



**G D GOENKA PUBLIC SCHOOL MODEL TOWN
SUMMER HOLIDAYS HOMEWORK/CLASS X/2024-25**

GUIDELINES:

1. The work should be aesthetically done.
2. Make a bibliography showing the references used in the homework (wherever required), which should not be more than 25%.
3. Use the items which are easily available at home (wherever required).

INTEGRATED LEARNING

Integration is nothing but your complete connection with your learning

THEME SDG 4 (Target 4.7)

Recognizing culture which calls for education to promote a culture of peace and non-violence, appreciation of cultural diversity and culture's role in sustainable development.

English

1. You are Suhani/Sharan of Brilliant Convent School, 123, Naveen Nagar, Gwalior, Delhi. Write a letter to the Editor of The Herald, highlighting the role of education to promote appreciation and reverence for cultural diversity for sustainability. Also, suggest ways to conserve our rich cultural heritage. (to be done in the Grammar register)

2. Art Integrated: Read the chapter- Glimpses of India (First Flight) and make an appealing yet informative Collage highlighting the monuments, cuisine, special attractions, tradition and culture of either Goa, Coorg or Assam. (to be done on A3 size sheet)

	3. Practice the first three Comprehension Passages given in the Resource Book. (to be done in the Resource Book itself)
Hindi	<p>1. अनुच्छेद लेखन - सांस्कृतिक विरासत को संजोने में शिक्षा की भूमिका (संकेत बिंदु - शिक्षा का मूल उद्देश्य, नई पीढ़ी को सांस्कृतिक मूल्यों की जानकारी, विद्यार्थियों की जिम्मेदारी)</p> <p>2. आपके विद्यालय में भारतीय विरासत का परिचय देते हुए सांस्कृतिक कार्यक्रम का आयोजन किया जा रहा है। इसकी जानकारी देते हुए एक आकर्षक विज्ञापन तैयार कीजिए। (गृहकार्य हिंदी की कॉपी में ही कीजिए)</p>
Mathematics	<p>TASK 1 ASSIGNMENT Instruction: Do the following assignment in Practice Register. https://acrobat.adobe.com/id/urn:aaid:sc:AP:7cd069fc-4cf2-44f0-adeb-c7d26aa21f44/urn:aaid:sc:AP:7cd069fc-4cf2-44f0-adeb-c7d26aa21f44</p> <p>TASK 2: ACTIVITIES Instruction: Do the following activities in Orange Lab Manual.</p> <p>*Activity 1* Draw the graph of a quadratic polynomial and observe: (i) The shape of the curve when the coefficient of x^2 is positive. (ii) The shape of the curve when the coefficient of x^2 is negative. (iii) Its number of zeroes.</p> <p>*Activity 2* Verify the conditions of consistency/ inconsistency for a pair of linear equations in two variables by graphical method. *For Reference * : https://acrobat.adobe.com/id/urn:aaid:sc:AP:2652e46c-a7fd-4395-83b5-68cb1fe07a46</p> <p>TASK 3: ART INTEGRATED PROJECT Instruction: Represent your project on A4 size sheets. Monuments serve as a reminder of our rich cultural past, as well as a national treasure and a source of civilization pride. They educate foreign tourists about the historical splendour of that culture in addition to inspiring the locals about their own past as they are visited by tourists across the globe.</p>

	<p>Mathematics in Monuments: How Ancient Indians Seeded Mathematics & Science in Construction.</p> <p>Explore the use of mathematics in any two Indian monuments. Also cite the importance of the monuments in bringing and non violence in the culture.</p>
Science	<ol style="list-style-type: none"> 1. Make a Brochure on STEM (Science, Technology, Engineering, and Mathematics) and discover how science correlates with other fields, to promote quality education on 3 fold coloured A3 sheet. 2. Complete Physics, Chemistry and Biology practical file. 3. Complete resource book questions of Ch-1,5,11 in respective registers. 4. Art Integrated Activity: Make Magazine on Ecological Wonders of Lakshadweep of 10 pages on coloured A4 size sheets.
Social Science	<p><u>Prepare a project on the topic given below as per your roll no:</u></p> <p>Roll No. 1 to10 - Consumer Awareness</p> <p>Roll No. 11 to 20 - Social Issues (Choose any one – Gender Equality or Caste Diversity)</p> <p>Roll No. 21 to 27 - Sustainable Development -Quality Education: Education to promote the culture of Peace and Non-Violence</p> <p>Roll No. 27 onwards - Sustainable Development - Affordable and Clean Energy</p> <p><u>Guidelines for the Project:</u></p> <ul style="list-style-type: none"> · The project should be hand written and authentic. · It should be well presented, researched and pictorial. · Various forms of art may be integrated in the project work. · It should be done on A-4 size sheets. · The project should be 15-20 pages. · It should include- <ul style="list-style-type: none"> o Cover Page o Acknowledgement o List of Contents o Introduction o Sub- topics o Case Study

	<ul style="list-style-type: none"> o Conclusion o Bibliography
French	<p><i>La culture française est connue pour la haute couture, la gastronomie, les arts et le divertissement.</i></p> <p>1. Préparez une Bande Dessinée sur le thème "La Culture Française" sur une feuille A3. Utilisez des idées et personnages innovants et créatifs pour rendre votre bande dessinée intéressante.</p> <p>2. Vous êtes Denis. Vous habitez à Paris, en France. Écrivez une lettre à votre ami/ami indien/indienne décrivant la culture française dans le cahier français. (80 mots) Ajoutez des points clés tels que : la gastronomie culturelle, les visites touristiques, les spécialités, les artistes célèbres, les modes de transport, etc.</p> <p>3. Révissez bien tous les sujets grammaticaux. <i>Bonnes Vacances !</i></p>
German	<p>1. Dialog schreiben</p> <p>Lisa und Stefan sprechen darüber, wie Deutschland seine kulturelle Vielfalt nutzen kann, um Frieden, Gewaltlosigkeit und Umweltschutz durch Bildung zu fördern. Wie würden sie sich darüber austauschen?</p> <p>2. Reiseprospekt machen</p> <p>Reiseprospekt über Deutschland : . Stichpunkte :</p> <ul style="list-style-type: none"> - Kulturelles Essen - Sehenswürdigkeiten - Volks- Musik/Tanz - Spezialitäten <p>(Schreib mindestens 3-4 A4 Blätter auf Deutsch.)</p> <p>{ Ihr könnt Bilder benutzen, um den Reiseprospekt schön, informativ und kreativ zu machen. }</p>

Sanskrit	<ol style="list-style-type: none"> 1. चित्राधारित वाक्य-सांस्कृतिक धरोहर प्रत्येक देश की पहचान होती है। किन्हीं 4 धरोहरों के चित्र चिपकाकर उससे संबंधित 5 वाक्य संस्कृत में लिखिए। 2. रामायण हमारी राष्ट्रीय धरोहर है। इसके सांस्कृतिक महत्त्व पर प्रकाश डालते हुए संस्कृत में एक अनुच्छेद लिखिए। (गृहकार्य संस्कृत की कॉपी में ही कीजिए)
Painting	<ol style="list-style-type: none"> 1. Revise Unit-1 Fundamentals of Art (Elements, Principles and six limbs of Art) 2. Still Life- Keeping Nature and Object Study in mind, Draw, colour and shade a Still Life in A2 size of sheet either horizontally or vertically. 3. Composition - Draw and Paint at least two composition studies of your choice, keeping in mind the Elements, Limbs and Principles of Art in any medium (Water/Poster/mix media) on A2 size of sheet either horizontally or vertically. <p>Topics: Any indoor or outdoor scene, My favourite holiday destination, City scape, Sport I like the most, Festival scene, Rural India etc..</p>
Music	<p>Read the Biography of Sadarang, Ustad Faiyaz Khan and Tansen. Study about the Contribution of Pandit Omkar Nath Thakur</p>
Computer Application	<ol style="list-style-type: none"> 1. Revise the Ch - Networking 2. Make a A3 size poster on any concept of networking