

Dear students,

We want to extend our best wishes to each and every one of you. We hope that you and your loved ones are well and safe and that you are finding meaningful ways to spend your time during social distancing. The school is certainly feeling the loss of your presence, and hopefully we will overcome this period of isolation soon. Regardless, we have made a remarkable shift from our on-campus to off-campus education with your cooperation.

And while school is important, so is your physical and mental well-being. During this time, it is important to take care of ourselves and each other. While your school timings have reduced, maintaining a good daily routine is extremely important. It will help you keep a healthy balance of your activities and maintain self-discipline. Do immerse yourselves in things you enjoy but keep it balanced with your studies and other chores. Help your mothers in their house-hold activities so that she is not over-burdened with the work she does to take care of your family- set the table and do the dishes. Be kind to your siblings, spend time with them and help them out in whatever ways you can. Although you are no longer spending most of your time in school, we hope you figure out what you love and find out more about it. Your teachers may not be there with you to teach things, but we hope you are learning new things on your own as well by getting creative, such as painting, drawing, reading books, learning origami etc. One of the best ways to relieve stress is to do yoga or any other safe exercises. Developing a habit of exercising daily can help you on a long term to keep you mentally and physically fit. Be in touch with nature by avoiding junk foods, ice-cold water / eatables stored in refrigerators for a long time as these promote the lifespan of viruses. Always use fresh cooked food in a balanced manner to increase immunity which is the only alternative to fight against covid -19. Be happy, help each other /needy person.

Since summer is finally here, remember to keep yourself hydrated at all times. Avoid staying outside in the sunlight for long periods of time and drink a lot of fluids. And lastly, remember that we are all living through this extraordinarily frightening and difficult time together. But it is important that we do our duty as human beings by maintaining social distancing, sanitising ourselves etc. If we stay safe, other people will also remain safe. We hope to see you soon once this pandemic is over.

**Note :** We hope you do your home assignments with due diligence. **Kindly maintain a single notebook to do all the holiday assignments.** Your holiday assignments will be evaluated as a part of the terminal examination.

Stay safe!

Principal

# NAV JEEWAN MODEL SR. SEC. SCHOOL

## SUMMER VACATION 2020-2021

CLASS: 8<sup>TH</sup>

SUBJECT: ENGLISH

1. Write a review of any two books that you have recently read.
2. Write autobiography of :
  - Steve jobs
  - Nelson Mandela
3. Write the character sketch of
  - Dr. Watson
  - Detective Sherlock Holmes
  - Assistant Vincent
  - Kabuliwala
4. Write about any three poetic devices related to the poem "Once upon a time".
5. Prepare skit on any educational topic.
6. Write any two formal letters to the editor of local newspaper.
7. Write two complaining emails and two inquiry emails.
8. Learn all the literature chapters of first term.

### ACTIVITY WORK

9. Prepare a pop up box related to any two grammatical topics.
10. Represent different poetic devices in attractive way.
11. Collect the information of any three poets and make a bulletin board.

class 8 maths

*Holiday home work*

ques1 – make chart on type of numbers with given the examples.

ques2 – write in standard form – (i)  $-64/72$  (ii)  $-88/-132$  (iii)  $-87/-312$  (iv)  $-88/132$

ques3 – compare and write  $< > =$

(i)  $-7/11$  [ ]  $-3/17$  (ii)  $-2/15$  [ ]  $-2/3$  (iii)  $5/7$  [ ]  $-3/5$

ques4 – solve as given –

(i)  $112/13 + (-229/13)$  (ii)  $7/18 - 5/6$  (iii)  $23/11 - (-9)$  (iv)  $3/4 + 2/5 - 9/7$

(iv)  $7/10 \times -3/14$  (v)  $25/3 \times -27/50 \times 33/-42$

(vi)  $(-8/5 \div 12) \times (-5/12 \div (-10))$

ques5 – find 5 rational numbers between  $3/4$  and  $-1/2$ ?

ques6 – find the reciprocal of (a)  $(-2)^{-3}$  (b)  $(3/4)^{-5}$  (c)  $(2/3 - 1/2)$

ques7 – evaluate – (i)  $(5^{-1} + 6^{-1} + 2^{-1})^0$  (ii)  $\{(1/2)^{-1} - (1/5)^{-1}\}^{-3}$  (iii)  $(7^{-1} + 8^{-1} + 9^{-1})^0 \div (-1/9)^{-2}$

ques8 – write in scientific form –

(i) 5700000000 (ii) 0.0000000084 (iii) 0.0009

ques9 – show the rational number on number line –

(i)  $-5/7$  (ii)  $13/5$  (iii)  $12/9$  (iv)  $-3/4$

ques10 – state with reasons whether the following number are perfect squares or not

(i) 402 (ii) 603 (iii) 1318 (iv) 2110

ques11 – how many numbers between (i)  $18^2$  and  $19^2$  (ii)  $65^2$  and  $66^2$

ques12 – state following pythagorean triplet or not

(i) 12, 13, 37 (ii) 16, 63, 65

ques13 – find square root

(i)  $\sqrt{256}$  (ii)  $8\frac{136}{225}$  (iii)  $\sqrt{0.4096}$  (iv)  $\sqrt{0.0256}$  (v)  $\sqrt{1\frac{184}{441}}$

ques14 – find  $\sqrt{0.0625} + \sqrt{0.0025} / \sqrt{0.0625} - \sqrt{0.0025}$

ques14 – find the cube of first twenty natural numbers.

ques15 – find the square root of the following after decimal three digit

(i)  $\sqrt{3}$  (ii)  $\sqrt{14}$  (iii)  $\sqrt{123}$

ques16 – which of the following is perfect cube?

(i)  $-0.343$  (ii) 729 (iii) 9000 (iv) 5400

ques17 – find cube root of the following –

(i) 1728 (ii) 0.027 (iii)  $-216$  (iv) 0.001331

**SCIENCE**  
**Holiday homework**  
**Class - VII**  
**(2020 – 2021)**

1. Complete worksheets from chapter 1 to 5.
2. Make a project on Pollution.
3. Make a list of Maximum & minimum temperature recorded from 1<sup>st</sup> June 2020 to 30<sup>th</sup> June 2020.
4. Make a list of different substance and determine whether they are acidic or basic in nature.
5. Collect and paste different type of fibres and write properties of the fibre on A4 Sheets
6. Collect and paste (at least 10) science related news on A4 sheets
7. Draw a labelled diagram on chart

Topic	Roll no.
• Human digestive system	1-5
• Human Heart	6-10
• Stomatal opening and closing	11-15
• Human excretory system	16-20
• Human respiratory system	21 -26

8. Answer the following Questions (in separate copy)
  - i) Describe the steps involved in processing of wools
  - ii) Explain the structure, principle and working of thermos flask
  - iii) Explain sea breeze and land breeze
  - iv) What do you mean by indicators and explain three indicators?
  - v) Differentiate between parasites and saprotrophs.
  - vi) draw a labelled diagram of digestive system.

- vii) Diagrammatically, elaborate life cycle of silk moth.
- viii) List the uses of Sulphuric acid and hydrochloric acid.
- ix) List the uses of Quick lime and sodium hydroxide
- x) List the properties of acids and base.

# NAV JEEWAN MODEL SR. SEC SCHOOL

## SUMMER VACATION HOME WORK

CLASS-8<sup>th</sup>

SUBJECT- SOCIAL STUDIES

### Case Study:-

- A- Tehri Dam project ( District Tehri Garhwal Uttarakhand).
- B- Crime Gone Wild: The Dangers of the International illegal Wildlife Trade.

### Project Work:-

- A- Select any one national park or wildlife Sanctuary. Collect information about it and prepare a travel brochure. Include relevant pictures and information.
- B- Find out about any five countries across the world, apart from India, which have been victims of colonialism. Find out the names of countries that colonised them and how they were exploited.
- C- Use your creativity to celebrate the way India has upheld the ideal of secularism. It could be done using any medium of expression- painting, poem, story, street play.

### Diagram Based Activity:-

- A- Draw a flow chart to show the factors that affect the formation of soil.
- B- Draw and label a neat diagram showing the different layers of soil.
- C- Draw a diagram to show the distribution of water on the earth.
- D- Draw a flow chart to show the types of natural vegetation.

### Values in life:-

- A- Some roads in your city are named after British officers. Would you like them to be renamed? Give reasons.
- B- Each individual should contribute towards conservation of resources. What steps can you take in your daily life to conserve resources.
- C- What are you likely to say to an elder cousin who thinks that to stop at a red signal on the road or to wear a helmet is unimportant.

### Long Answer:-

- A- Why are resources distributed unequally over the Earth?

- B- What are various types of soil found in different regions of India?
- C- How does colonialism adversely impact the colonised country?
- D- What kind of surveys did the British carry out in India?

## ग्रीष्मकालीन अवकाश गृहकार्य

### कक्षा-८

१. निम्नलिखित विषयों पर निबंध लिखिए:-

कोरोना एक महामारी,बेटी बचाओ बेटी पढ़ाओ,स्वच्छ भारत अभियान

२. पत्र लेखन:-

- फीस माफी हेतु प्रधानाचार्य को पत्र लिखिए और शहर की बसों की बिगड़ती हालत की सूचना देते हुए समाचार पत्र के संपादक को पत्र लिखिए।

३. डायरी-लेखन:-

अपनी दिनचर्या को डायरी में लिखें (प्रतिदिन की)।

४. "किसान" पर दो कविताएं लिखिए।

### रचनात्मक कार्य

१. बुद्ध का चित्र बना कर उनकी जीवनी लिखे।

२. श्री रवीन्द्रनाथ ठाकुर से जुड़ी कोई रोचक घटना लिखे।

३. पत्रिका बनाये :-

- २ कहानी,२ कविताएं,२ चुटकुले का संग्रह करके पत्रिका बनाये।

४. पर्यावरण दिवस पर २ नारे बनाओ।

५. पेपर मैशी से कोई भी वस्तु बनाओ।

### व्याकरण

१. १५ विलोम शब्द चित्र सहित लिखे।

२. सर्वनाम किसे कहते हैं? उसके भेद उदाहरण सहित लिखे?

Class - VIII G.K  
Holiday assignment (2020 -21)

Question 1. Name the eastern and western flowing river of Peninsular India.

Question 2. Name the freshwater lake and Marine lake of India.

Question 3. Match the following.

Cardamom Hills	-	Coromandel coast.
Kaimur Hills	-	Central India
Mahadeo Hills	-	Konkan coast
Mikir Hills	-	North - East India

Question 4. Name the state of India through which Tropic of Cancer passes.

Question 5. Write paragraph on the following tribal community of India.

- Santhal.
- Bhil
- Gond