

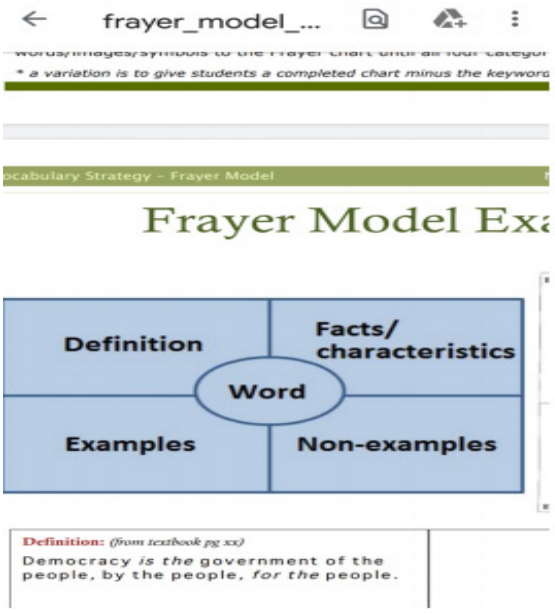
D.A.V Public School, Kota
Holiday Homework 2020 - 21
Standard – IX (For all sections)

Subject/Roll No	Topics
Hindi Roll No	कोरोना महामारी पर 2 से 3 मिनट कापॉडकास्ट बनाइए (संपूर्ण विवरण देते हुए उत्पत्ति स्थान, विस्तार, टीकाकरण उस में आने वाली बाधाएं, बचने के उपाय और सावधानियां और कोरोनावायरस) अपनी आवाज में आप किसी एक की भी सहायता ले सकते हैं। (सभी विद्यार्थियों के लिए अनिवार्य)
1 to 7	पसंद के कवि या लेखक का जीवन परिचय लिखिए- जन्म, जन्म स्थान, माता - पिता, मुख्य रचनाएं व पुरस्कार का भी विवरण। फाइल या पीपीटी द्वारा प्रदर्शित कीजिए
8 to 14	समाचार पत्रों में आने वाली लघुकथाएँ पढ़िए और दो स्वरचित लघुकथा लिखिए
15 to 21	कोई 3 हिंदी पत्रिकाओं के नाम तथा उनके संपादकों के नाम लिखिए उन तीनों पत्रिकाओं के आधार पर एक पत्रिका स्वयं बनाइए
22 to 28	स्पर्श पाठ्य पुस्तक में से भिन्न-भिन्न कवियों के 10 दोहे कंठस्थ कर उनके भावार्थ अपनी कॉपी में लिखें। (कोई पाँच)
29 to 35	अनुच्छेद- १. अवकाश के दौरान कुछ नया कौशल सीखा। २. सफलता का मूल मंत्र परिश्रम। (कोई एक कॉपी में लिखें)
36 to 42	4 से 6 पृष्ठ के समाचार पत्र का निर्माण कीजिए।
43 to 49	पांच देशभक्ति कविताओं को फाइल में लिखिए तथा उनके लेखक परिचय भी दीजिए।
50 to above	पांच भारतीय महिलाओं का सचित्र विवरण लिखिए जिन्होंने एवरेस्ट शिखर पर पर्वतारोहण किया हो।
English 1 to 7	Make a collage showing different activities you did during Lockdown.
8 to 14	Create your own Pocket Dictionary having two words of each alphabet and give it an interesting name and attractive design.

15 to 21	Read any book of your choice and write its review and also design its Cover Page using your own creative essence.
22 to 28	Taking ideas from the Lesson- The Fun They Had make a poster on A3 or A4 size sheet depicting Futuristic Schools or Schools of Future.
29 to 35	Make a graphical presentation (tabular) of any ten relatives or friends along with their Names and Contact Numbers and talk to any one member out of those ten members everyday for next one month and take their opinion on various topics like – Impact of Lockdown on Common People and How Lockdown is Affecting India's Economy.
36 to 42	Write an article on the topic “Lockdown – A Time to Discover New Things” in about 150 words and also support your content with suitable pictures and make it as innovative as possible.
43 to 49	With the help of suitable images and description show or depict how Lockdown Period is helping in decreasing social gaps between family members and how it is enhancing their bonding with each other.
50 and above	Collect any five news items, paste or draw them in the scrapbook and also describe each image in 20 to 30 words on the given topics : (a) Online Learning or E- Learning (b) Role of Corona Warriors during Covid -19
Science 1 to 7	(Physics) Q1. Plot two story (1) when a boy is driving a car n get the data between distance n time. Find the velocity at every changing point. plot the graph also (2) when a man is driving car. Get the data between velocity n time. Plot the graph n find acceleration n distance between different points (Chemistry) Q.2 <ul style="list-style-type: none"> ● Draw the concept diagram of "Working of Desert Cooler." ● Describe the principle behind its working. (Biology) Q3. Design an experiment / activity to explain endosmosis and exosmosis with dried raisins , pure water and sugar solution.
8 to 14	Q1. (Physics) (i) Explain uniform circular motion. (ii) Is it accelerated motion if or no then how? (iii) What is angular velocity? What is centripetal acceleration? What is centripetal force? Q.2 (Chemistry) <ul style="list-style-type: none"> ● Perform different activities at home to show various properties of matter. ● Record the procedure followed , observation, result and draw diagrams

	<p>related to each activity.</p> <p>(Biology) Q3. What lifestyle changes have you made to avoid contracting various diseases like covid 19, create a scrap book showing these changes.</p>
15 to 21	<p>Q1. (Physics) Define acceleration and plot graphs depicting positive, negative and zero acceleration.</p> <p>Q2. (Chemistry) With the help of a landscape show the properties of matter</p> <p>1. air surrounding us</p> <p>Show gas has no fixed shape n volume</p> <p>2. flowing of river shows</p> <p>Liquid have no fixed shape</p> <p>(Biology) Q3. Activity on Cell permeability-</p> <p>To study the movement of water from high concentration to low concentration.</p> <p>a) Take a few cucumber slices. Sprinkle some salt on it.</p> <p>b) Observe what changes take place in it after 5 minutes. Record your observation.</p> <p>c) Put these slices in water . Note down your observations.</p> <p>d) Write the conclusion drawn from the above mentioned activity and paste or draw pictures related to the activity.</p>
22 to 28	<p>(Physics) Q1. Draw speed time graph for</p> <p>(i) Constant speed (ii) Uniform accelerated motion</p> <p>(iii) Uniformly accelerated motion</p> <p>(Chemistry) Q2. Prepare a ppt/model on any one method of purification of substances.</p> <p>(Biology) Q3. Prepare a model to compare plant cell and animal cell using common household items like grains and pulses etc</p>
29 to 35	<p>(Physics) Q1. A ball is thrown upwards with an initial velocity of 100 m/s. After how much time will it return? Draw a velocity-time graph for the ball and find from the graph- (i) maximum height attained by the ball. (ii) height of the ball after 15 seconds. Take $g = 10$</p> <p>(Chemistry) Q2. Make a working model on any one of the following topics :-</p> <p>(I) Air pollution and its control</p> <p>(II) Eco friendly city/ building</p> <p>(Biology) Q3. Collect information about “CORONA” & some other communicable diseases and present the information in a folder with illustration, pictures and</p>

	photographs
36 to 42	<p>(Physics) Q1. Plot two story (1) when a boy is driving a car n get the data between distance n time. Find the velocity at every changing point.plot the graph also</p> <p>(2) when a man is driving car. Get the data between velocity n time. Plot the graph n find acceleration n distance between different points</p> <p>(Chemistry) Q2. Show diagrammatically how water is purified in the water works system and list the processes involved.</p> <p>(Biology) Q3. Design an experiment / activity to explain endosmosis and exosmosis with dried raisins , pure water and sugar solution.</p>
43 to 49	<p>(Physics) Q1. Define acceleration and plot graphs depicting positive, negative and zero acceleration.</p> <p>(Chemistry) Q2. Differentiate among all the three states of matter along with the physical and chemical properties.</p> <p>(Biology) Q3. Collect information about “CORONA” & some other communicable diseases and present the information in a folder with illustration, pictures and photographs</p>
50 and above	<p>(Physics) Q1. A ball is thrown upwards with an initial velocity of 100 m/s. After how much time will it return? Draw a velocity-time graph for the ball and find from the graph- (i)maximum height attained by the ball. (ii)height of the ball after 15 seconds. Take $g = 10$</p> <p>(Chemistry) Q2. Write activities to show that-</p> <ol style="list-style-type: none"> 1) There is space between particles of matter. 2) Matter is made up of very small particles. 3) Particles of matter are continuously moving. 4) The process of sublimation experimentally. <p>(Biology) Q3. Prepare a model to compare plant cell and animal cell using common household items like grains and pulses etc</p>
Maths 1to7	<p>Note:*The following projects assigned to each group has to be done individually by each group member.</p> <p>(Prepare File/Chart/Model) .</p> <p>History of pie.</p>
8to 14	Prepare a flow chart on Real numbers.
15to 21	Write contribution of Indian mathematicians(any two) in mathematics.
22 to 28	Make a mind map on Congruent Triangles.

29to 35	Story of digits 0 -9 (write an essay on historical origin of digits 0 to 9 and its variations in different cultures.
36to 42	Make a crossword puzzle related to any topic of Mathematics by using mathematical terms.
43 to 49	Write history/origin of Mandala art and it's cultural significance and draw any picture of Madala art .
50and above	<p>Make a Frayer Model on the following topics-</p> <p>i) Quadrilateral ii)Polygon iii)Polynomials</p> <p>Frayer model example.</p>  <p>Frayer Model Example</p> <p>Definition: (from textbook pg xx) Democracy is the government of the people, by the people, for the people.</p> <p>**The following activities have to be done individually in Lab Manuals by each student.</p> <ol style="list-style-type: none"> 1. Verify Exterior angle property of a Triangle. 2. Verify that the sum of the angles of a triangle is 180 degree. 3. Find a formula for the curved surface area of a cylinder.
Social Studies 1 to 7	NOTE: use eco friendly material for preparing activities. On the basis of your understanding of lesson 1 French Revolution sketch out a Mind Map in a creative and innovative way.
8 to 14	Make a project file on any of the non democratic countries of the world at present and write their social political and economic condition
15to 21	prepare a project file on " role of revolutions and modern democracy"

22 to 28	<p>Collect state wise data on pandemic COVID-19 and make a comparative study on the following grounds- (In a Beautiful Hand Made file)</p> <p>(a) When COVID-19 occurred in India.</p> <p>(b) Name the States with the highest and lowest no. of people affected by COVID-19.</p> <p>(c) Find out the reasons of the pandemic.</p> <p>(d) Make general statements based on your research about causes and consequences of COVID-19.</p> <p>(e) Provide suggestions to the general people and the concerned ministers by twitting online.</p> <p>(f) Promote the safety measures using your facebook and instagram account on COVID - 19.</p>
29to 35	Make a collage of various types of human caused disaster
36to 42	Make a collage of various social activities which were performed by ngo's, government for managing umfan cyclone.
43to49	Design a newspaper of atleast 4 pages with inclination of gas tragedy in visakhapatnam
50 to 57	Prepare the script on the topic “ Role of women in India’s struggle for freedom”.for a street play.
Sanskrit	<p>Only for students who have Sanskrit subject</p> <ul style="list-style-type: none"> ••त्रिंशत् पदानां सन्धिविच्छेदं कृत्वा लिखत। • 30 हिन्दी वाक्यानां संस्कृतेन अनुवादं कृत्वा लिखत।