



SWAMI SANT DASS PUBLIC SCHOOL

For the Session - 2022-23

Class - EIGHTH

Books Recommended

Sr. No.	Name of Books	Publisher
1.	English	
	1. Honey Dew	N.C.E.R.T.
	2. It so Happened	N.C.E.R.T.
	3. Essential of English Grammar and Composition-8	Sultan Chand & Sons
	4. People who made History (Stories from Medieval India)	Ratna Sagar (P) Ltd.
2.	Maths	
	1. Mathematics Text Book for Class-VIII	N.C.E.R.T.
3.	Science	
	A Text Book of Class VIII	N.C.E.R.T.
4.	Social Science	
	1. Social Science Resources and development	N.C.E.R.T.
	2. Our Past-III (History)	N.C.E.R.T.
	3. Social and Political Life-3	N.C.E.R.T.
5.	Punjabi	
	ਪੰਜਾਬੀ ਪਾਠ ਪੁਸਤਕ-੪(ਪਹਿਲੀ ਭਾਸ਼ਾ)	P.S.E.B.
	ਵਿਆਕਰਨ - ਰੁਤਬਾ-੪	Rishab Pub.
	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਵਿਆਕਰਨ	
6.	Hindi	
	पुस्तक - वसंत (भाग-3)	N.C.E.R.T.
	विशेष हिन्दी व्याकरण तथा रचना (भाग-8)	Laxmi Pub.
	भारत की खोज (पूरक पाठ्य पुस्तक)	N.C.E.R.T.
7.	Computer	
	Touchpad Plus-8 Ver.2.0	Orange Edu.Pvt. Ltd.
8.	Art	
	1. A Creative Book of Drawing	Rohan Book Co.
9.	Physical Education	
10.	Tabla	
11.	Music	

ENGLISH

Term-I (April - May)

PERIODIC TEST - I

Note :

1. Knowledge of Grammar topic and writing skill done in previous class is must.

Name of Chapter	No of Period
Book : Honey Dew (NCERT)	
Ch-1 The Best Christmas Present	3
Poem : The Ant and the Cricket	1
Ch-2 The Tsunami	3
Poem : Geography lesson	1
Book : It so Happened	
Ch-1 How the camel got its hump	2
Ch-2 Children at work	3
Writing Tasks	
Notice	1
Message	1
Letter to Editor	1
Grammar	
Ch-1 Determiners	2
Ch-5 Modals	2
Ch-10 Adverbs	2
Ch-11 Prepositions	1
Reading Skill	
Unseen Comprehension Passage	1
Vocabulary	
Antonyms (above-freedom)	2
Synonyms (abandon-False)	2
Idiomatic Expressions (Back Out-Eat Out)	1

Activities :

- * Speak about objects/events/school environment and outside surroundings.
- * Discuss in the group whether wars are a good way to end conflict between countries.

Learning Outcomes : The student will be able to-

- * Convey message formally and informally.
- * Answer a variety of questions on various texts.
- * Write Notice, message and letter in order to demonstrate knowledge of the features of various types of writing.

Distribution of Marks

M.M. 50

Reading Skill : 10

Writing Skills : 10

Grammar : 15

Literature & Voc. : 15

(July - Sept) PERIODIC TEST - 2 (HALF YEARLY) Note : Syllabus of P.t. -1 will be included in P.T. 2	
Name of Chapter	No of Period
Book : Honey Dew (NCERT)	
L-3 Glimpse of the Past	3
Poem : Macavity : The Mystery Cat	1
L-4 Bepin Choudhury's Lapse of Memory	3
Poem : The Last Bargain	1
L-5 The Summit Within	3
Poem : The School Boy	1
Book : It so happened	
Ls-3 The Selfish Giant	3
Ls-4 The Treasure with in	2
Ls-5 Princess September	3
Writing Tasks	
E-mail	1
Article	1
Diary Entry	1
Description	1
Grammar	
Ch-2 to 4 Verbs	3
Ch-6 Conditionals	2
Ch-8 Voice	3
Ch-12 Conjunctions	2
Editing (Practice exercise will be given by teacher)	2

Name of Chapter	No of Period
Reading Skill Unseen Reading Passage	2
Vocabulary Words often confused with (1-25)	2
Words followed by Preposition(1-50)	2
Idiomatic Expressions (Egg on Run out of)	2
Topic : Specific Vocabulary (Health and Education)	2

Extended Reading : Ch 1 to 8

(People who made History)

Activities :

- * Read stories/plays and narrate them, locate main idea and sequence of events and co-relate ideas, theme and issues in variety.
- * Role play Enact the role of farmers who have grievances against the policies of the government.

Distribution of Marks

M.M. 80

Reading Skill : 20

Writing Skills : 15

Grammar : 20

Literature & Voc. : 25

Learning Outcomes : Students will be able to

1. Use topic specify vocabulary in his writing skills.
2. Understand the difference between imaginary and factual stories.
3. Describe people, places and express his feelings.

(Sept-Dec) PERIODIC TEST - 3 Note : Grammar Topics of PT-1 and PT-2 will be included.	
Name of Chapter	No of Period
Book : Honey Dew (NCERT)	
Ch-6 This is Jody's Fawn	2
Poem : The Duck and the Kagaroo	1
Ch-7 A Visit to Cambridge	3
Poem : When I set out for Lyonesse	
It So Happened	1
Ch-6 The Fight	3
Ch-7 The Open Window	3
Writing Tasks	
Report	1
Speech	1
Dialogue	1
Grammar	
Ch-13 Phrases and Clauses	2
Ch-14 Relative Clause	2
Ch-7 Non-Finite Verb	3
Reading Skills	
Unseen Comprehension Passage	2
Vocabulary	
Antonyms (Fresh-within)	2
Synonyms (Foolish-Zeal)	2
Idiomatic Expressions (see off- To go to the dogs)	2

Activities :

- * Interview people from various professions such as doctor, writer, teacher, newspaper boy etc.
- * Present an argument on “Is it right to kill an animal to save human life ?

Marks Distribution of PT3 will be same as PT1

Learning Outcomes : Students will be able to

1. Understand rhymes scheme and simple poetic device, (Simile, metaphor)
2. Learn how to report any incident or accident and will develop conversational skills.
3. Develop a story describing various incident, people and places and connecting them coherently.

(January-March)

ANNUAL EXAMINATION

Note : Syllabus of PT3 will be included.

Grammar Topics of PT1, PT2 & PT 3 will be included

Name of Chapter	No of Period
Book : Honey Dew	
Ch-8 A Short Monsoon Diary	2
Poem - On the Grasshopper and Cricket	1
Ch-9 The Great Stone Face-I	3
Ch-10 The Great Stone Face-II	3
It So Happened	
Ch-8 Jalebis	3
Ch-9 The Comet-I	2
Ch-10 The Comet-II	2
Writing Skill	
Story	1
Debate	1
Bio-sketch	1
Data Interpretation	1
Grammar	
Ch-15 Sentences	2
Ch-16 Sentence Transformation	3
Ch-17 Direct and Indirect Speech	4
Ch-18 Punctuation	2
Vocabulary	
Words often confused (26-50)	2
Words followed by preposition (51-100)	2
Idiomatic Expressions	2
(To go without saying a far cry)	
Omission (Practice exercise will be given by the teacher)	2
Topic : Specific Vocabulary (Food and Environment)	2
Extended Reading : 9 to 15 stories The People who made history	

Activities PT-4 :

- * A book review on “ Honey Dew”
- * Narrate the story attributed to stone face.

Note :

Marks Distribution will be same as PT2

Learning Outcomes : Students will be able to

1. Use the knowledge of different grammar topics in his writing.
2. Develop analytical skills and compare the given data.
3. Participate in different activities in English such as role play, speech, declamation etc. In order to demonstrate fluency and comprehension of the language.

Distribution of Marks

M.M. 80

Reading Skill : 20

Writing Skills : 15

Grammar : 20

Literature & Voc. : 25

MATHS

Term-I

PERIODIC TEST - I (April - May)

Sr. No.	Name of Chapter	No. of Periods	Learning outcomes
1.	Rational Number	9	Students will be able to : *generalise properties of addition, subtraction, multiplication and division of rational number. * find out as many rational numbers as possible between two given rational numbers. * represent rational number on number line
2.	Square and Square root	12	*find square and square roots of number using different method. * Use square roots in solving problems of daily life.
3.	Cube and Cube root	9	*find cube and cube roots of a number
4.	Visualising Solid Shapes	5	*represent 3D shapes on a plane surface such as sheet of paper, black board etc.

Activities :

1. To divide a line segment of given length into any number of equal parts.
2. Draw the net of different 3-D figures and verify Euler's relationship.

Mental Ability : Water images, Mirror images, Incomplete figures

Total Marks : 50 (45+5 Mental Ability)

PERIODIC TEST - 2

Half Yearly (July - September)

Note : Syllabus of P.T. -1 will be included in P.T. 2

Sr. No.	Name of Chapter	No. of Periods	Learning outcomes
1	Exponent and Powers	14	Students will be able to : * solve problem with integral exponents. *use the laws of exponent * expresses numbers in standard form
2	Comparing Quantities	14	* apply the concept of percent in profit and loss, situation in finding discount GST and compound interest.
3	Algebraic Expressions and Identities	6	*solve addition, subtraction and multiplication of algebraic expressions. *use various algebraic identities in solving problem of daily life.
4	Direct and Inverse proportion	8	* solve problem based on direct and inverse proportion.

Activities :

1. To find the %age of students of class VIII who secured highest marks in Maths or English.
2. To verify algebraic Identity, $(a+b)^2 = a^2+2ab+b^2$

Mental Ability :

Problem on dice, Analytical reasoning

Total Marks = 80(70+10 Mental Ability)

PERIODIC TEST - 3 (September - December)

Sr. No.	Name of Chapter	No. of Periods	Learning outcomes
1	Data Handling	12	Students will be able to : * draw and interpret bar graph and pie charts in order to answer a variety of questions based on them. *conduct activities related to probability.
2	Factorization	12	* find factors of algebraic expression * do divisions of algebraic expressions. *find the error in mathematical statement and correct it.
3	Linear equation in one variable	12	*solve problem based on linear equation in one variable. *solve puzzles and daily life problem using variables.
4	Playing with numbers	8	* observe patterns using operations in order to derive the divisibility rules of 2,3,4,5,6,9 & 11

Activities :

1. To draw pie-chart of time spent by a student during a day in different subjects.
2. To get familiar with an idea of probability by activity method.
- 3) To obtain a linear equation and draw its graph.

Mental Ability : Mathematical operations, Logical Venn diagram test, Direction sense test.

Total Marks : 50 (45+5 Mental Ability)

ANNUAL EXAMINATIONS (December-March)

Note : Syllabus of P.T. -1, P.T.-2 and PT-3

will be included in Annual Examinations

(Excluding Ch- Playing with Numbers and Data Handling)

Sr.	Name of Chapter	No. of Periods	Learning outcomes
1.	Understanding Quadrilaterals	10	Students will be able to : * solve problem related to angles of quadrilateral using angle sum property. * verify properties of parallelogram and establish the relationship. *generalize properties of different types of quadrilateral. * construct different quadrilaterals using compasses and straight edge. *estimate the area of shapes like trapezium and other ploygon by using square grid/graph sheet and verify using formulas. *find the area and perimeter of polygon *draw and interpret linear graph.
2.	Practical Geometry	08	
3.	Mensuration	11	
4.	Introduction to Graphs	6	

Activities :

1. To draw the net of cuboid and finds it total surface area.
2. To find total surface area of cylinder.
3. To verify sum of angles of quadrilateral is 360° .
4. To verify area of trapezium $= \frac{1}{2} (\text{sum of parallel sides}) \times \text{height}$

Mental Ability : Blood relations, Logical sequences of words.

Total Marks=80 (70+10 Mental Ability)

Science

Term-I (April - May)

PERIODIC TEST - I

Ch. No.	Name of Chapter	Learning Outcomes	No. of Period
1	Crop Production & Management	Students will be able to : 1. know about different approaches to traditional & modern agriculture 2. Differentiate between Rabi & Kharif crops 3. know about importance of animal husbandary. 4. Analyse the importance of Organic farming	6
2	Synthetic Fibres & Plastics	1. know about properties & uses of different synthetic fibres. 2. Understand properties of plastics. 3. Identify the harmful effects of plastics 4. Understand the need to recycle/ find alternative to plastics.	6
3	Force & Pressure	1. Identify different types of forces. 2. Explain effects of force 3. Understand relationship between pressure & surface area & its application. 4. know about atmospheric pressure, drag & its applications.	6
4	Friction	1. Understand cause of friction 2. Identify different types of friction 3. know about advantages & disadvantages. of friction 4. know about ways to increase or decrease firection.	6

EVE :

1. Role of soil in plant growth.

Activities :

1. To study the Water absorption capacity in synthetic & Natural fibres.
2. To study that liquids exert pressure on all sides.
3. To prove that wheels reduce friction.

Total Marks : 50

(July-September)
PERIODIC TEST - 2 (Half Yearly)

Note : Syllabus of PT-1 and PT-2 will be included.

Ch. No.	Name of Chapter	Learning Outcomes	No. of Period
2	Microorganisms Friends & Foe	Students will be able to : 1. know about useful & harmful micro organisms. 2. know about different ways to preserve food. 3 learn about Nitrogen cycle.	6
4	Materials : Metal & Non-Metals	1 Differentiate between metals. & non-metals based on their physical & chemical properties. 2 know about displacement reactions 3. Identify uses of metal & non metals	6
7	Conservation of Plants & Animals	1. Understand consequences of deforestation 2. Learn about National Parks, Wildlife sanctuaries, zoos etc 3 Identify endemic, endangered & extinct species 4. Understand need to protect forests.	6
13	Sound	1. Understand how sound is produced. 2. Learn about characteristics of sound 3. Identify how sound is produced in musical instruments. 4. Analyse ill effects of noise pollution.	6
18	Pollution of Air & Water	1. Learn about causes, consequences. & prevention of air & water pollution.	6

EVE : 1. Study the effect of air pollution.

Activity ;

1. To study micro organisms from slides
2. To study the effect of Zinc & Iron on Copper sulphate solution.
3. To show that vibrating bodies produce sound.
4. To observe rain water harvesting sytem in school.

Total Marks : 80

(September-Dec)
PERIODIC TEST - 3

Ch. No.	Name of Chapter	Learning Outcomes	No. of Period
5	Coal & Petroleum	Students will be able to : 1. Understand about formation & uses of fossil fuels. 2. know about effects of pollution caused by burning fossil fuels.	6
6	Combustion & Flame	1. Understand about necessary conditions for combustion 2. Identify different zones of candle flame 3. Differentiate between different types of combustion 4. know about fuel efficiency of different fuels.	6
8	Cell-structure & Functions	1. Identify different parts of plant & animal cell. 2. Understand functions of cell organelles	6
14	Chemical Effects of Electric Current	1. Learn about how do liquids conduct electricity? 2. Understand electrolysis & its applications	6
15	Some Natural Phenomena	1 Understand about static electricity & its detection 2. know about cause of lightening Earthquake. 3. know about safety measures to be adopted during lightning & earthquake	6
VIII - 19			

EVE :

Use of Alternative source of energy.

Activities :

1. To study different zones of a candle flame.
2. To study a typical plant and animal cell.
3. To differentiate between electrolytes & non-electrolytes.

Total Marks : 50

(Dec-March)
ANNUAL EXAMINATION

**Note : Ch-2 , 4, 11 and 18 from Term-1 and Syllabus of
P.T. 3 will be included in Annual Exams**

Ch. No.	Name of Chapter	Learning Outcomes	No. of Period
9	Reproduction in Animals	Students will be able to : 1. Understand different modes of sexual & asexual reproduction in animals 2. Identify parts of male & female reproductive system. 3. Understand the process of sexual reproduction in human beings	6
10	Reaching the Age of Adolescence	1. Relate to the changes during puberty. 2. Understand how sex of the baby is determined. 3. know about health care during puberty 4. know about endocrine glands & its secretion	6
16	Light	1. Understand the laws of reflection of light. 2. Understand characteristics of image formed by plane mirror & associated phenomena. 3. know about structure, function, defects its correction of the human eye 4. know about Braille system.	6
17	Stars & Solar Systems	1. know about constellations, moon & its phases, Planets, Meteors, Asteroid belt & artificial satellites.	6

EVE :

1. Ecological pyramids

Activity :

1. To study the laws of reflection.
2. To study dispersion of light

Total Marks : 100

SOCIAL SCIENCE

(April - May)

PERIODIC TEST - I

Sr. No.	Contents	Period
1.	How, When, Where	4
2.	From Trade to Territory	6
3.	Why do we need Parliament ?	5
4.	The Indian Constitution	5
5.	Resources	4
6.	Land, Soil, Water, Natural Vegetation & Wild Life	5
7.	Ruling the country side	6

Activities:

Map Work : Important countries of the World

Poster : Resource Conservation

Diagram : Soil Profile

Timeline - Ruling the Country side

Learning Outcomes:- The students will be able -

*To understand different types of industries based on material size and about East India company with its power. It help to analyses the significant developments in the process of nation building.

(July to September)

PERIODIC TEST - II

Note : Syllabus of PT-1 will be included in PT-2

Sr. No.	Contents	Period
8.	Tribal Dikus and the vision of the golden age	7
9.	When People Rebel	7
10.	Understanding Secularism	5
11.	Understanding laws	4
12.	Judiciary	5
13.	Public Facilities	5
14.	Mineral and Power Resources	5

Activities:

Map : Important centre of Revolt of 1857.

Important Nuclear and thermal power, Plants of India.

Diagram : Hydel Energy

Learning Outcomes:- The students will be able.

*To understand the nature and spread of the revolt 1857. It would help to interpret social and political issues alongwith location and distribution of important minerals.

(October to December)
PERIODIC TEST - 3

Note : Map Work of PT-1 and PT-2 will be included in PT3

Sr. No.	Contents	Period
15.	Civilising the natives, educating the people	7
16	Weavers, Iron smelters and factory owners	5
17	Agriculture	6
18	Understanding our Criminal Justice system	6
19	Understanding marginalisation	5
20	Confronting marginalisation	4

Activities:

Map Work : Case study of Jharkhand.

Chart : Major crops of India.

Collect paste : "Tagore's contribution to education in India."

Learning Outcomes: The Students will be able -

* To understand policies of Colonial administration towards the tribal communities & describe major crops, types of farming and agriculture practices in different area. The causes and consequence of marginalisation faced by disadvantaged sections of one's own region will also become clear to them.

(Jan to March)
PERIODIC TEST - 4

Note : Map Work of PT-1 and PT-2 will be included.

Syllabus of PT-3 will be included in Annual Examination

Sr. No.	Contents	Period
21	Making of the National Movement	8
22	India after Independence	7
23	Women caste and reform	8
24	Industries	6
25	Human Resource	5
26	Law and Social Justice	5
27.	Land Soil, Water, Natural Vegetation and wild life.	
28.	The Indian Constitution	
29.	Public Facilities	

Activities:

Map : Major Iron and steel plants of India.

Diagram : Blast furnace.

Timeline : The making of National Movement (1870-1947)

*** Learning Outcomes. - Students will be able**

* It helps in outlining major developments during the course of Indian National movement since 1870 till independence. It helps in analysis of uneven distribution of natural and human made resources on the earth and Role of govt. in providing facilities and regulating economic activities.

ART

Term-I (April - May)

PERIODIC TEST - I

- Art :** Chapter 1 and 3 of the Book
A Creative Book of Drawing
- Craft :** Activity : Origami Stand

PERIODIC TEST - II (Half Yearly (July to Sept))

- Art :** Chapter 2 and 4
- Craft :** Activity : Glitter sheet Flower

PERIODIC TEST - III (Sept- Dec)

- Art :** Chapter 5 and 6
- Craft :** Activity : Wall Decor with Glue Gun

ANNUAL EXAMINATION (Dec-March)

- Art :** Chapter 7
- Craft :** Activity : Cement Activity with
(Surgical gloves)

MUSIC

Term-I (April - May)

PERIODIC TEST - I

Topic Name	No. of Period
1. Raga Bheemplasi	05
2. Dhamar, Tilwara Tala	02
3. Festival Song	03

Learning Outcomes :

- *Performs raga through aroha, avroh and pakad. A small composition in the raga with alap and few tanas.
- * Perform Tala and their layakaris by using fingers and palm.

PERIODIC TEST - II (Half Yearly (July to Sept))

Topic Name	No. of Period
1. Shabad on Harmonium	07
2. Patriotic Song	04
3. Bhajan	03

Learning Outcomes :

- *Perform classical based Religious and Patriotic music.
- *Understanding the feeling and different characteristic that distinguishes them from one another.

PERIODIC TEST - III (Sept- Dec)

Topic Name	No. of Period
1. Raga Bihag	06

2. Shabad

04

Learning Outcomes :

*Perform raga through aroha, avroha and pakad. A small composition in the raga with alap and few tanas.

ANNUAL EXAMINATION

(Dec-March)

Topic Name	No. of Period
1. Jai Tala	02
2. National Anthem on Harmonium	08
3. Ektala + Chartala	04

Learning Outcomes :

* Perform Talas and their layakaris by using fingers and palm. Similarities and difference between Ektaal and Chartaal.

* Performs with accurate rhythm and appropriate technique and tone.

TABLA

Term-I (April - May)

PERIODIC TEST - I

Topic Name	No. of Period
1. Kayada 1	02
2. Teen Tala	02
3. Tukra 1	02
4. Chakradar	02

Learning Outcomes :

Students will be able to perform different variation of tala with laykaris.

PERIODIC TEST - II (Half Yearly

(July to Sept)

Topic Name	No. of Period
1. Ektala	04
2. Kayada	03
3. Tukra	03
4. Chakradar	05

Learning Outcomes :

*Students will be able to Sangat with classical music.

*They will be able to recognize the different kinds of Talas played on Tabla.

PERIODIC TEST - III

(Sept- Dec)

Topic Name	No. of Period
1. Sool Tala	02
2. Chautala	03
3. Tivra	02
4. Aara Chautala	03

Learning Outcomes :

- * Students will be able to Sangat with classical and semi classical music. They will be able to increase the fingers flexibility and adaptability of instruments with their practice.

**ANNUAL EXAMINATION
(Dec-March)**

Topic Name	No. of Period
1. Jai Tala	04
2. Rela	03
3. Kayda	03
4. Damdar Tihai	04

Learning Outcomes :

- * Students will be able to draw their attention towards how to finish the Tala with variations.

PHYSICAL EDUCATION**Term-I (April - May)****PERIODIC TEST - I**

Topic	Skills	Learning Outcomes	No. of Period
Warming up	General and specific Running/trides/ Straching/Free hand exercises, Chasing and covering	Demonstrate a mature response to challenges in physical activities.	
Kho-Kho	Zigzag running 3, 3, 2	Can recognize individual challenges and cope in a positive way,	5
Basketball	Shooting the ball, man to man defence	such as extended effort, asking for help or feedback and/or modifying the tasks.	6
YOGA	Advance pose for 30 sec and 45 sec.		6

(April - Sept))
PERIODIC TEST - II

Topic	Skills	Learning Outcomes	No. of Period
Warming up	General and specific Runing/trides/ Straching/Free hand exercises, traditional games	Can take part in physical activities that promotes positive social interaction	4
Kho-Kho	Chasing and runing (game) man to man defence and lay up with 2 and half step	Show that I understand how physical activity impacts my mental and emotional health and makes me more ready to learn.	6
Basketball	Ushtrasan, Paschimotanasna	Can solve problem and think critically in physical activity setting, both as an individual and in groups.	6
YOGA	padahstaasna meditation		
Physical Fitness	Fitness skill with help of ladder, pull up and puh ups		

(Sept. to Dec)
PERIODIC TEST - III

Topic	Skills	Learning Outcomes	No. of Period
Warming up	General and specific Runing/trides/ Straching/Free hand exercises, traditional games	Follow the class directions and maintain safe behavious	6
Fit India Week		Can solve problems and think critically in physical activity setting, both as an individual and in group.	4
Kho-Kho	Advance game with all skills	Can take part in physical activities that promotes positive social interaction.	4
Basketball	Layup, 2 pointer and 3 pointer shooting	Can explain the benefit of a physically active lifestyle.	6
Chess	Basic skills for critical thinking		
Yoga	Advance practice for mental ad phyical fitness		4

(Dec. to March)
ANNUAL EXAMINATIONS

Topic	Skills	Learning Outcomes	No. of Period
Warming up	General and specific	Can Demonstrate basic movement	5
Athletics	Running/strides/ starching/free hand exercises.	or techniques used in stres-reducing activities	
Basket Ball	Layup, 2 pointer and 3 pointer hootings and game with all skills	how improvement in approching or mainting the healthy range in fitnessTechn. repect for self and others in activities	8
YOGA	All advance practice for mental ad physical fitne. fundamental skills	and games by following the rule, encouraging other and playing in the spirit of the game or activity.	7

Note : For remark and grade, students sports performance and temperament in various physical activitie and yoga will be considered.

PUNJABI
Term-I (April - May)
PERIODIC TEST - I

ਪਾਠ-ਪੁਸਤਕ	No. of Period
ਪਾਠ-2 ਪੇਮੀ ਦੇ ਨਿਆਣੇ (ਕਹਾਣੀ)	3
ਪਾਠ-4 ਸ੍ਰੀ ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ (ਜੀਵਨੀ)	3
ਪਾਠ-5 ਉੱਦਮ ਕਰੀ ਜ਼ਰੂਰ (ਕਵਿਤਾ)	3
ਪਾਠ-7 ਰੂਪਨਗਰ (ਲੇਖ)	3
ਲੇਖ—ਸਮੱਸਿਆਵਾਂ ਤੇ ਆਧਾਰਿਤ ਵਿਸ਼ੇ	3
ਪੱਤਰ—(1) ਅਖ਼ਬਾਰ ਦੇ ਸੰਪਾਦਕ ਨੂੰ	2
(2) ਦੁਕਾਨਦਾਰ ਨੂੰ ਪੱਤਰ	2
ਵਿਆਕਰਨ	
ਵਿਰੋਧੀ ਸ਼ਬਦ (30)	3
ਅਗੇਤਰ (20)	2
ਮੁਹਾਵਰੇ (30)	3
ਅਰਥ ਭੇਦ (1-7 ਭਾਗ)	2
ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ (30)	3
ਸ਼ਬਦ ਸ਼ੁੱਧੀ (ਉਪਰੰਤ ਤੋਂ ਬੁਝੇਪਾ)	2
ਕਾਵਿ-ਟੁਕੜੀ	2
ਅਣਡਿੱਠਾ ਪੈਰਾ	2
ਤਸਵੀਰ	2

Project Work—ਤਸਵੀਰ (ਦ੍ਰਿਸ਼/ਨਜ਼ਾਰੇ, ਮਹਾਨ ਸਖਸ਼ੀਅਤਾ)

ਉਦੇਸ਼ (Learning Outcomes)—ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਅੰਧ-ਵਿਸ਼ਵਾਸਾਂ ਤੋਂ ਬਾਹਰ ਕੱਢਦੇ ਹੋਏ ਉਹਨਾਂ ਦੀ ਸੋਚ ਨੂੰ ਤਰਕ ਅਤੇ ਵਿਚਾਰ ਚਰਚਾ ਕਰਨ ਦੇ ਯੋਗ ਬਣਾਉਣਾ। ਜ਼ਿੰਦਗੀ ਵਿੱਚ ਹਮੇਸ਼ਾ ਮਿਹਨਤ ਅਤੇ ਉੱਦਮ ਕਰਨ ਦੀ ਪ੍ਰੇਰਣਾ ਦੇਣੀ। ਉਹਨਾਂ ਦੇ ਸ਼ਬਦ ਭੰਡਾਰ ਵਿੱਚ ਵਾਧਾ ਕਰਨਾ। ਭਾਸ਼ਾ ਦਾ ਮੂਲ ਉਦੇਸ਼ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਉਹਨਾਂ ਦੇ ਵਿਰਸੇ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ।

(April - Sept))
PERIODIC TEST - II
Note : PT.1 will be included in PT-2

ਪਾਠ-ਪੁਸਤਕ	No. of Period
ਪਾਠ-8 ਬਾਬਾ ਫ਼ਰੀਦ ਜੀ (ਜੀਵਨੀ)	3
ਪਾਠ-10 ਹਰਿਆਵਲ ਦੇ ਬੀਜ (ਕਹਾਣੀ)	3
ਪਾਠ-11 ਪੰਜਾਬੀ ਲੋਕ-ਨਾਚ ਗਿੱਧਾ (ਲੇਖ)	3
ਪਾਠ-16 ਗੁਲਾਬ ਦੀ ਫ਼ਸਲ (ਕਵਿਤਾ)	3
ਲੇਖ—ਸਮੱਸਿਆਵਾਂ ਤੇ ਆਧਾਰਿਤ ਵਿਸ਼ੇ	2
ਪੱਤਰ—ਥਾਣੇਦਾਰ ਨੂੰ ਪੱਤਰ, ਪਿਤਾ ਨੂੰ ਪੱਤਰ	2
ਵਿਆਕਰਨ	
ਵਿਰੋਧੀ ਸ਼ਬਦ (30)	3
ਅਗੇਤਰ (20)	2
ਮੁਹਾਵਰੇ (30)	3
ਅਰਥ-ਭੇਦ (8-14 ਭਾਗ)	2
ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ (30)	3
ਸ਼ਬਦ ਸ਼ੁੱਧੀ (ਆਦ੍ਰਸ਼-ਮੁੱਡਲਾ)	2
ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ	3
ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹ	2
ਕਾਵਿ-ਟੁਕੜੀ	2
ਅਣਡਿੱਠਾ ਪੈਰਾ	2

Project Work—ਇਸ਼ਤਿਹਾਰ (ਸਮਾਜਕ, ਵਪਾਰਕ)

ਉਦੇਸ਼ (Learning Outcomes)—ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਗਿਆਨ ਨੂੰ ਸਮਝਾ ਕੇ ਉਸਦੀ ਢੁੱਕਵੀਂ ਵਰਤੋਂ ਦੇ ਯੋਗ ਬਣਾਉਣਾ। ਕਵਿਤਾ ਦਾ ਉਚਾਰਨ ਅਤੇ ਉਸਦੀ ਵਿਆਖਿਆ ਰਾਹੀਂ ਕਵਿਤਾ ਦੇ ਡੂੰਘੇ ਅਨੁਭਵਾਂ ਦੀ ਜਾਣਕਾਰੀ ਦੇਣੀ। ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰਕ ਲੋਕ-ਨਾਚ ਦੀ ਜਾਣਕਾਰੀ ਦਿੰਦੇ ਹੋਏ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਉਹਨਾਂ ਦੇ ਵਿਰਸੇ ਨਾਲ ਜੋੜਨਾ।

**(Sept. to Dec)
PERIODIC TEST - III**

**Note : Short gm. topics of PT-1 and PT-2 will be included
in PT-3.**

ਪਾਠ-ਪੁਸਤਕ	No. of Period
ਪਾਠ-15 ਰਵਿੰਦਰ ਨਾਥ ਟੈਗੋਰ (ਜੀਵਨੀ)	3
ਪਾਠ-17 ਲੋਹੜੀ (ਲੇਖ)	3
ਪਾਠ-19 ਅੰਮੜੀ ਦਾ ਵਿਹੜਾ (ਕਵਿਤਾ)	3
ਪਾਠ-20 ਛੱਲੀਆਂ ਦੇ ਰਾਖੇ (ਕਹਾਣੀ)	3
ਲੇਖ—ਵਿਦਿਆਰਥੀ ਜੀਵਨ ਨਾਲ ਸੰਬੰਧਿਤ	2
ਪੱਤਰ—(1) ਸਰਪੰਚ ਨੂੰ ਪੱਤਰ, (2) ਮੁੱਖ ਮੰਤਰੀ ਨੂੰ ਪੱਤਰ	2
ਵਿਆਕਰਨ	
ਅਖਾਣ (20)	2
ਸਮਾਨਾਰਥਕ (30)	3
ਬਹੁਅਰਥਕ ਸ਼ਬਦ (25)	3
ਪਿਛੇਤਰ (20)	2
ਸਮਾਸੀ ਸ਼ਬਦ (1-2 ਭਾਗ)	2
ਯੋਜਕ ਦਾ ਪ੍ਰਸ਼ਨ	1

ਕਾਵਿ-ਟੁਕੜੀ 2

ਅਣਡਿੱਠਾ-ਪੈਰਾ 2

Project Work—ਤਸਵੀਰ ਵਰਨਣ (ਦ੍ਰਿਸ਼, ਨਜ਼ਾਰੇ, ਮਹਾਨ ਸ਼ਖ਼ਸੀਅਤ)

ਉਦੇਸ਼ (Learning Outcomes)—ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਤਿਉਹਾਰਾਂ, ਮੇਲਿਆਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ। ਮਹਾਨ ਸ਼ਖ਼ਸੀਅਤਾ ਲੇਖਕਾਂ ਦੀਆਂ ਜੀਵਨੀਆਂ ਅਤੇ ਉਹਨਾਂ ਦੀਆਂ ਸਿੱਖਿਆਵਾਂ ਬਾਰੇ ਜਾਣੂ ਕਰਵਾਉਣਾ। ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਸ਼ਬਦ ਭੰਡਾਰ ਵਿੱਚ ਵਾਧਾ ਕਰਨਾ।

**(Dec. to March)
ANNUAL EXAMINATIONS**

**Note : Short gm. Topics of PT-1 PT-2 and PT-3 will be
included in final Exam :**

ਪਾਠ-ਪੁਸਤਕ	No. of Period
ਪਾਠ-21 ਗਿਆਨ, ਵਿਗਿਆਨ ਤੇ ਮਨੋਰੰਜਨ (ਲੇਖ)	3
ਪਾਠ-23 ਪਿੰਡ ਦੀ ਘੁਲਾੜੀ (ਕਵਿਤਾ)	3
ਪਾਠ-24 ਭੂਆ (ਕਹਾਣੀ)	3
ਪਾਠ-27 ਵੱਡੇ ਭੈਣ ਦੀ (ਇਕਾਂਗੀ)	3
ਲੇਖ—ਵਿਦਿਆਰਥੀ ਜੀਵਨ ਨਾਲ ਸੰਬੰਧਿਤ	2
ਪੱਤਰ—(1) ਮਿੱਤਰ/ਸਹੇਲੀ ਨੂੰ ਪੱਤਰ	2
(2) ਦਫ਼ਤਰੀ ਪੱਤਰ	2
ਵਿਆਕਰਨ	
ਅਖਾਣ (20)	2
ਸਮਾਨਾਰਥਕ (30)	3
ਬਹੁਅਰਥਕ ਸ਼ਬਦ (25)	3
ਪਿਛੇਤਰ (20)	2
ਸਮਾਸੀ ਸ਼ਬਦ (3-4 ਭਾਗ)	2
ਵਾਕ ਵਟਾਂਦਰਾ	2
ਅਣਡਿੱਠਾ ਪੈਰਾ	2
ਕਾਵਿ-ਟੁਕੜੀ	2

Project work—ਇਸ਼ਤਿਹਾਰ (ਸਮਾਜਕ, ਵਪਾਰਕ) ਸਲੋਗਨ, ਤਸਵੀਰ ਵਰਨਣ (ਦ੍ਰਿਸ਼/ਨਜ਼ਾਰੇ)

ਉਦੇਸ਼ (Learning Outcomes)—ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਤਰਕਸ਼ੀਲ ਬੁੱਧੀ ਦਾ ਨਿਰਮਾਣ ਕਰਨਾ। ਪੰਜਾਬੀ ਵਿਰਸੇ ਨਾਲ ਜਾਣੂ ਕਰਵਾਉਣਾ। ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਗਿਆਨ ਨੂੰ ਸਮਝਾ ਕੇ ਉਸਦੀ ਰਾਹੀਂ ਜੀਵਨ ਦੇ ਡੂੰਘੇ ਅਨੁਭਵਾਂ ਦੀ ਜਾਣਕਾਰੀ ਦੇਣੀ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਮੂਲ ਉਦੇਸ਼ ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਸ਼ਬਦ ਭੰਡਾਰ ਵਿੱਚ ਵਾਧਾ ਕਰਨਾ।

HINDI**Term-I (April - May)
PERIODIC TEST - I**

नोट-पिछली कक्षा में करवाई गई व्याकरण की दोहराई।

	No. of Periods
पाठ-1 ध्वनि (कविता)	3
पाठ-2 लाख की चूड़ियाँ	4
पाठ-3 बस की यात्रा	4
पाठ-4 चिट्ठियों की अनूठी दुनिया	3
व्याकरण विलोम शब्द (1-35)	1
पर्यायवाची शब्द (1-15)	1
वाक्यांश (1-14)	1
समरूपी भिन्नार्थक शब्द (1-14)	1
मुहावरे (1-20)	2
अनेकार्थक (1-9)	1
अपठित गद्यांश	2
अनुच्छेद लेखन - महत्त्व से संबंधित	2
पत्र लेखन- प्रधानाचार्य को प्रार्थना पत्र	2

सीखने के प्रतिफल (Learning Outcomes)

पाठों को पढ़कर अपरिचित परिस्थितियों और घटनाओं की कल्पना करेंगे और उन विचारों को मौखिक या लिखित भाषा में लिखने में सक्षम होंगे। मुहावरो, पर्यायवाची शब्द तथा नए सीखे शब्दों का प्रयोग अपनी भाषा में करेंगे।

Distribution of Marks

कुल अंक : 50

व्याकरण : 30

साहित्य : 20

**(April - Sept)
PERIODIC TEST - II**

Note : Syllabus of P-T.I. will be included in PT-2

Topics	No. of Periods
पाठ-6 भगवान के डाकिए (कविता)	3
पाठ-7 क्या निराश हुआ जाए	3
पाठ-8 कबीर की साखियाँ	3
पाठ-9 कामचोर	3
व्याकरण-विलोम शब्द (36-70)	1
पर्यायवाची शब्द (16-30)	1
वाक्यांश (15-27)	1
अनेकार्थक शब्द (10-18)	1
समरूपी भिन्नार्थक शब्द (15-28)	2
संधि (स्वर, दीर्घ)	3
समास (अव्ययीभाव, कर्म तत्पुरुष)	3
मुहावरे (21-39)	2
लोकोक्तियाँ (1-8)	1
अपठित गद्यांश	2
विज्ञापन लेखन	2

अनुच्छेद लेखन-स्वतन्त्रता सेनानियों से संबंधित	2
पत्र- संगे संबंधियों को	2
अनुमान और कल्पना-किसी घटना, अनुभव या दृश्य का वर्णन	
Book Reading —भारत की खोज (पाठ 1 से 6)	

सीखने के प्रतिफल (Learning Outcomes)

पाठों को पढ़कर आपस में चर्चा करेंगे। संवेदनशील मुद्दों जैसे जाति, रंग, रीति-रिवाजों के बारे में आपस में तथा अध्यापक से चर्चा करेंगे। मुहावरों लोकोक्तियों का प्रयोग निबंध, पत्र लिखते समय करेंगे।

Distribution of Marks

कुल अंक : 80

व्याकरण : 50

साहित्य : 30

(Sept. to Dec)

PERIODIC TEST - III

Note : Grammar topics of PT-1 and PT-2 will be included.

Topics	No. of Periods
पाठ-8 यह सबसे कठिन समय नहीं (कविता)	3
पाठ-11 जब सिनेमा ने बोलना सीखा	3
पाठ-13 जहाँ पहिया है	3
पाठ-14 अकबरी लोटा	4
व्याकरण विलोम शब्द (71-106)	1
पर्यायवाची शब्द (31-45)	1
वाक्यांश (28-40)	1

अनेकार्थक शब्द (19-27)	1
समरूपी भिन्नार्थक शब्द (29-42)	1
वाच्य (परिभाषा तथा भेद)	2
संधि (वृद्धि, यण)	4
समास (करण, अपादान, सप्रदान तत्पुरुष)	3
मुहावरे (40-55)	2
लोकोक्तियाँ (9-16)	1
अपठित गद्यांश	2
अनुच्छेद लेखन—विद्यार्थी जीवन से संबंधित	2
पत्र- संपादकीय पत्र	2

सीखने के प्रतिफल (Learning Outcomes)

अपने परिवेश की घटनाओं के बारे में चर्चा करेंगे। अपनी कल्पना को प्रभावी ढंग से लिखेंगे। सामाजिक मुद्दों को ध्यान में रखते हुए पत्र, नोट, अनुच्छेद, लिखेंगे। वाक्यांश, पर्यायवाची आदि शब्दों का प्रयोग अपने लेखन में करेंगे।

Distribution of Marks

कुल अंक : 50

व्याकरण : 30

साहित्य : 20

(Dec. to March)
ANNUAL EXAMINATION

Note : Syllabus of PT.3 and all grammar topics of PT-1 and PT-2 will be included in Annual Examination.

	No. of Periods
पाठ-1 ध्वनि (कविता)	1
पाठ-2 लाख की चूड़ियाँ	1
पाठ-10 कामचोर	1
पाठ-15 सूरदास के पद	3
पाठ-16 पानी की कहानी	3
पाठ-17 बाज और साँप	3
पाठ-18 टोपी	4
व्याकरण विलोम शब्द (107-139)	2
पर्यायवाची शब्द (46-67)	2
वाक्यांश (41-50)	1
अनेकार्थक शब्द (28-36)	1
समरूपी भिन्नार्थक शब्द (43-54)	1
वाच्य परिवर्तन	2
संधि (अयादि)	2
समास (अधिकरण, संबंध तत्पुरुष)	2
पद परिचय	2
मुहावरे (56-73)	1
लोकोक्तियाँ (17-23)	1
अलंकार (परिभाषा तथा भेद)	2

विज्ञापन लेखन	2
अपठित गद्यांश	1
अनुच्छेद लेखन-आधुनिक जीवन की समस्याओं से संबंधित	2
पत्र- प्रशासन के अधिकारी को	2
अनुमान और कल्पना-किसी घटना, दृश्य, अनुभव का वर्णन	
Book Reading —भारत की खोज (पाठ-7 से 9)	

सीखने के प्रतिफल (Learning Outcomes)

हिन्दी साहित्य के कवियों के बारे में जानकारी प्राप्त करेंगे ।
नैतिक मूल्यों को जीवन में अपनाएँगे । विभिन्न पठन सामग्रियों में प्रयुक्त शब्दों, मुहावरों, लोकोक्तियों, संधि, समास शब्दों का अर्थ समझेंगे तथा इनका प्रयोग लिखते समय अपनी भाषा में करेंगे ।

Distribution of Marks

कुल अंक : 80

व्याकरण : 50

साहित्य : 30

COMPUTER

(April - May)

PERIODIC TEST - I

Sr. No.	Name of Chapter	Learning Outcomes	No. of Periods
1.	L-1 Computer Networking	Students will be able to : * Understand the concept of networking. * Use different network terminologies. * List various types of networks. * Describe different types of topologies. * Explain network architecture.	4
2.	L-3 Introduction to Adobe Photoshop CC	* Open Adobe Photoshop CC. * Describe components of Adobe Photoshop CC Interface. * Create a New document. * Open an image in Photoshop. * Use different tools. * Save and close a file.	4
3.	L-3 More on Photoshop CC	* Create layers in Photoshop * Use different Painting, Retouching, Drawing and Navigation tools in Photoshop.	4

Distribution of Marks

Written: 25

**(July-Sept.)
PERIODIC TEST -2**

Note : Syllabus of P.T. -1 will be included in P.T. 2

Sr. No.	Name of Chapter	Learning Outcomes	No. of Periods
1.	L-4 Lists and Tables in HTML	Students will be able to : * Create an ordered, unordered and definition list * Easily create a table in HTML.	5
2.	L-5 Images, Links and Frames in HTML	* Insert an Image. * Create marquee. * Link different web pages. * Add frames in HTML.	5

Distribution of Marks

Written : 30

Practical : 20

Total : 50

**(Sept. - Dec)
PERIODIC TEST -3**

Sr. No.	Name of Chapter	Learning Outcomes	No. of Period
1.	L-6 Python and Functions	Students will be able to : * Use looping statements, jump statements and range () function. * Create functions in Python.	4
2.	L-7 Computer Safety & Security	*Understand the importance of cleaning the computer System. * List some authentication procedures. * Backup the important files. * Describe the importance of antivirus software.	3
3.	L-8 Google Apps	* Use different Google Apps. * Understand the use of Google Drive. * Access Google Maps. * Upload a video on YouTube.	3

Distribution of Marks

Written : 25

(Dec-March)
ANNUAL EXAMINATION
Note : Syllabus of P.T. -3 will be included.

Sr. No.	Name of Chapter	Learning Outcomes	No. of Periods
1.	L-9 App Development	Students will be able to : * Describe different types of Applications. * Download and install an app.	6
2.	L-10 Latest Technological Developments	* Understand the concept of Artificial intelligence. * Differentiate between AR and VR * Describe the major 3D printing applications.	6

Distribution of Marks

Written : 30

Practical : 20

Total : 50