

**Gurukul Montessori School**

**Class 9<sup>th</sup>**

**Home assignment for summer vacation (2022-23)**

**English**

1. Make a project on the following topics

a. Has your life been different from or similar to that of Kezia when you were a child. Has your perception about your parents changed now? Do you find any change in your parents' behaviour? Who has become more understanding? What steps would you like to take to build a relationship based on understanding? Write three or four paragraphs (150-200 words) discussing these issues from your own experience.

b. Make a diary entry dated May 17, 2157 about a real book explaining its features in detail and how it is different from a telebook.

c. Write a letter to the Principal of your school seeking permission to go on a school excursion.

**Chemistry**

1. (a) List any two properties that liquids have in common with gases.  
(b) Give two reasons to justify that an iron nail is a solid at room temperature.  
(c) What happens to the heat energy which is supplied to the solid once it starts melting?

2. Compare in tabular form the properties of solids, liquids and gases with respect to-

- (I) Shape
- (II) Volume
- (III) Compressibility
- (IV) Diffusion
- (V) Fluidity or rigidity

3. Why is evaporation called a surface phenomenon?

4. Name the SI unit of measuring temperature?

- (a) The boiling point of water is 100°C under atmospheric pressure. Convert this temperature in SI.
- (b) What temperature in Kelvin scale is equal to 50°C?

5. State 2 differences between evaporation and boiling?

**BIOLOGY**

1. Intext question and exercise question of chapter 1 in your homework copy TO be completed.

2. complete the practical file with 2 experiments done in laboratory

3. complete Diagram in H hw. Copy

(i) Plant cell and Animal cell

(ii) Types of cell in Human being

(iii) typical Cell with cell organelles.

### **Physics**

Q1. Do numericals of Ch. Motion from NCERT and Reference book in home work copy

### **Social Studies**

#### **Reading**

History – Read the chapter The French Revolution

Geography- INDIA size and location

Democratic politics -what is democracy ?why democracy?

Economics- The story of village palampur

Write the answer

Q.1 Describe the circumstances leading to the outbreak of revolutionary protest in France.

Q2. Which group of friend society benefited from the revolution?

3. Name the group of Iceland lying in the Arabian sea

4. Write the names of union territories of India

5. The Central location of India at the head of the Indian Ocean is considered of great significance why?

6. Write the merits and demerits of democracy?

7. Write the features of democracy?

8. What is farming and non farming activities in village Palampur?

9. Write the factors of production and explain it?

There will be a test just after the summer vacation

### **HINDI**

ग्रीष्मावकाश गृहकार्य सत्र 2022-23

कक्षा - 9

1- गद्य खण्ड से प्रेमचन्द (दो बैलों की कथा) एवं काव्य खण्ड से कबीरदास (साखियाँ एवं सबद) पाठ्य पुस्तक के सभी प्रश्नों के उत्तर कापी में लिखकर याद करें।

2- पाठ्यक्रम में संकलित साखियों के आधार पर कबीरदास के धार्मिक एवं साम्प्रदायिक सद्भाव सम्बन्धी विचारों पर सचित्र लेख तैयार कीजिए।

3- निम्नलिखित विषयों पर 150 शब्दों में अनुच्छेद लिखिए-

(अ) ग्रामीण जीवन

(ब) विद्यार्थी और मोबाइल फोन।

## Subject - Mathematics

- 1: Solve 10 problems from each exercise of chapter 1 from your side book as R S Agrawal or R D Sharma
- 2: Solve 10 problems from each exercise of chapter 2 from your side book as R S Agrawal or R D Sharma .

Note :

1. If there are more than one part in any problem then count that one problem .  
as example - 1(a), 1(b) , 1(c) and 1(d) or 1(i), 1(ii), 1(iii) and 1(iv) will be count as 1 problem.

3. This home work should be a new copy of Rs. 10 or 20 not in C W or H W copy .

### Information Technology

Q.1. Solve exercise of Ch.1 "IT and ITes Industries" and Ch.2 "Data Entry Tools-KeyBoard and Mouse" in Assignment copy.

Q.2. Create a Birthday Card on MS-Word and apply different types of style and formatting on it.

Q.3. Learn all types of questions and answers of ch. 1 and 2.

