

**Class VII****Science****Session 2022-23****Mr. Abhishek**

<b>Month</b>	<b>Syllabus</b>
<b>April</b>	<b>Chapter 1:</b> Nutrition in plants <b>Chapter 2:</b> Nutrition in animals
<b>May</b>	<b>Chapter 3:</b> fibre to fabric <b>Chapter 4:</b> Heat
<b>June</b>	Summer Vacations
<b>July</b>	<b>Chapter 5:</b> Acids , Bases and Salt <b>Chapter 6:</b> Physical and Chemical changes
<b>August</b>	<b>Chapter 7:</b> Weather Climate and adaptations of animals to climate <b>Chapter 8:</b> Winds Storms and Cyclones <b>Chapter 9 :</b> Soil
<b>September</b>	Revision of chapter : 1,2,3,4,5,6,7,8&9 Half yearly exam
<b>October</b>	<b>Chapter 10:</b> Respiration in Organisms <b>Chapter 11:</b> Transportation in Animals and Plants
<b>November</b>	<b>Chapter 12:</b> Reproduction in plants <b>Chapter 13:</b> Motion and time <b>Chapter 14:</b> Electric current and its Effects
<b>December</b>	<b>Chapter 15:</b> Light <b>Chapter 16:</b> Water A precious Resource
<b>January</b>	<b>Chapter 17:</b> ForestsOur lifeline <b>Chapter 18:</b> Waste water story
<b>February</b>	Revision Full Syllabus
<b>March</b>	<b>Final exam</b>

### Academic calendar (Computer) for Session 2022-23

<b>Class 7</b>		
<b>Topic /Month</b>	<b>Sources</b>	<b>Activities/Outcomes</b>
April:- Number System <ul style="list-style-type: none"> <li>• What is Number System</li> <li>• Types of Number System</li> </ul>	Click 2 Know	Pupils learn to make difference between binary numbers and decimal numbers.
May:- Formulas and functions and charts in Excel <ul style="list-style-type: none"> <li>• Different types of formulas in Excel</li> <li>• Creating basic formulas</li> <li>• Cell Range &amp; it's types</li> <li>• Formulas Errors</li> </ul>	Click 2 Know	Pupils able to know about cell range Pupils learn to remove Errors in formulas
June:-	<b>SUMMER VACATIONS</b>	
July:- More on Excel <ul style="list-style-type: none"> <li>• Adding new record in a Form</li> <li>• Filtering and sorting data</li> <li>• Data validation</li> </ul>	Click 2 Know	Pupils know to create new records in a database Able to make database
	<b>Periodic Assessment 1</b>	
August:- Introduction to HTML <ul style="list-style-type: none"> <li>• What is HTML?</li> <li>• Tags and attributes</li> <li>• Creating and saving HTML document</li> <li>• Designing a webpage</li> </ul>	Click 2 Know	Pupils know about the easiest programming language  Learn how to create their own webpages
September	<b>REVISION WORK &amp; SEPTEMBER EXAMINATIONS</b>	
October:- Introduction to Photoshop <ul style="list-style-type: none"> <li>• Starting Photoshop CS6</li> <li>• Components of Photoshop CS6</li> <li>• Creating a new file</li> <li>• Using tools</li> <li>• Opening an image for editing</li> </ul>	Click 2 Know	Learners able to make different graphics software  Learners able to create posters, banners and magazine

<p>November:- Animations in Flash</p> <ul style="list-style-type: none"> <li>• Symbols, Instances</li> <li>• Converting an object into symbol</li> <li>• Layers</li> <li>• Animation in Flash</li> </ul>	Click 2 Know	Learners come to know how to create applications and simple animations in Flash
<p>December:- Internet and Email</p> <ul style="list-style-type: none"> <li>• The internet</li> <li>• World Wide Web</li> <li>• How the web works?</li> <li>• Using URL</li> </ul>	Click 2 Know	<p>Pupils learn to use different types of social networking sites.</p> <p>Learn internet etiquettes</p>
	Periodic Assessment 3	
<p>January:- Computer Safety and Security</p> <ul style="list-style-type: none"> <li>• How to keep your computer physically fit?</li> <li>• Other maintenance techniques.</li> <li>• Types of Virus</li> <li>• Virus Symptoms</li> <li>• Preventive Steps</li> </ul>	Click 2 Know	<p>Pupils know the difference between Biological Virus and Computer Virus.</p> <p>Know how to remove the Viruses</p>
<p>February:- Programming with Python</p> <ul style="list-style-type: none"> <li>• Features of Python</li> <li>• Installation of Python</li> <li>• Data Types of Python</li> <li>• Functions in Python</li> <li>• Basic commands of IDLE</li> </ul>	Click 2 Know	<p>Pupils learn a new and easy programming language.</p> <p>Able to make difference between relational operators and Logical operators</p>
	Periodic Assessment 4	
March	ANNUAL EXAMINATIONS	

Class VII  
G.K.

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April	1. States of India 2. Indian States  3. State G.K.  4. Superlatives of India.  5. Country Quiz  6. People of Distinction.  7. India's Protection.
May	8. Important Days of India <sup>7</sup> 9. The Freedom Movement. 10. Know your World 11. Cities of the World.. 12. Seven Sister States. 13. Parliament of India: 14. All About India.
June	Summer Vacations
July	15. Ports in India. 16. Boundary Lines. 17. World Famous Personalities 18. Indian Government Schemes 19. Social Reformers. 20. International Days. 21. Sobriquet of Places.
August	29. Amazing Bridges. 30. Countries, Capitals, Currencies, & Languages. 31. Zoology 32. Botany 33. Man-made wonders. 34. The Marvellous Human Body 35. Banking System.
September	36. 20th Century Inventions. 37. Goods and Services Tax 38. Presidential Election. Half yearly exam

October	<p>39.FirstinIndia(Women)..</p> <p>40.FirstinIndia(Men).</p> <p>41. AllocationofSeatsinParliament..</p> <p>42.TokyoOlympic2020</p> <p>43.TokyoParalympics2020.</p> <p>44.StaySafeStayHealthy(Vaccines)</p>
November	<p>45.WordsAnalogy</p> <p>46.LetterSeries</p> <p>47.NumberSeries.</p> <p>48.LetterSeries</p> <p>49.WordFormation.</p> <p>50.Probability.</p>
December	<p>51.Clock</p> <p>52.Seating&amp;Positioning.</p> <p>53.Coding-Decoding..</p> <p>54.AlphabetRanking.</p> <p>55.SymbolCoding.</p> <p>56. Direction</p>
January	<p>57. Blood Relation.</p> <p>58. Inequality.</p> <p>59. Data Interpretation.</p> <p>60. Dot analysis</p> <p>61. Paper Folding &amp; Cutting.</p> <p>62. Venn Diagram.</p>
February	<p>63.ReducingPattern.</p> <p>64.GrowingPattern</p> <p>65.RotatingPattern</p> <p>66.MirrorImage.</p> <p>67.WaterImage</p> <p>68.Classification</p>
March	Final exam