

केंद्रीय विद्यालय एन.एच.पी.सी., गेरुकामुख (2022-23)

ग्रीष्मकालीन अवकाश गृहकार्य

कक्षा – नवीं

हिंदी

- 1-उपसर्ग एवं प्रत्यय की परिभाषा लिखिए। 10-10 उपसर्ग एवं प्रत्यय से पाँच-पाँच शब्द बनाइए।
- 2 अपने क्षेत्र में होने वाली फसलों की जानकारी एकत्रित करके लिखिए।
- 3.अपनी किसी एक यात्रा का संक्षिप्त वर्णन लिखिए।
- 4 कबीर दास जी के कौन से पद आपको अच्छे लगे हैं और क्यों, उनको लिखिए।
- 5.किसी समाज सुधारक पर एक लेख लिखिए।
- 6.किसी एक स्वतंत्रता सेनानी का सचित्र वर्णन कीजिए।
- 7.अपने बड़े भाई की शादी में शामिल होने के लिए तीन दिन की छुट्टी हेतु प्राचार्य को एक पत्र लिखिए।
- 8.अपने पाठ्यक्रम में शामिल सभी पाठों एवं उनके लेखकों/कवियों की एक सूची बनाइए।

HOLIDAY HOMEWORK

Class IX

Subject: Mathematics

1. Construct a square root spiral upto $\sqrt{17}$. Integrate art into the square root spiral.
2. Where do you see the square root spiral in real life?
3. Prepare a PPT on the use of polynomials in daily life.

Summer Holidays Home Work : Class IX Science

Biology

Q.1 Prepare a model to compare plant cell and animal cell using common household items like grains and pulses etc. (Do this on a separate sheet/chart paper)

Q.2 Consider a cell like your school. Each part of the cell (school) has responsibilities that must be done and certain organelles (people) to do them. Identify the functions of the following parts of the cell then identify which person does the same job. (Do this in Bio notebook)

First one is done as an example to follow:

S. N.	ORGANELLE	FUNCTION	Part of School that has a similar function
1.	Cell Membrane	Controls what goes in and out of the cell	Security guard
2.	Mitochondria		
3.	Nucleus		
4.	Lysosomes		
5.	Ribosomes		
6.	Golgi Body		
7.	Cytoplasm		
8.	Cell Wall (only in plant cell)		

CHEMISTRY

Q1) Prepare a model to demonstrate movement of particles in solid, liquid, gases.

Q2) Give reasons

- a) A gas fills completely the vessel in which it is kept
- b) A gas exerts pressure on the walls of the container
- c) We can easily move our hand in air but to do the same through a solid block of wood we need a karate expert.

PHYSICS

1. An object is moving up an inclined plane. Its velocity changes from 15m/s to 10m/s in two seconds. What is its acceleration?

2. A body covered a distance of x metre along a semicircular path. Calculate the magnitude of displacement of the body, and the ratio of distance to displacement?

3. A particle moving with an initial velocity of 5m/s is subjected to a uniform acceleration of -2.5m/s^2 . Find the displacement in the next 4 sec.

4. A car covers 30km at a uniform speed of 30km/hr. what should be its speed for the next 90km if the average speed for the entire journey is 60km/h?

5. Give one example of a uniformly accelerated motion.

6. A car moving along a straight line at a speed of 54km/hr stop in 5s after the brakes are applied. (a) Find the acceleration, assuming it to be constant. (b) Plot the graph of speed versus time. (c) Using the graph. Find the distance covered by the car after the brakes are applied?



KENDRIYA VIDYALAYA NHPG GERUKAMUKH



Summer Vacation Homework

(Date – 09/05/2022 to 17/06/2022)

CLASS – IX

SOCIAL STUDIES

The sun rises two hours earlier in Arunachal Pradesh as compared to Gujarat in the west but the watches show the same time. How does this happen?

2. Find out more about any one of the revolutionary figures you have read about in chapter The French Revolution. Write a short biography of this person.
3. Describe the legacy of the French Revolution for the peoples of the world during the nineteenth and twentieth centuries.
4. Is it important to increase the area under irrigation? Why?
5. What is democracy? Write any five features of Democratic government and any five arguments against democracy.
6. Make a picture on any Rajasthani topic on chart paper.
You can choose from these. (Like any Rajasthani animal, any fort, any dress, any culturally images etc.)

ENJOY YOUR HOLIDAYS



ENGLISH

Class/sec IX	Holiday Home Assignment for Summer Vacation.	
1	<p>Write article on the following topics in 120-140</p> <p style="text-align: center;">Use of cellphones can cause distraction for a student.</p> <p style="text-align: center;">Women Empowerment</p>	HHW copy
2	<p>Write a diary entry one on each:-</p> <p>1.You are Naresh. You happened to go to Agra on a crowded bus on a hot summer day. Record your experience in 100-150 words in your diary.</p> <p>2. You are Neha. Today is your birthday and your father has gifted you a laptop. You are very happy to own it as you wanted to have for a long time. Before going to bed you intend to share your joy with your diary. Write a diary entry in 100-150 words expressing your feelings.</p> <p>3.The annual examination results have been declared and you found out that you have secured first division but your closest friend was unsuccessful. Write a diary entry about how that made you feel and what you think would help to</p>	HHW copy

	<p>motivate him/her to work harder and try for a re-examination.</p> <p>(This is should be a practice of good handwriting too)</p>	
3	<p>Revise the syllabus discussed so far in class.</p> <p>Practice in writing</p>	HHW copy
4	<p>5 newspaper cuttings and framing Q/A from them. Minimum 5 Questions from each.</p>	HHW copy
5	<p>Write learner's diary for the chapters already taught in class (format is given already in WhatsApp group)</p>	Learner's diary

Art education home work

- 1 Scenery 2 (a3 size)
- 2 Craft work 1
- 3 Painting/Collage 1

सभी विद्यार्थियों को 23 जून 2022 को जमा करना अनिवार्य है