

ACADEMIC SESSION 2020-21
HOLIDAY HOME WORK

CLASS : 6

	TOPIC
ENGLISH	Workbook- Present Tense ,Picture Description Note: PDF of Assignments will be uploaded.
HINDI	निम्न लिखित विषय पर 80 से 100 शब्दों में अनुच्छेद लिखिए :- 1. मेरा बचपन 2. यदि मैं पंछी होता या होती 3. मित्रता टिप्पणी :- ये सभी अनुच्छेद पठित पाठ के आधार पर दिए गए हैं
MATHEMATICS	Workbook- Chapter 1 Knowing Our Numbers and Chapter 2 Whole Numbers. To be done separately on A4 size paper (if possible). Note: PDF of Assignments will be uploaded.
SCIENCE	<p>1. (a) Write the names of any three vitamins and two minerals essential for our body. (b) Mention the sources of each vitamin and mineral and the deficiency disease caused when they are scarce in our body. (c) Also list symptoms of each disease.</p> <p>2. Prepare two colourful, cotton cloth face masks.</p>
SOCIAL SCIENCE	Topic: Archaeological evidences of ancient India <ul style="list-style-type: none"> • Paste pictures of any 5 objects that are found in archaeological sites of India. • Write brief information about each. Note: To be done in 2 to 3 pages, on A4 size paper and to be submitted in a file.

ACADEMIC SESSION 2020-21

HOLIDAY HOME WORK

CLASS : 7

TOPIC	
ENGLISH	Workbook-Tenses, Notice writing Note: PDF of Assignments will be uploaded.
HINDI	1. कोरोना महामारी के समय सामाजिक दूरी बनाये रखने के लिए क्या सावधानियां बरतनी चाहिए ? इस विषय पर दो छात्रों के बीच हुई वार्तालाप को संवाद के रूप में लिखिए । 2. मेरी दादी माँ विषय पर 80 से 100 शब्दों में अनुच्छेद लिखिए । 3. पिंजरे में कैद पंछी की मनोव्यथा का वर्णन करते हुए दादी माँ को पत्र लिखिए ।
MATHEMATICS	Workbook- Chapter 1 Integers and Chapter 2 Fractions and Decimals. To be done separately on A4 size paper (if possible). Note: PDF of Assignments will be uploaded.
SCIENCE	<p>Q.1 Harmeet went to visit his grandfather in village in Punjab, where he saw that his grandfather's fields of wheat are infected with fungus but, no one is aware of this. Harmeet rushed to his grandfather's side and told him that the fields have been infected with fungi. He should use an antifungal agent in his fields to stop this infection.</p> <p>(a) What is fungus? (b) Explain their mode of nutrition. (c) Do fungi cause diseases only or can it be helpful also? Explain.</p> <p>Q.2 Paste or draw a diagram of human digestive system. Label the following parts and also describe the role of these parts in digestion.</p> <p>(a) The glands present in mouth. (b) The largest gland in our body. (c) The organ where protein digestion starts. (d) The organ that releases pancreatic juice into the small intestine. (e) The organ where bile juice gets stored. (f) The organ from where absorption of digested food takes place. (g) The organ where water and minerals are reabsorbed.</p> <p>Q.3 Take a potted plant. Take one strip of black paper and cut out a small square in its center. Cover a part of one leaf with this paper and secure it with paper clips. Keep the plant in sunlight for 2-5 days. Observe the difference in the colour of covered and uncovered portion of the leaf. Write down your observations and suggest what could be the reason for it?</p> <p>Q.4 Prepare two colourful, cotton cloth face masks.</p>
SOCIAL SCIENCE	Topic: Role of Healthcare Centres in curbing Corona virus pandemic. <ul style="list-style-type: none"> Write any 10 steps taken by healthcare department of India to fight COVID-19. Paste some pictures related to this topic. Note: To be done in 2 to 3 pages, on A4 size paper and to be submitted in a file.

ACADEMIC SESSION 2020-21
HOLIDAY HOME WORK
CLASS : 8

TOPIC	
ENGLISH	Workbook (Tenses, Voice). Note: PDF of Assignments will be uploaded.
HINDI	1. अपनी किसी अविस्मरणीय यात्रा का वर्णन करते हुए मित्र को पत्र लिखिए। 2. हस्त निर्मित वस्तु के प्रचार व प्रसार हेतु एक और्कर्षक विज्ञापन तैयार कीजिए। 3. कोरोना महामारी पर 100 से 125 शब्दों में अनुच्छेद लेखन कीजिये।
MATHEMATICS	Workbook Chapter 1 Rational Numbers and Chapter 2 Linear Equations In One Variable. To be done separately on A4 size paper (if possible). Note: PDF of Assignments will be uploaded.
SCIENCE	Q.1 a) Name and paste pictures of any two pests which attack stored grains. b) Enlist any five pest control methods. Q.2 The pandemic of COVID-19 has triggered lockdown in dozens of nations and the disease continues to spread. i) Name the type of microbe which causes the disease. ii) Is it a communicable disease? Explain. iii) List the symptoms of the disease. iv) Make two colourful washable cotton face masks to protect yourself from the disease.
SOCIAL SCIENCE	Topic: Effects of Coronavirus. <ul style="list-style-type: none"> • Explain the effects of Coronavirous over human beings <ul style="list-style-type: none"> (a) Social effects (b) Economic effects • Suggest any five measures that can be taken by you, against this pandemic. <p>Note: To be done in 2 to 3 pages, on A4 size paper and to be submitted in a file.</p>

ACADEMIC SESSION 2020-21
HOLIDAY HOME WORK
CLASS : 9

TOPIC	
ENGLISH	Workbook (Integrated Grammar exercises of Gap filing,Editing) Note:PDF of Assignments will be uploaded.
HINDI	1. 'व्यक्ति की पहचान उसकी पोशाक होती है।' इस विषय पर चर्चा करते हुए दो छात्रों के बीच के संवाद को लिखिए। 2. पशु - पक्षियों के प्रति अच्छा व्यवहार करने की सलाह देते हुए अपने मित्र को पत्र लिखिए। 3. छुआछूतःएक अभिशाप विषय पर 100 से 125 शब्दों में अनुच्छेद लिखिए।
MATHEMATICS	Workbook- Chapter 1 Number Systems and Chapter 2 Polynomials. To be done separately on A4 size paper (if possible). Note:PDF of Assignments will be uploaded.
SCIENCE	<p>PHYSICS:</p> <p>Q.1. Observe and list the different kinds of motion that are performed by the living or non-living things in your surrounding and classify them into: (1) Circular motion (2) Rotational motion (3) Linear motion (4) Oscillatory motion (5) Projectile motion (6) Irregular motion. Give at least 10 examples.</p> <p>Q.2. Tabulate above examples of motion into the following categories: (1) Uniform motion (2) Non-Uniform motion (3) Mixed (Uniform & Non-Uniform) motion.</p> <p>Q.3. Explain: 'Every oscillatory motion is a periodic motion but every periodic motion is not an oscillatory motion'.</p> <p>CHEMISTRY:</p> <p>Q.1 Collect five different samples of (OR) draw and colour examples of solid/liquid/gaseous state and write specific properties of all the states.</p> <p>Q.2 The melting points of three solids X,Y,Z are 298 K, 314 K and 398 K respectively .Arrange these in increasing order of their inter-particle force of attraction.</p> <p>BIOLOGY:</p> <p>Perform osmosis experiment using easily available ingredients at home. (Dried raisins, juicy grapes, dried apricots, potato etc. can be used). Put them in different types of solutions, hypertonic and hypotonic solution. Note down your observations and draw conclusion.</p> <p>Explain the principle behind this experiment.</p> <p>Give proper explanation of your results.</p> <p>ACTIVITY:</p> <p>Make two colourful, washable, cotton face masks as Holiday assignment activity.</p>

SOCIAL SCIENCE	<p>Topic: Democracy Vs Non-Democracy</p> <ul style="list-style-type: none"> • Compare India as a democratic country with any non-democratic country based on the following criteria: <ul style="list-style-type: none"> (a) Characteristics (b) Powers (c) Laws • Write the journey of a non-democratic country towards democracy. • Draw conclusion based on your findings/analysis: Which one, in your opinion is a better form of government? <p>Note: To be done in 2 to 3 pages, on A4 size paper and to be submitted in a file.</p>
SANSKRIT	<p>स्वपरिचयः</p> <p>Introduction of self to be written in minimum 15 sentences on A4 size paper.</p>

ACADEMIC SESSION 2020-21
HOLIDAY HOME WORK
CLASS : 10

TOPIC	
ENGLISH	Workbook (Integrated Grammar exercises of Gap filling, Editing, Reported Speech) Note: PDF of Assignments will be uploaded.
HINDI	1. 'बड़े भाई साहब' पाठ में से किन्हीं 15 मुहावरों के अर्थ लिख कर वाक्य में प्रयोग कीजिये। 2. 'विद्यार्थी जीवन में अनुशासन का महत्व' विषय पर एक अनुच्छेद लिखिए। 3. कोरोना वायरस के कारण आज कल समाज में एक डर का वातावरण फैल गया है। इस विषय पर दो नागरिकों के बीच हुई बातचीत को संवाद के रूप में लिखिए।
MATHEMATICS	Workbook- Chapter 1 Real Numbers and Chapter 2 Polynomials. To be done separately on A4 size paper (if possible). Note: PDF of Assignments will be uploaded.
SCIENCE	PHYSICS: Q.1 Draw ray diagrams of image formation by concave mirror when an object is placed in front of it (a) at C (b) between P and F (c) at F. Tabulate image position, nature and size of image formed. Q.2 Enlist 4 uses of spherical mirrors in daily life. Provide scientific explanation for using a particular spherical mirror for the uses enlisted by you. Q.3 Draw ray diagram of image formation by lens for the case when image formed is erect, virtual and larger than object size. Name the type of lens.
SCIENCE	CHEMISTRY: Q.1 Describe the electronic configuration of oxygen ion (oxide) with diagram. Q.2 Write down the name of compounds represented by following formulae: Al ₂ (SO ₄) ₃ b) CaCl ₂ c) K ₂ SO ₄ d) KNO ₃ e) CaCO ₃ Q.3 Write down the formulae of (i) Sodium oxide (ii) Aluminium chloride (iii) Sodium sulphate (iv) Magnesium hydroxide.

SCIENCE	<p>BIOLOGY:</p> <p>Q.I Write down the requirements, method, principle (if applicable), observation and result, explanation for the observation/result for the activities written below. Draw suitable diagram(s) also.</p> <ul style="list-style-type: none"> i). To demonstrate that CO₂ is necessary for photosynthesis. ii). To demonstrate the process of fermentation. <p>You can design and elaborate your own activity different from the one given in textbook</p> <p>Q.II Draw a mind map of :-</p> <ul style="list-style-type: none"> a) The process of digestion of different food components in alimentary canal of Humans. b) Absorption of different components of food in small intestine (including its adaptation for absorption of digested components) and large intestine. <p>Q.III Write down the chemical reaction and steps involved in autotrophic nutrition in plant.</p> <p>Q. IV. Describe the mechanism of inhalation and exhalation in human with the help of a flowchart.</p> <p>ACTIVITY:</p> <p>Prepare two colourful cotton face masks.</p>
SOCIAL SCIENCE	<p>Topic: Sustainable Development</p> <p>Discuss the ways to promote “sustainable lifestyle” among students under the following headings:</p> <ol style="list-style-type: none"> 1. Action that you can take in your city. 2. Sustainable goals for your school. 3. How can you promote green guide at home? <p>Note: To be done in 2 to 3 pages, on A4 size paper and to be submitted in a file.</p>
SANSKRIT	<p>दिनचर्यालेखनम् (समयसहितम्)</p> <p>Daily schedule (vacation time) to be written in minimum 15 sentences on A4 size paper.</p>