त कार्य 4 पृष्ठ में किया जाएगा।
LEARNING OUTCOME/SKILL ENHANCED	उपविषय - सतत विकास लक्ष्य - असमानता कम करना दसवें एस डी जी का उद्देश्य सामाजिक, आर्थिक और राजनीतिक समावेशन को बढ़ावा देकर देशों के भीतर और बीच असमानता को कम करना है।इसमें समान अवसर सुनिश्चित करना, भेदभावपूर्ण नीतियों को खत्म करना और विकास के लिए वैश्विक साझेदारी को बढ़ावा देना शामिल है। विद्यार्थी असमानता के प्रति संवेदनशील बनेंगे
RESOURCES	https://www.youtube.com/watch? v=pVcGou0mXlEhttps://www.jagranjosh.com/general- knowledge/list-of-all-the-sustainable-development-goals- in-hindi-1524127958-2
MODE OF SUBMISSION	विद्यार्थी समस्त कार्य ए 4 पृष्ठ पर करेंगे
RUBRICS	विषय वस्तु - 3 अंक सृजनशीलता - 2 अंक



SUBJECT	SANSKRIT
TOPIC-PROJECT / ACTIVITY	भवतः मणिका पाठ्यपुस्तिकायां एकादशे "भाति मे भारतम्" पाठे संस्कृतभाषायां पर्वतानां नदीनां च नामानि सन्ति। तेषु पञ्चनदीनां पञ्चपर्वतानां च नामानि चित्वा लिखत। संबंधितान् श्लोकान् अपि लिखत।
LEARNING OUTCOME/SKILL ENHANCED	छात्राः संस्कृतभाषायां भारतस्य नदीनां पर्वतानां नामानि लेखितुम् समर्थाः भविष्यन्ति।
RESOURCES	<u>https://youtu.be/NVMtLVoPY50?si=_tNgLfxujlMvy4Px</u> <u>https://youtu.be/2a3w4cFFDwA?si=zhnhRhYs9dFvCGFF</u>
MODE OF SUBMISSION	ऑफ लाइन ए 4 पृष्ठ पर ।
RUBRICS	प्रस्तुतीकरण -1 विषय सामग्री -2 भाषा शुद्धता - 2



SUBJECT	GERMAN
TOPIC-PROJECT / ACTIVITY	Indo-German: Cultural Bond Explore the cultural richness of India and Germany, highlighting their unique aspects of architecture, cuisine and arts. Additionally, examine their technological, educational, and economic impacts. Contrast the progress of India and Germany in relation to these areas.
LEARNING OUTCOME/SKILL ENHANCED	 Each student will be able to:- understand the diverse cultural elements of India and Germany. appreciate the significance of cultural heritage. analyze and synthesize information. compare and contrast cultural aspects. draw meaningful conclusions.
RESOURCES	<u>https://www.youtube.com/watch?v=2LQs7ceLVxM</u>
	Offline submission on A4 sheet
RUBRICS	Content and Research: 2 marks Comparative Analysis: 2 mark Language and Communication: 1 mark



PUBLIC SCHOOL PITAMPURA	
SUBJECT	FRENCH
TOPIC- PROJECT / ACTIVITY	India and France: A Cultural Mosaic Explore the cultural richness of India and France, highlighting their unique aspects of architecture, cuisine, and arts. Additionally, assess their contributions and advancements in technology, education, and economics. Compare and contrast the developmental strides made by India and France in these domains. Document your analysis on an A4-sized sheet.
LEARNING OUTCOME/SKIL L ENHANCED	 Each student will be able to: identify and appreciate the unique architectural, culinary, and artistic traditions of India and France. compare and contrast the technological advancements and educational systems of both countries. analyze and understand the economic growth and challenges faced by India and France. engage in critical thinking by evaluating the influence of historical and contemporary factors on the development of both nations. appreciate the significance of cultural heritage.
RESOURCES	<u>https://en.wikipedia.org/wiki/List_of_World_Heritage_Sites_in_India</u> <u>India</u> <u>History Of The French In India: Colonial Past, Rivalries &</u> <u>Cultural Legacy - PWOnlyIAS</u> <u>Culture of France - Wikipedia</u>
MODE OF SUBMISSION	Offline - A4 sheet
RUBRICS	 Content and Research: 2 marks Presentation: 1 mark Comparative Analysis: 2 marks

Bal Bharati

3. Ek Bharat Shresth Bharat Project

Ek Bharat Shreshtha Bharat Project based on Lakshadweep, Andaman and Nicobar Islands. It also includes compulsory CBSE Social Science Disaster Management Assignment.

SUBJECT	ENGLISH
TOPIC-PROJECT / ACTIVITY	Imagine you are on a week-long trip to either the Andaman and Nicobar Islands or Lakshadweep. Write a <u>diary entry</u> reflecting on your daily experiences, adventures, and discoveries during your island exploration. Describe the sights, sounds, and vivid experiences you encountered, as well as any cultural or natural wonders that left lasting impressions on you.
LEARNING OUTCOME/SKILL ENHANCED	 Each student will be able to: gain insights into the rich cultural heritage of the Andaman and Nicobar Islands or Lakshadweep. develop an appreciation for the natural beauty and biodiversity of island ecosystems, fostering a sense of responsibility towards environmental conservation. practice descriptive writing skills by vividly capturing the sights, and sounds experienced during their island exploration, enhancing their ability to convey sensory details effectively. engage in reflective thinking, contemplating the significance of experiences and the lessons learnt, fostering personal growth and introspection.
RESOURCES	https://www.youtube.com/watch?v=q43hYTqNFXc https://www.youtube.com/watch?v=SckmeqUExS8
MODE OF SUBMISSION	Offline A4 size sheet
RUBRICS	Content - 2 marks Originality - 2 marks Accuracy - 1 mark



PUBLIC SCHOOL	
SUBJECT	SCIENCE
TOPIC- PROJECT / ACTIVITY	 Exploring the chemistry of the Andaman and Nicobar Islands presents an intriguing project opportunity, combining environmental science, marine biology, and geological studies. Prepare a project report on Discovering Chemistry in Andaman and Nicobar Islands. The project report may highlight the following points:- analyze the samples of soil for their chemical composition, organic matter and mineral composition. investigate how factors like weathering, vegetation and human activities influence soil chemistry. study the chemical composition of sea water around the islands, considering parameter such as salinity, dissolved oxygen and nutrient levels. discuss the implications of your findings for the conservation and sustainable development of Andaman and Nicobar Islands.
LEARNING OUTCOME/SKIL L ENHANCED	 Each student will be able to: investigate how factors like weathering, vegetation and human activities influence soil chemistry. study the chemical composition of sea water around the islands, considering parameter such as salinity, dissolved oxygen and nutrient levels.
RESOURCES	https://www.researchgate.net/publication/313602915 Chemical and mi neralogical properties of ferruginous soils of Andaman and Nicobar Isl ands https://www.researchgate.net/publication/349426252 Analysis of physi co- chemical characteristics of seawater in Andaman and Nicobar Islands using multivariate statistical analysis
MODE OF SUBMISSION	Offline on A4 size sheets
RUBRICS	Content - 2 marks Originality - 2 marks Presentation - 1 mark



SUBJECT	MATHEMATICS
TOPIC-PROJECT / ACTIVITY	 1. The population distribution of the ten main islands in Lakshadweep is : Island A: 15% Island B: 14% Island C: 20% Island D: 16% Island E: 17% Island F: 18% If the total population of Lakshadweep is 60,000, calculate the population of each island and represent population of all the islands in the form of a pie chart. Decorate/ create each sector of the pie chart with different art forms. 2. The coral reef area of Lakshadweep is approximately 4,200 square kilometers, constituting 12% of its total area. Calculate the total area of Lakshadweep.
LEARNING OUTCOME/SKILL ENHANCED	 Understanding of the impact of environmental factors, such as weathering, vegetation, and human activities, on soil chemistry and quality. Integration of interdisciplinary knowledge by combining principles of chemistry, environmental science and marine biology. Development of critical thinking skills Promotion of teamwork and collaboration through group-based research and data analysis activities, fostering interpersonal skills.
RESOURCES	https://timesofindia.indiatimes.com/city/kochi/lakshadweep- coral-reefs-face-bleaching-threat/articleshow/109812332.cms https://www.youtube.com/watch?v=t9- eHk6YMJg&pp=ygUXY29yYWwgcmVlZnMgbGFrc2hhZHdlZXA%3D https://www.youtube.com/watch? v=CTpzqNLjudk&pp=ygUXY29yYWwgcmVlZnMgbGFrc2hhZHdlZXA% 3D
MODE OF SUBMISSION	Offline on A-4 sheets
RUBRICS	Originality - 1 Creativity - 2 Use of different Art forms - 2



SUBJECT	SOCIAL SCIENCE
TOPIC-PROJECT / ACTIVITY	 Mitigation Measures Adopted During Fire Accidents Activity: Project Work Prepare a project report, highlighting the following: Page 1- Cover Page with suitable and relatable pictures Page 2- Common causes of fire in houses/buildings of Delhi and forests of Lakshadweep and Andaman and Nicobar Islands. Page 3 and 4- Mitigation measures adopted before, during and after the fire accident in the mentioned regions.
LEARNING OUTCOME/SKILL ENHANCED	 Each student will be able to- investigate the common causes of fire accidents around them. examine the preventive measures that can be adopted before, during and after the fire accidents.
RESOURCES	<u>https://www.jimstestandtag.com.au/top-10-causes-of-fire/</u> <u>https://www.andamansheekha.com/111865/</u>
MODE OF SUBMISSION	 Students will do their project on A4 size sheets. Support project with pictures and newspaper articles. Offline submission
RUBRICS	Content - 2 marks Cover Page -2 marks Presentation- 1 mark





PITAMPURA

SUBJECT	HINDI	
TOPIC- PROJECT / ACTIVITY	व्यक्तिगत गतिविधि • प्रत्येक विद्यार्थी अंडमान -निकोबार या लक्षद्वीप की कोई एक लोककथा को सचित्र लिखेंगे	
LEARNING OUTCOME/SKI LL ENHANCED	*प्रत्येक विद्यार्थी लोक शब्द की अवधारणा से परिचित होगा *कहानी लेखन कला का अभ्यास होगा *आंचलिक शब्दावली ज्ञान में वृद्धि होगी	
RESOURCES	<u>https://www.youtube.com/watch?v=cqteBhCS5ml</u> _	
MODE OF SUBMISSION	ऑफ लाइन ए 4 पृष्ठ पर ।	
RUBRICS	कथानक - 2 अंक प्रस्तुतिकरण - 2 अंक भाषा कौशल - 1 अंक	

Bal Bharati PUBLIC SCHOOL			
SUBJECT	SANSKRIT		
TOPIC-PROJECT / ACTIVITY	अण्डेमानलक्षद्वीपनिकोबार-इति द्वीपानाम् प्राकृतिक- सौन्दर्यम्" अस्मिन् विषये संस्कृतभाषायां दश पंक्तयः लिखन्तु। सम्बन्धित - चित्राणि अपि संलग्नं कुर्वन्तु। छात्राः संस्कृतभाषायां प्रदत्त -स्थलस्य विषये लेखितुम् समर्थाः भविष्यन्ति।		
LEARNING OUTCOME/SKILL ENHANCED			
RESOURCES	https://youtu.be/OZvg_9cBnX4?si=jxiQKCRiGhOdcjs3 https://youtu.be/BYkulztySOY?si=2W8tlGH_jjOg4OSM https://youtu.be/IKSBdpQ3XyY?si=f-wcRRn044LNaOIA https://youtu.be/X1qcSNloKVY? si=FTXZGfbAoUQ8UnOR		
	ऑफ लाइन ए 4 पृष्ठ पर ।		
RUBRICS	प्रस्तुतीकरण -1 विषय सामग्री -2 भाषा शुद्धता - 2		





PITAMPURA

SUBJECT	GERMAN	
TOPIC- PROJECT / ACTIVITY	Design a tourist brochure in German showcasing the attractions, cuisines and activities of Lakshadweep/Andaman and Nicobar. It should include sections on best travel times, local festivals and tips for travelers.	
LEARNING OUTCOME/ SKILL ENHANCED	Each student will be able to gain insights into the rich cultural heritage of Lakshadweep and Andaman and Nicobar Islands.	
RESOURCES	https://www.youtube.com/watch?v=GwbrKNrlXZs	
MODE OF SUBMISSION	Offline A- 4 Sheet	
RUBRICS	Content-2 Presentation-1 Creativity-2	





SUBJECT FRENCH Create a Tourist Brochure in French on an A4 size sheet, showcasing the attractions, cuisine, and activities of the **TOPIC-PROJECT /** Lakshadweep/Andaman and Nicobar Islands. Include ACTIVITY sections on the best times to visit, local festivals, and practical tips for travelers. Each student will be able to: enhance French language skills through the application of vocabulary and grammar in a practical context. LEARNING • gain knowledge about the unique cultural aspects of **OUTCOME/SKILL** the Lakshadweep and Andaman and Nicobar Islands. **ENHANCED** develop design skills by creating an engaging and visually appealing brochure layout. • learn about the geography of the islands, including the best travel times and local festivals. Tourism | Lakshadweep | India RESOURCES https://www.tripadvisor.in/Tourism-g297583-Andaman and Nicobar Islands-Vacations.html **MODE OF Offline - A4 sheet** SUBMISSION **Content-2** RUBRICS **Presentation-1 Creativity -2**



4. REVISION ASSIGNMENTS

Dear Students

Please refer to the details of the revision worksheets (P.P.Publication /Subject Based Assignments). Kindly note that the worksheets are to be done in the booklet itself. For your reference, the pdf of the same will be uploaded on the Google Classroom .

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ENGLISH	Tenses, The Fun They Had, The Sound of Music- Part 1&2, The Road not Taken, Wind	Worksheet 18,19,20,27,28,38,39
MATHS	Lines and Angles, Number System Coordinate Geometry	1B , 6B , 3A
HINDI	दुख का अधिकार, संवाद ,उपसर्ग प्रत्यय	8,12,28
GERMAN	Genetiv Conjunctions	Worksheets uploaded on GC
FRENCH	Les compréhensionsConjuguez les verbes au présent, passé composé et futur simple (Entre Jeunes)	Worksheets uploaded on GC
SANSKRIT	अपठित बोध , चित्र वर्णनम् , पत्र- पूर्ति , संवाद-पूर्ति Worksheets will be uploaded directly on GC	Worksheets uploaded on GC
PHYSICS	Chapter-7, Motion	7A(Page no 51,52&53)
CHEMISTRY	Matter in Our Surroundings	Worksheet no 1A, 1B (Pg no- 9 to 14)



REVISION ASSIGNMENTS

SUBJECT	NAME OF THE CHAPTER	WORKSHEET NO.
BIOLOGY	The Fundamental Unit of Life	Worksheets uploaded on GC
HIS/CIVICS	French RevolutionWhat is Democracy? Why Democracy?	Worksheet no. 1A (Pg 3- 6)Worksheet no. 1A (Pg 43-46)
ECONOMICS	Story of the Village Palampur	Worksheet no. 1A, 1B (Pg 129- 136)
GEOGRAPHY	India- Size and Location	Worksheet no. 1A,1B (Pg 83-90)