PM SHRI KENDRIYA VIDYALAYA MEG & CENTRE, BENGALURU

CLASS 9TH HOLIDAY HOME-WORK

1. **ENGLISH**	**1**.Prepare using ADOBE SOFTWARE your own creative representation on any One of the poems/lessons/drama from the literature text **2**.Art Integrated Project on any one of the units from the MCB **3**.PREPARE FOR PT3-BY REVISING ALL THE COMPLETED LESSONS **4**.Write an email to your friend about your winter vacation
2. **HINDI** **(For Class 9A,B,C,D)**	शीतकालीन अवकाश के गृहकार्य अनुच्छेद लेखन 1. स्वच्छ भारत अभियान -एक वरदान ● उद्देश्य ● देश के विकास में स्वच्छता का योगदान ● अस्वच्छता के कारण व उसे रोकने के उपाय ● जागरूक नागरिक के रूप में आपकी भूमिका 2.अपने क्षेत्र से बस शुरु करने का आग्रह करते हुए परिवहन निगम के सचिव को ई-मेल लिखें। 3. परीक्षा की चर्चा करते हुए दो मित्रों के बीच का संवाद लिखें। 4.अपने क्षेत्र में सार्वजनिक पुस्तकालय खुलवाने हेतु दिल्ली के शिक्षा मंत्री के नाम एक पत्र लिखिए। परियोजना कार्य सांप्रदायिक सद्भाव पर अपने विचार व्यक्त करते हुए उनके विभिन्न उदाहरणों का भी सचित्र वर्णन करें।
3. **SANSKRIT** **(Only for Class 9E)**	1. Conjugate the following verbs in **Present, Past, and Future tenses**: लट्, लृट्, लङ्लकाररुपाणि लिखत। 1. पठ् (To Read) 2. गम् (To Go) 3. खाद् (To Eat) 4. दृश् (To See). 2. संस्कृते १ – १०० पर्यन्तं संख्याः लिखत। (Numbers 1-100 in sanskrit)
5. **MATHS**	1. **Complete your Maths activity book.** 2. **SUBJECT ENRICHMENT ACTIVITY:** (a) MAKE A WORKING MATHEMATICAL MODEL DISPLAYING FORMULA FOR DIFFERENT 3D SHAPES .(MENSURATION) (b) MAKE A MATHS TOY ON THE THEME "MATHEMATICS FOR US " 3. solve 5 questions based on surface area and volume . 4 . Do all the examples of chapter heron"s formula. 5. Revise the syllabus of periodic test 3 and solve practice paper.
6. **SCIENCE**	**Science** **1. Complete exercise question of all chapters that are coming in PT3.** **2. Complete your notes and learn them for PT 3.**

| | 3. Learn the first 20 elements of the periodic table with their symbols, atomic no. and valency.

5. READ AND WRITE IN notebook.

1.   Relative density of silver is 10.8. The density of water is 103 kg m-3 . What is the density of silver in SI units?

2.   The volume of 50g of substance is 20cm3 . if the density of water is 1g cm-3 , will the substance float or sink?

3.   The volume of a 500g sealed packet is 350cm3 . Will the packet float or sink in water if the density of water is 1g cm-3 ? what will be the mass of the water displaced by the packet?

4.   A block of wood is kept on a table top . The mass of wooden block is 5kg and its dimensions are 40cmX20cmX10cm. Find the pressure exerted by the wooden block on the table top if it is made to lie on table top with its sides of dimensions

a.   20cmX10cm and (b) 40cmX20cm.

5.   A porter lifts a luggage of 15 kg from the ground and puts it on his head 1.5 m above the ground. Calculate the work done by him on the luggage.

6.   An object of mass 15kg is moving with a uniform velocity of

a.   4m s-1 . What is the kinetic energy possessed by the object.

7.   What is the work to be done to increase the velocity of a car from 30km h-1 to 60km h-1 if the mass of the car is 1500kg.

8.   Find the energy possessed by an object of mass 10kg when it is at a height 6m above the ground. Given, g=9.8m s-2.

9.   An object of mass 12 kg is at a certain height above the ground. If the potential energy of the object is 480J, find the height at which the object is with respect to the ground. Given , g=10m s-2.

10.   Two girls, each of weight 400N climb up a rope to a height of 8m. we name one of the girls A and the other B. girl A takes 20 s while B takes 50 s to accomplish this task. What is the power expended by each girl. |
| **7. SOCIAL SCIENCE** | I. Write short note on each points about 150 words
1. Parliament
2. Prime Minister
3. President
4. Supreme Court
II. Explain the features of the global poverty scenario
III. Find out – most and least having states according to 2011 census
1. Population
2. Sex ratio |

	3. Population Density 4. Literacy ratio 5. India's population, population density, sex ratio and literacy rate IV. INTERDISCIPLINARY PROJECT: - "FOREST SOCIETY AND COLONIALISM" , Natural vegetation in India. THINGS TO BE KEPT IN MIND WHILE DOING THE PROJECT PATTERN OF THE PROJECT FILE: 1. Cover page - Project title, school name, session, class, subject, name of the student 2. First page-Project title, subject, session, name of the student, class/ section, Name of Group member with group leader. 3. Acknowledgment- Acknowledging the individuals/institutions who helped in making the project 4. Index- With page numbers.