



BAL BHARATI PUBLIC SCHOOL, PITAMPURA

CLASS 10 – HOLIDAY HOMEWORK

2025-26

As we step into the sunshine of summer, let's spark our curiosity and creativity. May this break be a time of discovery, growth, and joy!

To make the most of your vacation, we've prepared engaging tasks and activities to keep you inspired and motivated. Here are some tips to help you stay on track:

1. **Plan Your Time:** Create a schedule that balances study, relaxation, and fun.
2. **Prioritize Tasks:** Focus on the most important assignments first.
3. **Stay Consistent:** Maintain a regular study routine.
4. **Take Breaks:** Refresh your mind with short breaks.
5. **Seek Help:** Don't hesitate to ask teachers or friends for support.
6. **Stay Organized:** Keep your study space tidy and organized.

Check the attached Holiday Homework document for details, resources, and submission guidelines.

Wishing you a wonderful break filled with learning, laughter, and adventure!

Celebrating International Yoga Day

As we approach the International Yoga Day on 21st June 2025, let's make a commitment to prioritize our well-being. Here are some simple yet powerful practices to adopt:

- Practise yoga with your family daily, even if it's just for a few minutes.
- Nourish your body with a balanced and healthy diet.
- Establish a consistent sleep routine to recharge your mind and body.
- Take a few moments each day to meditate and connect with your inner self.

Let's embark on this journey of wellness together and make healthy habits a part of our daily lives!

Highways to Progress – A Path to Learning

Highways to Progress, the theme of this year's Holiday Homework, endeavours to help students explore how modern infrastructure is shaping India's growth story. With the rapid expansion of highways across the country, students get a chance to understand their impact on connectivity, economy, tourism, and national development.

This theme not only highlights India's progress but also encourages students to think critically, research real-world changes, and present their findings creatively. The activities have been thoughtfully curated to help students explore various aspects of this development through engaging and age-appropriate tasks. So, let us embark on a journey of learning through the roads that are transforming the nation.

SUBJECT	English
ASSESSMENT PARAMETER	SUBJECT ENRICHMENT ACTIVITY INVOLVING EK BHARAT SHRESHTHA BHARAT
TOPIC-PROJECT / ACTIVITY	<p>Design a Bookmark (Sermon at Benares)</p> <p>Details: On a rectangular piece of paper (around 2 inches by 6 inches), design a bookmark using the following:</p> <ul style="list-style-type: none"> ○ Draw a symbol of peace or wisdom (inspired by Thangka art). <p style="padding-left: 40px;">Ideas:</p> <ul style="list-style-type: none"> ▪ A lotus flower ▪ Lord Buddha’s face ▪ A wheel (Dharmachakra) ▪ Sunrise, tree, or mandala-style borders ○ Add a short quote/message from the chapter or your own thought, like: <ul style="list-style-type: none"> ▪ “Everything that is born must die.” ▪ “Peace begins with understanding.” ▪ “Let go of pain. Hold on to peace.”
LEARNING OUTCOME/SKILL ENHANCED	<p>Each student will be able to:</p> <ul style="list-style-type: none"> • enlist the core message of detachment and peace • analyse traditional Sikkimese art elements • design a meaningful piece of art
RESOURCES	<ul style="list-style-type: none"> • National Museum, New Delhi – Tibetan Thangka Art https://museumsofindia.gov.in/repository/museum/national-museum-new-delhi (Search “Thangka” in the repository to view Indian-origin artworks) • Google Arts & Culture – Thangka Paintings https://artsandculture.google.com (Search: “Thangka paintings”, “Buddha symbols”, “Tibetan art” for detailed images and meanings)
MODE OF SUBMISSION	Offline
RUBRICS	<p>Visual Appeal and Creativity - 2 marks</p> <p>Relevance to the topic – 2 marks</p> <p>Neatness and Presentation - 1 mark</p>

SUBJECT	Maths
ASSESSMENT PARAMETER	SUBJECT ENRICHMENT ACTIVITY INVOLVING TRANS-DISCIPLINARY PROJECT
TOPIC-PROJECT / ACTIVITY	<p><u>Data Analysis in Infrastructure</u></p> <p><u>Title of the Chart: The Backbone of Connectivity</u></p> <p>Details: Create a colourful <u>Pie Chart</u> on types of roads in India (National Highways (NH), State Highways (SH), Village/Rural Roads, Other Roads (District, Urban, etc.)).</p> <p>Note: The actual percentage values can be added based on the latest data from the Ministry of Road Transport and Highways, Government of India.</p> <p><u>Answer the following questions on the basis of Comparative Analysis:-</u></p> <p>Q-1) If the government plans to increase the length of National Highways by 10%, what will be the new percentage of National Highways in the total road network?</p> <p>Q-2) What is the difference in the total length and geographical coverage between National Highways and State Highways in India, and how do they contribute to the overall road transportation network?</p>
LEARNING OUTCOME/SKILL ENHANCED	<p>Each students will be able to:</p> <ul style="list-style-type: none"> • interpret statistical data related to India's road network. • create and analyze a pie chart to represent data visually. • understand the functions and importance of different road types.
RESOURCES	<p>Resources:</p> <p>Roads in India - Wikipedia https://en.wikipedia.org/wiki/Roads_in_India</p> <p>Ministry of Road Transport and Highways https://morth.nic.in/</p> <p>Basic Road Statistics of India 2018-19 https://morth.nic.in/sites/default/files/Basic%20Road%20Statistics%20in%20India-2018-19.pdf</p>
MODE OF SUBMISSION	Offline
RUBRICS	<p>Accuracy of Data Representation - 2 marks</p> <p>Visual Appeal and Creativity - 2 marks</p> <p>Reflection and Insights - 1 mark</p>

SUBJECT	SCIENCE
ASSESSMENT PARAMETER	SUBJECT ENRICHMENT ACTIVITY INVOLVING TRANS-DISCIPLINARY PROJECT
TOPIC-PROJECT / ACTIVITY	<p>A detailed project report (5–7 pages) exploring how solar energy, sensors, recycled materials, and green technologies can be used in highway construction.</p> <p>Topics to cover:</p> <ul style="list-style-type: none"> • What makes a highway <i>smart</i>? (e.g., sensors, LED lighting, solar panels, traffic management systems) • What makes a highway <i>sustainable</i>? (e.g., recycled materials, rainwater harvesting, noise barriers, green belts) • The role of Physics (motion, energy), Chemistry (materials, pollution), and Biology (impact on ecosystems) in highway design
LEARNING OUTCOME/SKILL ENHANCED	<p>Each student will be able to :</p> <ul style="list-style-type: none"> • understand the science behind transportation infrastructure. • analyze environmental impact and propose eco-friendly alternatives.
RESOURCES	<p>Websites:</p> <ul style="list-style-type: none"> • NHAI (National Highways Authority of India) nhai.gov.in • MoRTH (Ministry of Road Transport & Highways) https://morth.nic.in/ • United Nations Sustainable Development Goals – SDG 9 & 11 <p>https://sdgs.un.org/goals</p> <p>YouTubeVideos :</p> <p>"Smart Highways Explained", "How Solar Roads Work", "India's Green Highway Projects"</p>
MODE OF SUBMISSION	Offline
RUBRICS	<p>Content - 2 marks</p> <p>Presentation & Report - 2 marks</p> <p>Relevance - 1 mark</p>

SUBJECT	HINDI
ASSESSMENT PARAMETER	SUBJECT ENRICHMENT ACTIVITY INVOLVING TRANS-DISCIPLINARY PROJECT
TOPIC-PROJECT / ACTIVITY	<p>निर्देश:</p> <p>विद्यार्थी नीचे दिए गए संकेत बिंदुओं और निष्कर्ष को आधार बनाकर रचनात्मक शैली में अनुच्छेद लेखन करें।</p> <p>विषय: अगर सड़कें बोल पातीं तो क्या कहतीं? संकेत बिंदु: सड़क की नज़र से देश और समाज का चित्र सफर में देखे बदलाव - लोग, गाँव, शहर यातायात, गंदगी, दुर्घटनाएँ और सुधार की ज़रूरत सड़क की अपील - मुझे संभालो, सुरक्षित चलो (विद्यार्थियों के लिए प्रेरक संदेश) प्रगति का रास्ता सिर्फ आगे बढ़ना नहीं होता, यह सोच-समझ और संतुलन के साथ चलने की माँग करता है। सड़कें केवल गंतव्य नहीं जोड़तीं, वे पीढ़ियों के सपनों को जोड़ती हैं।</p>
LEARNING OUTCOME/SKILL ENHANCED	<ul style="list-style-type: none"> • कल्पनाशीलता का प्रयोग कर लेखन करना सीखेंगे। • विषय से संबंधित भाव और विचारों को क्रमबद्ध रूप में प्रस्तुत करेंगे। • विकास और सामाजिक चेतना को समझने का प्रयास करेंगे।
RESOURCES	समाचार पत्रों व पत्रिकाओं में सड़क व विकास संबंधी लेख कक्षा में की गई चर्चा व शिक्षक द्वारा दिए गए संकेत इंटरनेट (सड़क निर्माण, यातायात व्यवस्था, आदि पर जानकारी)
MODE OF SUBMISSION	विद्यार्थी अनुच्छेद को अपनी हिंदी की नोट बुक में सुंदर लेख में लिखकर निर्धारित तिथि तक जमा करें।
RUBRICS	<p>कुल अंक-5</p> <p>कल्पनाशीलता और मौलिकता -1 भाषा की शुद्धता और प्रभावशीलता -2 निष्कर्ष की समझ और प्रस्तुति -2</p>

SUBJECT	SANSKRIT
ASSESSMENT PARAMETER	SUBJECT ENRICHMENT ACTIVITY INVOLVING TRANS-DISCIPLINARY PROJECT
TOPIC-PROJECT / ACTIVITY	<p>“प्रगत्याः पथि भारतदेशम् ।”</p> <p>प्रकृत्या सुरम्यं विशालं प्रकामं । सरित्त्वारहारैः ललामं निकामम् ॥ हिमाद्रिर्ललाटे पदे चैव सिन्धुः । प्रियं भारतं सर्वथा दर्शनीयम् ॥</p> <p>विस्तार - भारतस्य प्रगत्याः प्रशंसायां त्रीन् श्लोकान् स्मृत्वा लिखन्तु। समुचितकार्यम् चित्रैः सज्जितं कुर्वन्तु।</p>
LEARNING OUTCOME/SKILL ENHANCED	<ul style="list-style-type: none"> व्यक्तिगतव्यञ्जनम् : स्वस्य विचारान् चिन्तनानि संस्कृतभाषायां साझाकरणम्। भाषाकौशलम् : सम्यक् व्याकरणेन सह संस्कृतभाषायां सुसंगतपरिच्छेदलेखनम्। शोधकौशलम् : विश्वसनीयस्रोताभ्यां तथ्यात्मकदत्तांशसङ्ग्रहणं व्यवस्थितीकरणं च। समीक्षात्मकचिन्तनम् : विकासपरियोजनायाः प्रभावस्य चुनौतीनां च विश्लेषणम्।
RESOURCES	<p>=</p> <p>https://youtu.be/Vpv8eMlXuzM?si=zbr1_Ykn4aWjX1sC https://youtu.be/EQFhoHyEAYg?si=7Wc0fYpR-OCYQBcq https://youtu.be/V2UTeMSsYwI?si=TPuH-O3F8LcAph5 https://youtu.be/bWDwK4W_U9Y?si=CTSMgh7vh71mwMIB</p>
MODE OF SUBMISSION	Offline – A-4 SHEET
RUBRICS	<p>भाषायाः प्रयोगः व्याकरणस्य शुद्धता च - 2</p> <p>रचनात्मकता -1</p> <p>विषय सम्बन्धित श्लोकाः - 2</p>

SUBJECT	GERMAN
ASSESSMENT PARAMETER	SUBJECT ENRICHMENT ACTIVITY INVOLVING TRANS-DISCIPLINARY PROJECT
TOPIC-PROJECT / ACTIVITY	<p>Dialog Schreiben</p> <p>zwei Freunde treffen sich mit einander und diskutiert ueber das Land Indien und seinen Erfolg. Schreib eine Dialog.</p>
LEARNING OUTCOME/SKILL ENHANCED	<p>Each student will be able to :-</p> <ul style="list-style-type: none"> • practice and improve their conversation skills in German. • expand their vocabulary related to topics like science and technology. • develop their opinions on various topics related to India.
RESOURCES	https://www.businesstoday.in/latest/story/oscars-to-air-indias-biggest-order-pm-modi-lists-indias-achievements-in-75-days-of-2023-373964-2023-03-18
MODE OF SUBMISSION	Offline submission on A4 sheet
RUBRICS	<p>Content : 2 marks</p> <p>Presentation : 1 mark</p> <p>Language and Communication: 2 marks</p>

SUBJECT	FRENCH
ASSESSMENT PARAMETER	SUBJECT ENRICHMENT ACTIVITY INVOLVING TRANS-DISCIPLINARY PROJECT
TOPIC-PROJECT / ACTIVITY	<p>Autoroutes de France et de l'Inde : Les routes du progrès (Highways of France and India: Roads of Progress)</p> <p>Activity:</p> <ol style="list-style-type: none"> Choose one major highway from France <p>Examples:</p> <ul style="list-style-type: none"> Autoroute A1 (Paris–Lille) Autoroute A6 (Paris–Lyon) Autoroute A7 (Lyon–Marseille) Autoroute du Soleil (connects Paris to southern France) <ol style="list-style-type: none"> Choose one major highway from India <p>Examples:</p> <ul style="list-style-type: none"> Delhi–Mumbai Expressway Golden Quadrilateral Bengaluru–Chennai Expressway <ol style="list-style-type: none"> Prepare a Comparative Report (in French) on an A4 sheet <p>Include:</p> <ul style="list-style-type: none"> Introduction (5–6 lines) Brief description of both highways (name, route, distance, purpose) Key benefits to people (e.g., faster travel, economic growth) At least one challenge faced each country (e.g., maintenance, traffic) A concluding opinion in French <ol style="list-style-type: none"> Add relevant pictures, maps, or visuals (with French labels)
LEARNING OUTCOME/SKILL ENHANCED	<p>Each learner will be able to:</p> <ul style="list-style-type: none"> understand the role of transport infrastructure in development. enhance french vocabulary and sentence construction. analyse the data through comparative analysis. <p>Skills Enhanced:</p> <ul style="list-style-type: none"> Language Skills (French writing, translation) Research & Data Interpretation Creativity & Visual Design Critical Thinking Cultural Awareness (India–France comparison)
RESOURCES	<p>Online Resources for Research:</p> <p>https://www.nhai.gov.in – National Highways Authority of India</p> <p>https://www.digitalindia.gov.in – Digital India Mission</p> <p>https://fr.wikipedia.org – For French highways (search terms like Autoroute A6)</p> <p>https://www.bison-fute.gouv.fr – Real-time traffic and highway maps in France</p> <p>Google Maps – To trace routes and city connections</p> <p>YouTube – For short videos on French and Indian highway projects</p> <p>News websites: The Hindu, Times of India, Le Monde (for updates on infrastructure)</p>
MODE OF SUBMISSION	<p>Offline</p> <p>The presentation to be done on A4 sheets</p>

RUBRICS	<ul style="list-style-type: none"> • Content Accuracy and Relevance (1 mark) • French Language and Grammar (2marks) • Comparison and Critical Thinking (1mark) • Creativity and Presentation (1mark)
SUBJECT	SOCIAL SCIENCE
ASSESSMENT PARAMETER	<p>CBSE PROJECT</p> <p>It is mandatory for every student to undertake this project. Students may select any one topic from the options given below:</p> <ol style="list-style-type: none"> 1. Consumer Awareness 2. Social Issues 3. Sustainable Development <p>Note: Topic specific details have been mentioned below. Kindly choose one and submit accordingly.</p>
TOPIC-PROJECT / ACTIVITY	<p><u>Social Issues</u> <i>Ad for a Cause: Speak Up, Stand Out!"</i></p> <p>Activity Description: Design a social advertisement on any one of the following relevant social issues-</p> <ul style="list-style-type: none"> •Cyber Safety and Digital Well-being •Mental Health Awareness •Drug Abuse Awareness •Promoting Inclusivity and Respect for All <p>Instructions:</p> <p>The advertisement must be made on an A4 size sheet.</p> <p>It should be visually appealing, using drawings, sketches, or digital prints.</p> <p>A catchy slogan must be included, which reflects the core message.</p> <p>The ad should not exceed one page and must have a clear, bold title.</p> <p>OR</p> <p><u>Sustainable Development</u> <i>Empowering Today, Preserving Tomorrow: Sustainable Development for a Better Future.</i> The students will create an advertisement citing ways to promote sustainable tourism on the island groups of India. They will present their ideas with relevant pictures and information on an A4 size sheet.</p> <p>OR</p> <p><u>Consumer Awareness</u></p> <p>"Jaago Grahak Jaago" campaign launched by the Government of India to empower consumers and protect them from exploitation.</p> <p>Methodology:</p> <p>Prepare a questionnaire with 10–15 questions on topics related to consumer</p>

	<p>rights, practices, and behaviour.</p> <p>Collect responses via Google Forms / printed sheets / interviews.</p> <p>Present the collected data in the form of pie charts, bar graphs, or tables.</p> <p>Mention trends and patterns noticed (e.g., most people don't ask for bills, many are unaware of complaint portals, etc.)</p> <p>Key Findings:</p> <ul style="list-style-type: none"> Summarize the most important insights gained from the responses. Highlight any major lack of awareness or good practices.
LEARNING OUTCOME/SKILL ENHANCED	<p>Social Issue: To encourage students to creatively express their understanding and concern for social issues through impactful visual communication.</p> <p>Or</p> <p>Sustainable Development t: Each student will be able to examine the need to use sustainable ways of tourism and create ideas to promote sustainable development.</p> <p>Or</p> <p>Consumer Awareness</p> <ul style="list-style-type: none"> To understand the level of consumer awareness among the public. To evaluate how well people know their rights as consumers. To identify gaps in knowledge regarding consumer rights and protection. To encourage responsible consumer behavior.
RESOURCES	<p>Social Issue: https://nmba.dosje.gov.in/ (Drug abuse awareness) https://www.cyberpeace.org/ (Cyber safety) https://manodarpan.education.gov.in/ (Mental health awareness) https://www.unicef.org/india/what-we-do/gender-equality (inclusivity and respect)</p> <p>Sustainable Development: Incredible India (https://www.incredibleindia.org/): Government portal with authentic tourism information.</p> <p>UNESCO World Heritage (https://whc.unesco.org/): For ecotourism sites and cultural relevance.</p> <p>Ministry of Tourism (https://tourism.gov.in): For updates on sustainable tourism policies and data.</p> <p>Consumer Awareness : Research based project</p>
MODE OF SUBMISSION	<p>Offline</p> <p>Social Issue or Sustainable development Project: Submit on an A4 size sheet</p> <p>Consumer Awareness : Submit a printed copy of the complete project, including the questionnaire and all required sections, neatly organized in a folder.</p>
RUBRICS	<p>Social Issue:</p> <p>Presentation- 2 Marks</p> <p>Content- 2 Marks</p> <p>Relevance- 1 Mark</p>

	<p>Sustainable Development Presentation- 2 Marks Content- 2 Marks Relevance- 1 Mark</p> <p>Consumer Awareness Questionnaire Design- 2 Marks Data Collection- 1 Mark Analysis & Presentation- 1 Mark Findings & Conclusion- 1 Mark</p>
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Note: Revision worksheets of all subjects will be uploaded on Google Classroom.