

ACADEMIC SESSION 2020-21  
HOLIDAY HOME WORK  
CLASS : 9

	TOPIC
ENGLISH	Workbook (Integrated Grammar exercises of Gap filling, 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. छुआछूत: एक 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><b>PHYSICS:</b> 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. Q.2. Tabulate above examples of motion into the following categories: (1) Uniform motion (2) Non-Uniform motion (3) Mixed (Uniform &amp; Non-Uniform) motion. Q.3. Explain: 'Every oscillatory motion is a periodic motion but every periodic motion is not an oscillatory motion'.</p> <p><b>CHEMISTRY:</b> 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. 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><b>BIOLOGY:</b> 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. Explain the principle behind this experiment. Give proper explanation of your results.</p> <p><b>ACTIVITY:</b> 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"><li>• Compare India as a democratic country with any non-democratic country based on the following criteria:<ul style="list-style-type: none"><li>(a) Characteristics</li><li>(b) Powers</li><li>(c) Laws</li></ul></li><li>• Write the journey of a non-democratic country towards democracy.</li><li>• Draw conclusion based on your findings/analysis: Which one, in your opinion is a better form of government?</li></ul> <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>