



GREENWOOD PUBLIC SCHOOL, ADITYAPURAM
OUR MOTTO-DEVELOPMENT WITH DELIGHT
SYLLABUS FOR TERM-I (2022-23) CLASS: IX



SUBJECT	DETAILS OF CHAPTERS	USE OF ICT/ACTIVITIES/VIDEO LINKS
ENGLISH	<p align="center">PD-1:</p> <p>Beehive Ch-1: The Fun They Had Ch-2: The Sound Of Music Ch-3: The Little Girl</p> <p>Prose P-1: The Road Not Taken P-2: Wind</p> <p>Moments Ch-1: The Lost Child Ch-2: The Adventure of Toto</p> <p>Writing Skills Letter Writing- Formal (Complaint / Placing Order) Diary Entry, Story Writing</p> <p>Grammar Determiners, Tenses, Modals, Gap filling</p> <p>Reading Skills Comprehension</p>	<ul style="list-style-type: none"> The Fun They Had: https://www.youtube.com/watch?v=iMRaE5qBFTU The Sound of Music: https://www.youtube.com/watch?v=Fe7TD8uj7lw https://www.youtube.com/watch?v=SXS95Bmzwes The Lost Child: https://www.youtube.com/watch?v=KucVu0dUItM <p>ART INTEGRATED ACTIVITY: Taking ideas from the prose L2- “The Sound of Music”, listen to any one of the many famous percussionists of India and find out about their journey to success. Prepare a Power Point presentation and discuss their achievements.</p>
	<p>Beehive Ch-4: A Truly Beautiful Mind Ch-6: My Childhood</p> <p>Prose P-1: Rain On The Roof P-2: My Childhood</p> <p>Moments Ch-4: In the Kingdom of Fools Ch-5: The Happy Prince</p> <p>Writing Skills Letter Writing- Formal (Complaint / Placing Order) Diary Entry, Story Writing, Descriptive Paragraph (Person)</p> <p>Grammar Determiners, Tenses, Modals, Gap filling</p> <p>Reading Skills Comprehension</p>	<p>https://youtu.be/co0jQIzDpmc Chapter 5 - The Happy Prince https://youtu.be/v48R9OYmfa0 Chapter 4 - A Truly Beautiful Mind https://youtu.be/2oHjl7cVFAE Chapter 6 - My Childhood https://youtu.be/6ZQYV7v7hgI 1. Rain on The Roof https://youtu.be/jN1GZU9dn3M 2. A Legend of The Northland https://youtu.be/bUp0LKhAPdo</p>
HINDI	<p align="center">PD-1:</p> <p>गद्य साहित्य पाठ-2 दुःख का अधिकार काव्य साहित्य पाठ-9 रैदास व्याकरण शब्द और पद, अनुनासिक – अनुस्वार उपसर्ग- प्रत्यय</p>	<p>गद्य साहित्य पाठ-2 दुःख का अधिकार https://youtu.be/SZIS0xkwGls काव्य साहित्य पाठ-9 रैदास https://youtu.be/CWyoMD0JZYQ</p>

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	<p>लेखन कौशल पत्र लेखन, विज्ञापन, सूचना, अनुच्छेद, संदेश लेखन, संवाद, नारा लेखन, कहानी</p> <p>PD-2:</p> <p>गद्य खण्ड पाठ-3: एवरेस्ट मेरी शिखर यात्रा</p> <p>काव्य खण्ड पाठ-9 रहीम के दोहे</p> <p>संचयन पाठ-1: गिल्लू पाठ-2: स्मृति</p> <p>व्याकरण शब्द विचार (विलोम शब्द, पर्यायवाची शब्द, समरूपी भिन्नार्थाक शब्द), अर्थ की दृष्टि से वाक्य भेद</p> <p>लेखन कौशल पत्र लेखन, अनुच्छेद, संदेश लेखन, संवाद, नारा लेखन</p>	<p>गद्य खण्ड पाठ-3: एवरेस्ट मेरी शिखर यात्रा</p> <p>काव्य खण्ड पाठ-9 रहीम के दोहे https://youtu.be/zawVF-16LAU</p> <p>संचयन पाठ-1: गिल्लू https://youtu.be/2yG8s5X8dok पाठ-2: स्मृति https://youtu.be/7StEW-pknIU</p>
MATHEMATICS	<p>PD-1: Ch 1: Number Systems Ch-4: Linear equations in two variables Ch-3: Co-Ordinate Geometry</p> <p>PD-2: Ch-6: Lines & Angles</p>	<p>Chapter - 1 Number Systems https://www.youtube.com/watch?v=TeUV84t3Szc</p> <p>Chapter 3: Coordinate Geometry (Coordinate Geometry Basic Concepts – YouTube) https://www.youtube.com/watch?v=PQrH5cQ4lqw</p> <p>Chapter 6: Lines & Angles (Introduction- Lines & Angles, Class 9th Maths – YouTube) https://www.youtube.com/watch?v=S1G9R5V0ToU</p>
	<p>Maths Lab Activities: Activity 1. To obtain a mirror image of given figure. Activity 2. To verify algebraic identity $(a+b)^3 = a^3 + b^3 + 3a^2b + 3ab^2$ and $(a-b)^3 = a^3 - b^3 - 3a^2b + 3ab^2$ using unit cubes Activity 3. To construct a square root spiral. Activity 4. To find the factors of a binomial expression by splitting the middle terms</p> <p>ART INTEGRATED ACTIVITY: Plotting the given coordinates and drawing a figure out of it.</p>	
	<p>PD-2: Ch 7: Triangles Ch 12: Heron's Formula Ch 14: Statistics</p>	<p>Chapter 7: Triangles Introduction & Types Of Triangles Class 9 Math CBSE LetsTute - YouTube</p> <p>Chapter- 12 Heron's Formula https://www.youtube.com/watch?v=vMU4UJsV8r8</p> <p>Chapter 14: Statistics https://www.youtube.com/watch?v=Ak4j53ErS_g</p>
	<p>Maths Lab Activities: Activity 1. To obtain a parallelogram by paper folding. Activity 2. To verify the midpoint theorem for a triangle using paper cutting and pasting. Activity 3. To show that the figure obtained by joining the midpoints of consecutive sides of the quadrilateral is a parallelogram.</p> <p>ART INTEGRATED ACTIVITY: Warli Art Activity: The students will make intriguing forms of Indian folk painting using only geometrical shapes (lines, triangles, circles).</p>	

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SCIENCE	<p style="text-align: center;"><u>PD-1:</u></p> <p>Biology: Chap-1 The Fundamental Unit of life cell</p> <p>Chemistry: Ch-1 Matter in our surroundings</p> <p>Physics: Ch-8: Motion</p>	<p>Biology Chapter 5: The Fundamental Unit of Life The Fundamental Unit of life https://www.youtube.com/watch?v=URUJD5NEXC8&t=168s Mitosis and meiosis differences https://www.youtube.com/watch?v=yRLQKZzFb68</p> <p>Physics Chapter 8: Motion Motion (Introduction) https://www.youtube.com/watch?v=elAzkXyRQFU Distance and displacement https://www.youtube.com/watch?v=21BwUNDOQno&list=RDCMU CiTjCIT_9EXV1Wp1cY_0zaUA&index=3 Velocity https://www.youtube.com/watch?v=apewLkLARU&list=RDCMUCi TjCIT_9EXV1Wp1cY0z_aUA&index=6 Acceleration: https://www.youtube.com/watch?v=vxFYfumAAIY D-t and v-t graphs https://www.youtube.com/watch?v=-FF7OghWGiE</p> <p>ART INTEGRATED ACTIVITY: Perform any one of the below mentioned activities: Comparison of plant and animal cell by preparing a model using clay to show various cell organelles. https://www.youtube.com/watch?v=MdhPWYKo-L0</p> <p style="text-align: center;">OR</p> <p>Read DIKSHA Comic Book „Cell – A – Maze“ and prepare 2 – 3 page comic strip on Cell Organelles. https://diksha.gov.in/cbse/play/collection/do_31321952129966899212937?contentType=e=TextBook</p>
	<p style="text-align: center;"><u>PD-2:</u></p> <p>Biology: Chap-2 Tissues</p> <p>Chemistry: Ch-2: Is matter around us pure?</p> <p>Physics: Ch-9: Force & Laws of Motion</p>	<p>Biology Ch 6 Tissues https://www.youtube.com/watch?v=NEY4CvVv2Xs</p> <p>Physics Ch 9 Force and Laws of motion https://www.youtube.com/watch?v=VvQZ3ZLnaMo&t=1112s</p> <p>Chemistry Chapter 2: Is Matter Around Us Pure Types of mixtures: https://www.youtube.com/watch?v=t0iHbY9sjDc Centrifugation https://www.youtube.com/watch?v=KEXWd3_fm94 Paper chromatography https://www.youtube.com/watch?v=23W5Z_redfs&t=36s Separation of liquid-liquid mixture by separating funnel https://www.youtube.com/watch?v=B6D13uZJ5-Y Simple distillation https://www.youtube.com/watch?v=gJOLCpxZ9eI Fractional distillation https://www.youtube.com/watch?v=J1FjIRVWwTM</p>
	<p>Practical File work: Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams. (olabs online practicals will be utilized)</p>	

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SOCIAL SCIENCE	<p style="text-align: center;"><u>PD-1:</u></p> <p>History: Ch-1: The French Revolution</p> <p>Civics: Ch-1: What is Democracy ?Why Democracy</p> <p>Geography: Ch-1: India-Size & Location</p> <p>Economics: Ch-1 Story of Village Palampur</p>	<p>History Chapter 1: The French Revolution https://www.youtube.com/watch?v=8qRZcXIODNU</p> <p>ART INTEGRATED ACTIVITY: Poster making on the timeline of the French Revolution Group Discussion about the significance of French Revolution in contemporarytimes.</p> <p>Civics Chapter 2: What is Democracy? Why Democracy? https://edpuzzle.com/media/5f58410db58d1e3f96dd7eb1 https://edpuzzle.com/media/5f5693c67797023f13300</p> <p>Geography Chapter 1: India: Size and Location PPT on the topic: India and its neighbours</p> <p>Economics Chapter 1: The story of the village Palampur https://edpuzzle.com/media/5f2512a08d6f4f3f38ad8576 PPT on the topic: Organisation of Production</p>
	<p style="text-align: center;"><u>PD-2:</u></p> <p>Civics: Ch-2: Constitutional Design</p> <p>Geography: Ch-2: Physical features of India</p> <p>Economics: Ch-2 People as a resource</p>	<p>Civics Chapter 2: Constitutional Design https://edpuzzle.com/media/60f47603eb1fbf418e2f27d0</p> <p>Geography Chapter 2: Physical features of India https://www.youtube.com/watch?v=0v6-fB-gftQ&feature=youtu.be</p> <p>Economics Chapter 2: People as a resource https://edpuzzle.com/media/60dad125e90d404130dc85df</p> <p>ART INTEGRATED ACTIVITY:</p> <ul style="list-style-type: none"> • Brainstorming the guiding values of the Indian Constitution • The class will be divided into 6 groups. Each group plays a specificrole in the discussion. <p>After the discussion, the students will be asked to create a „Mock Preamble“ for the class.</p>
Computer Applications	<p><u>PD-1:</u> Ch-1 Introduction to Computer Ch-2 Computer Network</p> <p><u>PD-2:</u> Ch-3 Microsoft Window Ch-4 Microsoft Word, Ch-5 Microsoft Word (Advanced)</p>	<p>Introduction to Computer Basics https://youtu.be/PhW08LeQTg0</p> <p>Computer Network https://youtu.be/Q8fxfATcxwo https://youtu.be/Q8fxfATcxwo?t=77 https://youtu.be/Q8fxfATcxwo?t=194 https://youtu.be/Q8fxfATcxwo?t=251 https://youtu.be/Q8fxfATcxwo?t=342 https://youtu.be/Q8fxfATcxwo?t=434</p>