

## CLASS- 10<sup>th</sup>

Class -10 <sup>th</sup> SUBJECT: ENGLISH				
*TERM - I				
Month	Literature	Grammar	Writing	Activity
April	L-1 A letter to god L- 1, A Triumph of surgery Poem- 1, Dust of snow	Tenses Modals.	Formal Letter	Speaking
May	L-2, Nelson Mandela: Long walk to Freedom. L-2 The thief's story Poem 2: Fire and Ice Poem 3- A Tiger in the zoo	Determiners		Listening
<b>*Unit Test – I Syllabus (Literature- L- 1,2 (First Flight) L- 1, 2 (Footprints without feet), Poems- 1,2 and 3, GRAMMAR - Tenses, Modals, Determiners, Writing - Formal letter.</b>				
July	L-3, Two stories about flying. L-5, Footprints without feet. L-4 From the diary of Anne frank. Poem- The Ball poem.		Analytical Paragraph	
August	L-5 The Hundred Dresses I L-6 The Hundred Dresses II Poem- Amanda! L-6- The making of Scientist.	Subject – Verb Concord.		Speaking
<b>*Unit Test – II Syllabus (Literature:- L –3,4,5,6(First Flight) L-5,6 (Footprints without feet) Poems- The Ball, Amanda, Grammar- Subject – Verb Concord, Writing - Analytical Paragraph</b>				
<b>September</b>	<b>Revisions of Term - 1</b>			
	<b>Term –I, Examination and Revisions. (Unit test- I and II Full Syllabus)</b>			
October	L-7 Glimpses of India L-7 The Necklace L-9 Madam Rides the Bus Poem- 7 Animals	Reported speech Command Request Questions	Formal Letters.	Listening
November	L-8 The Hack Driver L-9 Bholi L-10, The sermon at Benaras L-11, The Proposal Poem- 10, The tail of custard the dragon.		Paragraph Writing	Speaking
December	<b>*Unit Test – III Syllabus (Literature:- L- 7, 9, 10, 11 (First Flight) L- 7,8,9 (Foot Print without feet) Poems- 7, 10, Grammar- Reported speech, Command, Request, Questions, Formal Letter and paragraph writing.</b>			
Dec- Feb	<b>Revisions &amp; Practice</b>			

<b>SUBJECT: SCIENCE</b>		
<b>*TERM - I</b>		
<b>Month</b>	<b>Chapter</b>	<b>Activities / Presentation</b>
April	Ch- 1 Chemical Reactions and Equations Ch- 6 Life Processes	1. Studying the properties of acids and bases on the bases of their reactants. 2. Experimentally show that carbon dioxide is given out during respiration.
May	Ch- 10 Light – Reflection and refraction Ch- 2 Acids, Bases of Salts	3. Performing and observing the various types of reactions and classify them 4. Determination of the focal length of (i) Concave mirror and Convex lens
<b>*Unit Test- I (Ch- 1,2 , 6, 10)</b>		
July	Ch – 3 Metals and Non- Metals Ch- 8 How do Organisms Reproduce?	5. Observing the action of Zn, Fe, Cu and Al metals on different salt solutions
August	Ch- 12 Electricity Ch – 4 Carbon and its compounds. Ch- 15 Our Environment	6. Studying binary fission and budding with the help of prepared slides
<b>September</b>	<b>*Revision and Half Yearly Exams.(Chapter covered from April to August) (Ch-1,2,3,6,8,10,12,15)</b>	
<b>*Term- II</b>		
October	Ch- 5 Periodic Classification of Elements Ch – 13 Magnetic Effects of Electric Current	7. Tracing the path of a ray of light passing through a glass slab for different angles of incidence.
November	Ch – 9 Heredity and Evolution Ch- 16 Sustainable Management of Natural Resources	8. Studying the dependence of potential difference across resistor on the current passing through it 9. Tracing the path of the rays of light through a glass prism.
<b>December</b>	<b>*Unit Test –II (Ch- 5,9, 13, 16)</b>	
Jan/Feb	<b>*Revision of all Syllabus</b>	
March	<b>*Final Exams</b>	

<b>SUBJECT: MATHS</b>		
<b>*TERM - I</b>		
<b>Month</b>	<b>Chapter</b>	<b>Activities</b>
April	Ch-1 Real Numbers Ch-2 Polynomials Ch- 7 Coordinate Geometry	<ul style="list-style-type: none"> <li>Fundamental Theorem of Arithmetic</li> <li>To Find the Zeros of a given Polynomial.</li> </ul>
May	Ch – 5 Arithmetic Progressions Ch- 8 Introduction to Trigonometry	<ul style="list-style-type: none"> <li>To Find the sum of first n terms of given A.P.</li> </ul>
<b>May</b>	<b>*Unit-Test- Exam - I (Ch- 1, 2, 5, 7)</b>	
July	Ch- 3 Pair of linear equations in two variables Ch – 14 Statistics	<ul style="list-style-type: none"> <li>To solve the system of linear equations</li> <li>To find the mean and mode of given data.</li> </ul>
August	Ch – 9 Some applications of Trigonometry Ch- 11 Constructions	
August	<b>*Unit Test Exam- II, (Ch- 3, 9, 11, 14)</b>	
<b>September</b>	<b>*Revision of chapters covered from April to August and Half Yearly Exams (Ch-1,2,3,4,5,7,8,9,11,14)</b>	
October	Ch- 4 Quadratic Equations Ch- 6 Triangles	<ul style="list-style-type: none"> <li>Method to solve given quadratic equation</li> <li>Pythagoras Theorem</li> </ul>
November	Ch- 10 Circles Ch-12 Areas related to circles	<ul style="list-style-type: none"> <li>Equal chords of a circle are equidistant from its centre</li> <li>To find the centre of a given circle</li> </ul>
<b>*Unit Test- III (Chapter- 4, 6, 10)</b>		
December	Ch- 13 Surface areas and volumes Ch- 15 Probability	<ul style="list-style-type: none"> <li>To make a right circular cone.</li> <li>To determine the volume of a right circular cylinder</li> </ul>
January	<b>*Unit Test- IV (Chapter- 12, 13, 15)</b>	
<b>February</b>	<b>*Revision of all syllabus (Ch- 1,2, 3,4,5,6,7,8,9,10,11,12,13,14,15)</b>	
<b>*Pre – Board Exams and Final Term Examinations</b>		
<b>Paper Pattern (MM:80)</b>		
<b>Section –A</b>		<b>20 x 1 = 20</b>
<b>Section –B</b>		<b>6 x 2 = 12</b>
<b>Section –C</b>		<b>8 x 3 = 24</b>
<b>Section –D</b>		<b>6 x 4 = 24</b>

<b>SUBJECT: Computer Science</b>		
<b>*TERM - I</b>		
<b>Month</b>	<b>Chapter</b>	<b>Activities</b>
April	Part- Unit-1, Communication skills Part-B Unit- 1 Web application (Basic)	Divide the class into two group and discuss the problems associated with ineffective communication.
May	Part B – Unit -2, Word processing (Intermediate)	Create a project report in MS Word to explain in the key point on 'Water Pollution' with the given instructions.
<b>Unit test – I (Part A- Unit – 1, ) Part- B- Unit-1, 2</b>		
July	Part A- Unit -2- Self Management skills Part B- Unit -3- Spreadsheet (Intermediate)	Create a worksheet displaying the 'Pollution level in Major Indian Cities.'
August	Part B- Unit -4, Digital Presentation (Intermediate) Part A- Unit 3, Introduction and Communication Technology skills.	Create a presentation on 'The power of networking'.
<b>August</b>	<b>Unit Test – II, (Part –A, Unit – 2,3), Part B, Unit - 3</b>	
<b>September</b>	<b>Half yearly Exams – Syllabus, (Part- A, Unit- 1,2,3) , Part –B- Unit-1,2,3,4)</b>	
October	Part a- Unit -4, Entrepreneurial Skills Unit- 5 Green skills	Organise a nature walk with your friends family. Write a support on your observations about the effect the walk had on your state of mind.
November	Unit- 6 Database Development (Basics)	Grete a new journal entry work with the options such as task requests, meeting requests and observe the tracking in the Time Management software.
December	Full Syllabus Test Part- A, Unit- 1, 2, 3, 4, 5, Part Unit – 1, 2, 3, 4, 5, 6	
<b>Information Technology Paper Pattern (MM:-50) Time – 2 Hours</b>		
<b>General Instructions:</b>		
1. Questions paper is divided into two sections: Section –A and Section - B		
1. <b>Section A-</b>		
a. Multiple choice questions/Fill in the blanks/Direct Questions of 1 Marks each. Answer any 10 Questions out of the given 12 Questions.		
b. Very short Answer Questions of 2 marks each. Answer any 5 questions from the given 7 questions.		
c. Short Answer Questions of 3 marks each. Answer any 5 questions from the given 7 questions.		
2. <b>Section B-</b> Long/Essay type questions of 5 marks each. Answer any 3 Questions from the given questions.		
3. <b>All questions of a particular section must be attempted in the correct order.</b>		
4. <b>Please check that this question paper contains 31 questions out of which 23 questions are to be attempted.</b>		

<b>SUBJECT: PUNJABI</b>			
<b>TERM - I</b>			
<b>ਮਹੀਨਾ</b>	<b>ਸਾਹਿਤਕ ਕਿਰਨਾ</b>	<b>ਵਿਆਕਰਨ</b>	<b>ਲਿਖਤੀ ਕੌਸ਼ਲ</b>
ਅਪ੍ਰੈਲ	ਪਾਠ – 1 ਗਉੜੀ ਬੈਰਾਗਣਿ (ਗੁਰੂ ਅਮਰਦਾਸ ਜੀ ) ਪਾਠ – 3 ਗੁੰਮ ਨੇ ਰਸੋਈ ਵਿੱਚੋਂ (ਕਸ਼ਮੀਰ ਨੀਰ)	ਸਮਾਸੀ ਸ਼ਬਦ, ਅਣਡਿੱਠਾ ਪੈਰਾ	ਲੇਖ ਰਚਨਾ
ਮਈ			

**\*ਯੂਨਿਟ ਟੈਸਟ (ਪਾਠ - 1,2, 3)**

ਮਈ	ਪਾਠ - 4 ਗੁਰੂ ਉਪਦੇਸ਼ (ਪਵਨ ਹਰਚੰਦਪੁਰੀ) ਪਾਠ - 8 ਹੋਕੜ ਅਤੇ ਹਉਮੈ ਦੀ ਮਾਰ (ਡਾ. ਹਰਸਿੰਦਰ ਕੌਰ)	ਬਹੁਅਰਥਕ ਸ਼ਬਦ, ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ	ਚਿੱਠੀ ਪੱਤਰ
<b>ਯੂਨਿਟ ਟੈਸਟ - ਪਾਠ - 1, 3</b>			
ਜੁਲਾਈ	ਪਾਠ - 1 ਕਲਾਤਮਕ ਰੁਚੀਆਂ ਪ੍ਰਕਿਰਤੀ ਅਤੇ ਪਹਿਚਾਣ (ਡਾ. ਦੇਵਿੰਦਰ ਸੈਫੀ), ਪਾਠ - 4 ਬੇਬੇ ਰਾਮ ਭਜਨੀ (ਪ੍ਰੋ. ਆਈ. ਸੀ. ਨੰਦਾ)	ਅਗੇਤਰ ਪਿਛੇਤਰ	ਇਸਤਿਹਾਰ
ਅਗਸਤ	ਪਾਠ - 1 ਮੈਂ ਕਿਸੇ ਤੋਂ ਘੱਟ ਨਹੀਂ (ਦਰਸ਼ਨ ਸਿੰਘ ਆਸ਼ਟ) ਪਾਠ - 2 ਈਅਰ ਫੇਨ (ਬਲਵਿੰਦਰ ਸਿੰਘ ਸੋਢੀ)	ਮੁਹਾਵਰੇ ਪਾਠ ਪੁਸਤਕ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	ਤਸਵੀਰ ਵਰਣਨ
<b>ਸਤੰਬਰ</b>	<b>*Revision of first term exams.</b>		

**\*TERM - II**

ਮਹੀਨਾ	ਪੰਜਾਬੀ ਸਾਹਿਤ	ਵਿਆਕਰਨ	ਲਿਖਣ ਕੌਸ਼ਲ
ਅਕਤੂਬਰ	ਪਾਠ - 3 ਦੁਸ਼ਮਣੀ (ਬਲਵਿੰਦਰ ਸਿੰਘ ਬਰਾੜ), ਪਾਠ - 5 ਬੀਬੀ ਭਾਨੀ ਜੀ (ਸੁਖਵਿੰਦਰ ਕੌਰ)	ਸਮਾਸੀ ਸ਼ਬਦ ਅਗੇਤਰ ਪਿਛੇਤਰ ਪਾਠ ਪੁਸਤਕ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	ਚਿੱਠੀ ਪੱਤਰ
ਨਵੰਬਰ	ਪਾਠ - 9 ਪੰਜਾਬ ਦੇ ਲੋਕ ਗੀਤ (ਤੋਜਿੰਦਰ ਕੌਰ) ਪਾਠ - 6 ਉੱਡਣਾ ਸਿੰਘ - ਮਿਲਖਾ ਸਿੰਘ (ਪ੍ਰਕਾਸ਼ ਸਿੰਘ ਗਿੱਲ)	ਮੁਹਾਵਰੇ ਬਹੁਅਰਥਕ ਸ਼ਬਦ	ਇਸਤਿਹਾਰ
ਦਿਸੰਬਰ	ਪਾਠ - 7 ਅਣਥੱਕ ਵਿਗਿਆਨੀ - ਡਾ. ਅਬਦੁੱਲ ਕਲਾਮ (ਡਾ. ਪ੍ਰਿਥਵੀ ਰਾਜ ਥਾਪਰ)		ਚਿੱਤਰ ਵਰਣਨ
<b>Paper Pattern</b>			
<b>ਭਾਗ - ਓ</b>			
<b>1.</b>	<b>ਪੜ੍ਹਨ ਕੌਸ਼ਲ</b> ਅਣਡਿੱਠਾ ਪੈਰਾ, ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ		<b>10</b>
<b>2.</b>	<b>ਵਿਆਕਰਨ</b> ਸਮਾਸੀ ਸ਼ਬਦ, ਬਹੁਅਰਥਕ ਸ਼ਬਦ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ) ਅਗੇਤਰ - ਪਿਛੇਤਰ, ਮੁਹਾਵਰੇ		<b>16</b>
<b>3.</b>	<b>ਪਾਠ - ਪੁਸਤਕ (ਬਹੁਵਿਕਲਪੀ)</b> <b>ਕਾਵਿ ਟੁਕੜੀ (ਬਹੁਵਿਕਲਪੀ)</b>		<b>14</b>
	<b>ਭਾਗ - ਅ</b>		
<b>4.</b>	<b>ਪਾਠ - ਪੁਸਤਕ ਤੇ ਅਧਾਰਿਤ ਪ੍ਰਸ਼ਨ</b>		<b>26</b>
<b>5.</b>	<b>ਲੇਖ ਰਚਨਾ, ਚਿੱਠੀ,</b>		<b>40</b>
	<b>ਇਸਤਿਹਾਰ, ਚਿੱਤਰ ਵਰਣਨ</b>		<b>4</b>
	<b>ਕੁੱਲ ਅੰਕ</b>		<b>80</b>
	<b>Internal Assessment</b>	20	

**SUBJECT: SOCIAL STUDIES**

**TERM - I**

Month	Geography	History	Civics	Economics
April	Ch-1 Resources and Development			Ch-1 Development
May		Ch -1 The rise of Nationalism in Europe		
May	<b>*UNIT TEST – I Geo :- Ch- 1, Eco:- Ch1</b>			
July	Ch-4 Agriculture		Ch-1 Power Sharing Ch-2 Federalism	
August				Ch-2 Sectors of the Indian Economy
August	<b>*Unit test II Geo:- 4 Civics:- Ch-1 Eco:- Ch-2</b>			
<b>September</b>	<b>*Half Yearly - Revision + First Term Exams. Geo:- Ch-1,4 His:- Ch-1 Civics :- Ch-1,2 Eco:- Ch- 1,2</b>			
October	Ch-6 Manufacturing Industries Ch-7 Life lines of Indian Economy	Ch-2 Nationalism in India		
November			Ch-6 Political Parties Ch-7 Outcome of Democracy	Ch-3 Money and Credit
December				Ch-4 Globalization and the Indian Economy
	<b>*UNIT TEST – III His:- Ch- 2 Civics :- Ch- 6 Eco:- Ch-3</b>			
January		Ch-4 The age of industrialization		
January	<b>*Unit Test – IV Geo:- Ch- 6 His:- Ch-4</b>			
February	<b>*Revision and Final Exams Geo:- Ch-6,7 His:- Ch-2,4 Civics:- Ch- 6,7 Eco:- Ch-3,4</b>			
March	<b>*Final Exams</b>			