

M.D DAYANAND MODEL SCHOOL, NAKODAR

KNOWLEDGE • DISCIPLINE • EXCELLENCE

SYLLABUS

— **TERM-1** —

CLASS 3rd TO 12th

— SESSION: 2026-27 —

— LEARN • GROW • SUCCEED —

M. D. Dayanand Model School, Nakodar



CLASS -3rd
Term -1 Syllabus

Punjabi

ਪਾਠ 1 ਕਵਿਤਾ ਉਚਾਰਨ

ਪਾਠ 2 ਸੱਚ ਬੋਲਣ ਦੀ ਸਿੱਖਿਆ(Full)

ਪਾਠ 3 ਸਰਦ ਰੁੱਤ ਤੋਂ ਪਹਿਲਾਂ (Full)

ਪਾਠ 4 ਵੱਖ ਵੱਖ ਲੋਕ ਖੇਡਾਂ ਗਤੀਵਿਧੀ

ਪਾਠ 5 ਤਿੰਨ ਮੱਛੀਆਂ (Full)

ਪਾਠ 6 ਕੁਦਰਤੀ ਸ੍ਰੋਤ ਸੂਰਜ (Full)

ਵਿਆਕਰਨ--ਲੇਖ ਮੇਰਾ ਮਿੱਤਰ/ਸਹੇਲੀ ,ਚੰਗਾ ਬੱਚਾ

ਲਿੰਗ ਬਦਲੇ ਸ਼ੇਰ ਤੇ ਸਹੁਰਾ ਤੱਕ ,ਵਚਨ ਬਦਲੇ ਘੋੜਾ ਤੇ ਕਲਮ ਤੱਕ ,ਵਿਰੋਧੀ ਸ਼ਬਦ ਅਮੀਰ ਤੇ ਸੁਖੀ ਤੱਕ ,ਅਸੁੱਧ ਸੁੱਧ 1
ਤੇ 10 ਤੱਕ ,ਚਿੱਤਰ ਵਰਣਨ ,ਅਣਡਿੱਠਾ ਪੈਰਾ

GK --- Page- 1,4,6,10,11,12,13,14,17,19,22,23,24,27,28,29,30

Science

Chapter 1- My Body

Chapter 2-Plant Around Us

Chapter 3-Leaf

Chapter 4-Importance of Plants

Chapter 5-Animals

Maths

Unit 1 - Numbers up to 9999

Unit 2 - Addition

Tables - 2 to 10

Unit 3 - Subtraction

Unit 4 - Multiplication

Roman Numbers - 1 to 50

Unit 7 - Money

Worksheets: 1, 2, 3, 5, 6, 7, 8

Unit 8 - Length

Art --Page no 1,2,3,4,5,6,7,8,9,10

English Reading:

- Unseen passage

Writing:

- Picture Composition
- Paragraph Writing
- Application/ Informal Letter

Grammar:

- i. Naming Words
- ii. How many
- iii. Replacing Words
- iv. Describing Words

Reader Book:

- i. Dolphins
- ii. Canary
- iii. At the Zoo (Poem: Only for reading)
- iv. Ostrich and The Hedgehog
- v. The God of River
- vi. Minu and Dino (Comprehension)
- vii. Trees are the kindest Things I know (Poem)

Hindi --पाठ्य पुस्तक --भाषा माधुरी+ भाषा अभ्यास

पाठ - 3 हाथी और चिड़िया

पाठ - 5 बहादुर दोस्त

पाठ- 6 घमंडी मक्खी

पाठ- 7 दादा जी

पाठ -8 अगर पेड़ भी चलते होते

अपठित गद्यांश, अनुच्छेद, चित्र वर्णन, पत्र, प्रार्थना पत्र।

Social Science

Ch - 1 The Family

Ch - 2 Families Similarities (For reading only)

Ch - 3 Our food

Ch - 4 Our dresses

Ch - 5 Early man

Ch - 6 Learning about works

Ch - 7 If you believe you can you will

Chapters including - Back exercise, case based questions, comprehension, map skill, extra questions, diagram, keywords, dictation words

M.D.DAYANAND MODEL SCHOOL, NAKODAR



Class- 4th Term-1 Syllabus

SCIENCE

Chapter-1 My Body
Chapter2- Plants
Chapter 3- Flowers and Fruits
Chapter 4- Plant Around Us
Chapter 5- Birds- Beaks and Claws

HINDI

पाठ्य पुस्तक -भाषा माधुरी+ भाषा अभ्यास

पाठ – 1 फैलती चप्पले

पाठ – 2 उल्टा पुल्टा

पाठ - 3 अनोखा ढंग

पाठ- 4 मित्रता

पाठ- 6 पहली बारिश

पाठ - 7 दादी का रेडियो

पाठ - 8 किस्से कहावतों की दुनिया

SOCIAL SCIENCE

Ch-1 The Family relationships
Ch-2 Sensitivity towards others (Only for reading)
Ch-3 Celebrating our diversity
Ch-4 An ideal home
Ch-5 Bricks and Bridges
Ch-6 Waste Management
Ch-7 The work we doing (including Back Exercise, Dictation words, keywords, Extra Questions, Map skill, Comprehension and Diagram.

MATHEMATICS

Unit 1 : Numbers up to 999999

Unit 2 – Addition and Subtraction

Unit 3 : Multiplication

Unit 5: Length

Unit 10: Angles

Unit 11 Perimeter

ਵਿਆਕਰਣ ਅਧਿਐਨ ਗਦ੍ਯਾਂਸ਼,
ਅਨੁਚਛੇਦ, ਚਿਤ੍ਰ ਵਰ੍ਣਨ, ਪਤ੍ਰ, ਪ੍ਰਾਰਥਨਾ ਪਤ੍ਰ।

PUNJABI

ਪਾਠ-1 ਕਾਵਿ ਸਤਰਾਂ

ਪਾਠ -2,3,5,6 (full)

ਪਾਠ -4 (ਬੋਲਣ ਕੋਸ਼ਲ)

ਲੇਖ - ਸਾਡੇ ਮਾਤਾ ਪਿਤਾ, ਕਰੋਨਾ
ਮਹਾਂਮਾਰੀ

ਅਰਜ਼ੀ - ਜ਼ਰੂਰੀ ਕੰਮ ਦੀ ਛੁੱਟੀ

ਬਿਮਾਰੀ ਦੀ ਛੁੱਟੀ

ਅਸ਼ੁੱਧ ਸ਼ੁੱਧ - (ਦੈਨਿਕ ਤੋਂ ਲਾਭ ਤੱਕ)

ਵਿਰੋਧੀ ਸ਼ਬਦ (ਉੱਚਾ ਤੋਂ ਪੇਲਾ ਤੱਕ)

ਵਚਨ ਬਦਲੇ ਪੰਨਾ ਨੰ 64, 65

ਲਿੰਗ ਬਦਲੇ (ਪੰਨਾ ਨੰ - 58)

ਚਿੱਤਰ ਵਰਣਨ

ਅਣਡਿੱਠਾ ਪੈਰਾ

ART

Page No.- 1,2,3,4,5,6,7,8,9,10

Unit 14 Fun with Patterns

Tables 2 to 15

Roman numbers 1 to 50

ENGLISH

Reading -Unseen passage

Writing

Picture Composition

Paragraph Writing

Application/ Letter Writing

Grammar

1. Naming Words

2. Gender

3. Pronouns

4. Prepositions

5. Describing Words

6. Determiners

Reader Book

1. A True Friend

2. Mix Up at Birth

3. Travel Plans

4. Jungle Safari

G.K

PageNo:1,2,6,7,8,10,11,12,13,17

19,21,22,25,26,27,28,31,33



SYLLABUS
Class - 5th
Term - 1st

SCIENCE - Chapter –1(My Body) - Chapter -2 (Plants) - Chapter -3 (Forests) - Chapter -4(Animals-Our Friends) - Chapter -5(Food and Health) - Chapter-6(Spoilage and Wastage of food and food preservation)	SOCIAL SCIENCE - Ch-1 Importance of family - Ch-2 Human Migration - Ch-3 Variation in Shelters - Ch-4 Sensitivity towards others - Ch-5 Community Services - Ch-6 Leisure Time - Ch-7 Changing trends in Occupation (only for activity)
MATHEMATICS Unit 1 : Numbers up-to 99,99,99,999 Unit 2 : Operations on Large Numbers Unit 3 : Multiples and Factors Unit 5: Decimals Unit 14: Bills Unit 16: Triangles Unit 6 : Addition and Subtraction of Decimal Numbers Unit 10 : Averages Unit 17 : Data Handling	ENGLISH *READING* -Unseen comprehension passage *WRITING* Paragraph Writing Letter Writing (Application and informal letter) Diary Entry Notice Writing *GRAMMAR* - Noun - Determiners - Degrees of Comparisons - Apostrophe - Verbs *READER BOOK* - Monday Morning Blues - Tale of a Tail - Adventure of Books (poem) - The Boy who borrowed - Just be up and doing - Limits of Mind
HINDI पाठ्य पुस्तक -भाषा माधुरी+ भाषा अभ्यास पाठ – 1 दिमागी लड़ाई पाठ – 2 लौह पुरुष पाठ - 3 पेड़ पाठ- 5 दो पहलवान पाठ- 6 नदी यहाँ पर पाठ - 8 टपके का डर पाठ - 9 अजंता की सैर रचनात्मक लेखन कार्य, व्याकरण - चित्र वर्णन,संवाद ,अपठित गद्यांश, पठित गद्यांश / काव्यांश अनुच्छेद,पत्र,प्रार्थना पत्र।	PUNJABI ਪਾਠ-1 ਕਵਿਤਾ(ਸਾਰ) ਪਾਠ -2,3,5,7 (full) ਪਾਠ -4 (ਕਾਵਿ-ਟੁਕੜੀ ਤੇ ਸ਼ਬਦ-ਅਰਥ) ਪਾਠ-6 ਅਲੈਗਜੈਂਡਰ ਗ੍ਰਾਹਮ ਬੈੱਲ (ਕੇਵਲ ਪੜ੍ਹਨ ਕੇਸਲ ਲਈ) ਲੇਖ - ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ, ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ। ਅਰਜੀ - ਸੈਕਸ਼ਨ ਬਦਲਣ ਲਈ ਬਿਨੈ-ਪੱਤਰ। ਜੁਰਮਾਨਾ ਮੁਆਫ਼ੀ ਲਈ ਬਿਨੈ-ਪੱਤਰ। ਅਸ਼ੁੱਧ ਸ਼ੁੱਧ-ਪੰਨਾ ਨੰ:82 ਪਹਿਲੀ ਸਤਰ (ਅਕਾਸ਼ ਤੋਂ ਬਾਜਾ ਤੱਕ) ਵਿਰੋਧੀ ਸ਼ਬਦ- ਪੰਨਾ ਨੰ:72 ਪਹਿਲੀ ਸਤਰ (ਦਾਤਾ ਤੋਂ ਅੰਨ੍ਹਾ ਤੱਕ) ਵਚਨ ਬਦਲੇ- ਪੰਨਾ ਨੰ:65 (ਸੇਟਾ ਤੋਂ ਤਿਤਲੀ ਤੱਕ) ਲਿੰਗ ਬਦਲੇ-ਪੰਨਾ ਨੰ:57,58 ਪਹਿਲੀ ਸਤਰ (ਮਾਮਾ ਤੋਂ ਵਿਦਿਆਰਥੀ ਤੱਕ) ਮੁਹਾਵਰੇ- (ਇੱਕ ਤੋਂ ਦਸ) ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ-(ਪਹਿਲੇ ਪੰਦਰਾਂ) ਚਿੱਤਰ ਵਰਣਨ ਅਣਡਿੱਠਾ ਪੈਰੂ

ART

Page No.:- 1,2,3,4,5,6,7,8,9,10.

NATIK SHIKSHA

पाठ 1 से 6 तक

1से 5 तक आर्य समाज के नियम

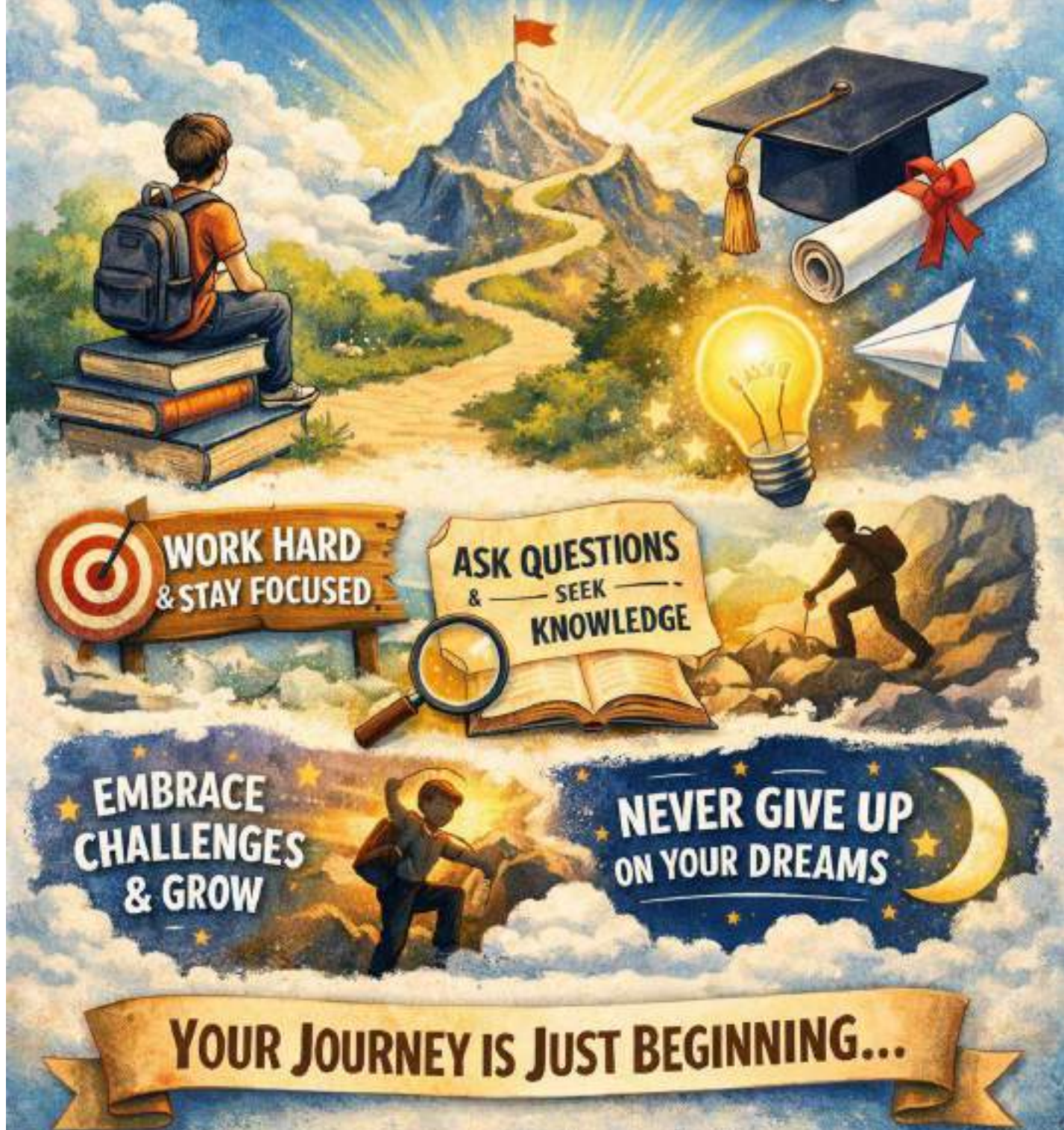
GENERAL KNOWLEDGE

G.K. Syllabus

Page No.:- 1,2,3,4,6,7,8,11,12,13,14,
15,16,17,18,19,20,21,23,24,25,26,27,28,29,30,31.

Believe in Yourself

**YOU ARE CAPABLE OF
AMAZING THINGS!**





PUNJABI

ਪਾਠ-ਪੁਸਤਕ - ਨਵੀਂ ਨੁਹਾਰ

ਪਾਠ -2 ਬੁੱਧੀਮਾਨ ਬਜ਼ੁਰਗ

ਪਾਠ -5 ਚਾਰ ਲਕੀਰਾਂ

ਪਾਠ- 8 ਅਪੰਗ

(ਵੱਡੇ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ, ਕਿਸ ਨੇ ਕਿਸ ਨੂੰ ਕਿਹਾ)

ਪਾਠ-3 ਪ੍ਰਵਾਸੀ ਪੰਛੀ

ਪਾਠ -6 ਰੈਂਡ ਕਰਾਸ

(ਸ਼ਬਦ ਅਰਥ,ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਉੱਤਰ)

ਪਾਠ -1 ਪ੍ਰਣ,

ਪਾਠ-4 ਦਾਦੀ ਦੀ ਸਿਫਤ

(ਕੇਂਦਰੀ ਭਾਵ/ਸਾਰ ,ਕਾਵਿ-ਟੁਕੜੀ)

ਪਾਠ -9 ਕਵਿਤਾ (ਕਾਵਿ -ਟੁਕੜੀ)

ਪਾਠ-7 ਨਿਊਟਨ (ਕੇਵਲ ਪੜ੍ਹਨ ਲਈ)

ਪੰਜਾਬੀ ਵਿਆਕਰਨ

* ਲਿੰਗ ਬਦਲੇ (ਪੰਨਾ ਨੰ:51,52) ਕੁੱਕੜ ਤੋਂ ਸੂਤ ਤੱਕ

ENGLISH

***Reading* -Unseen comprehension passage**

Writing

Notice Writing ,

Diary Entry

Paragraph Writing ,

Informal Letter Writing

Grammar

1. Putting it together

2. Regular and Irregular verbs

3. Determiners

4. Subject verb agreement

5. Tenses (Part-1)

Reader Book

1. How Daddy decided what he wanted to be

2. The White Elephant

3. My experiment with truth

4. Leisure (poem)

5. Today and tomorrow (poem)

6. The Helpful young man

- * ਵਚਨ ਬਦਲੇ(ਪੰਨਾ ਨੰ:59,60 ਘੋੜਾ ਤੋਂ ਮਿੱਲ ਤੱਕ)
- * ਵਿਰੋਧੀ ਸ਼ਬਦ (ਪੰਨਾ ਨੰ:98) ਅੰਦਰ ਤੋਂ ਘੱਟ ਤੱਕ
- * ਅਸੁੱਧ-ਸੁੱਧ (ਪੰਨਾ ਨੰ:91 ਅਹੁਦਾ ਤੋਂ ਘੋੜਾ ਤੱਕ
- * ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ (ਪੰਨਾ ਨੰ:112,113) (1 ਤੋਂ 25)
- * ਅਗੇਤਰ (ਪੰਨਾ ਨੰ: 103 (1 ਤੋਂ 15 ਤੱਕ)
- * ਮੁਹਾਵਰੇ (1 ਤੋਂ 10)
- * ਲੇਖ ਰਚਨਾ
- * ਵਿਸਾਖੀ ।
- * ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ।
- * ਵਿਗਿਆਨ ਦੇ ਲਾਭ ਹਾਨੀਆਂ
- ਅਰਜੀ/ਪੱਤਰ - 1 ਮੁੱਖ ਅਧਿਆਪਕ ਜੀ ਨੂੰ ਸੈਕਸ਼ਨ ਨਾ ਬਦਲਣ ਲਈ ਬਿਨੈ-ਪੱਤਰ।
- 2. ਮੁੱਖ ਅਧਿਆਪਕ ਜੀ ਨੂੰ ਜਮਾਤ ਦੇ ਕਮਰੇ ਦੀ ਹਾਲਤ ਸੁਧਾਰਨ ਲਈ ਬਿਨੈ-ਪੱਤਰ।
- 3. ਮੁਹੱਲੇ ਦੀ ਸਫ਼ਾਈ ਬਾਰੇ ਨਗਰ ਪਾਲਿਕਾ ਦੇ ਪ੍ਰਧਾਨ ਨੂੰ ਬਿਨੈ-ਪੱਤਰ।
- *ਅਣਡਿੱਠਾ ਪੈਰਾ ।
- *ਚਿੱਤਰ ਵਰਣਨ ।

हिन्दी

(पाठ्यपुस्तक=ज्ञान सागर+ अभ्यास सागर)

पाठ 1 साथी हाथ बढ़ाना

पाठ 2 चिट्ठी के अक्षर

पाठ 3 बरसते जल के रूप अनेक

पाठ 4 पुरस्कार

पाठ 6 अनोखा वरदान

पाठ 7 सुंदरलाल

SCIENCE

Chapter 1 - Our Environment

Chapter 6 - Measurement and Motion

Chapter 3 - Nature of matter

Chapter 14 - Fabric from fibre

Chapter 7- The world of living

पाठ 9 दोहे

रचनात्मक लेखन कार्य- अनुच्छेद, पत्रलेखन
(औपचारिक /अनौपचारिक), सूचना , चित्र वर्णन,
संवाद, अपठित गद्यांश, पठित काव्यांश/ गद्यांश

Chapter 10 - Work and energy

Chapter 12 - light and shadow

Social Science

Ch-1 The planet Earth and the Solar system
Ch-2 Representation of the Earth
Ch-3 Locating places on the Earth
Ch-8 Studying the Past
Ch-9 Life of an Early Man
Ch-10 Development of Civilization
Ch-11 Iron Age of Civilization
Ch-21 Our Community Life:Unity in diversity
Ch-22 Democracy and government

MATHS

Chapter 1: Natural Numbers & Whole Numbers
Chapter 2: Factors & Multiples
Chapter 3: Integers
Chapter 8: Basic Geometrical Concepts
Chapter 9: Line Segment
Chapter 10: Angles
Chapter 11: Transversal & Pairs of Lines
Chapter 16 : Statistics

GK

1. Language & Literature –
Pg no. 1,4,6,8,9,10
2. Environment Around-
Pgno.15,16,17,18,19,20,21,22,23,24,25,26,27
3. World Around-
Pg no. 32,34,35,36,37,38,39,40

ART

Pg. No. - 1 to 10



Term 1 Syllabus

Session 2026-27

Class 7th



Hindi

(पाठ्यपुस्तक -ज्ञान सागर+ अभ्यास सागर)

पाठ 1 बारहमासा

पाठ 2 नाटक में नाटक

पाठ 3 निर्मला साँप व सयाल

पाठ 4 बातूनी

पाठ 6 समय

पाठ -8 एवरेस्ट एक चुनौती

पाठ 9 सवाल का जवाब

रचनात्मक लेखन कार्य- अनुच्छेद, पत्रलेखन (औपचारिक /अनौपचारिक), सूचना , चित्र वर्णन, संवाद, अपठित गद्यांश, पठित काव्यांश/गद्यांश।

Social Science

Ch-1 Components of the Environment

Ch-2 The Earth and Changes on it

Ch-3 The Surface and interior of the Earth

Ch-4 Air Around us (Only for case based)

Ch-9 Medieval Period

Ch-10 The Rise of small kingdoms in North India

Ch- 12 Turkish Invasion

Ch-13 Delhi Sultanate

Ch-18 Democracy and Equality

Ch-19 Our State Government

Ch-20 Media:The mainstay of Democracy

Map skill:- ch-1 world map,ch-9 and ch-13

Science

Ch-1 (Nutrition in living organisms- Plants)

Ch- 14 (Fabric from fibre)

Ch- 6 (Motion and Time)

Ch- 3 (Chemical Substances and Processes)

Ch- 7 (Respiration in Organisms)

Ch- 11 (Electric Charges at Rest)

Ch- 16 (Water)

Maths

Chapter 1: Rational Numbers

Chapter 2: Operations on Rational Numbers

Chapter 3:Rational Numbers as Decimals

Chapter 4:Exponents and Powers

Chapter 5:Application of Percentages

Chapter 12 :Data Handling

English

Reading Section (10+10=20)

1. One unseen passage to assess comprehension, interpretation, analysis, inference and vocabulary. (10)
2. One unseen case-based factual passage with verbal/visual inputs like statistical data, charts etc. to assess comprehension, interpretation, analysis, inference and evaluation. (10)

Writing Skills

Paragraph Writing
Informal Letter/Report
Notice Writing
Diary Writing

Grammar

Articles
The Sentence
The Compound Sentence
Phrases and Clauses
Transitive and Intransitive Verbs
Modals

YLiterature

Monkey Trouble
Birdie, Will you pet? (Poem)
A Hero
Fight, Manju, Fight
I Dream a World (Poem)
Stone Soup in Bohemia

Punjabi

ਪਾਠਕ੍ਰਮ

ਇਕਾਈ ਪਹਿਲੀ

ਪ੍ਰਸਤੁਤ ਨਵੀਂ ਨੁਹਾਰ: ਪਾਠ- 3, 9 (ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਉਤਰ ਤੇ ਸ਼ਬਦ ਅਰਥ), ਪਾਠ- 2, 5, 8 (ਵੱਡੇ ਪ੍ਰਸ਼ਨ-ਉਤਰ ਤੇ ਕਿਸ ਨੇ ਕਿਸਨੂੰ ਕਿਹਾ), ਪਾਠ-1, 7 (ਕਾਵਿ-ਟੁਕੜੀ), ਪਾਠ-4 (ਕੇਂਦਰੀ ਭਾਵ)

ਲੇਖ- ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ, ਪ੍ਰਦੂਸ਼ਣ ਦੀ ਸਮੱਸਿਆ

ਅਰਜ਼ੀ/ਪੱਤਰ- ਜੁਰਮਾਨਾ ਮੁਆਫੀ, ਮਿੱਤਰ ਜਾਂ ਸਹੇਲੀ ਨੂੰ ਪਾਸ ਹੋਣ ਦਾ ਵਧਾਈ ਪੱਤਰ, ਪਿਤਾ ਜੀ ਨੂੰ ਇਮਤਿਹਾਨਾਂ ਬਾਰੇ ਪੱਤਰ।

ਵਿਆਕਰਨ- ਲਿੰਗ ਬਦਲੇ (ਪੰਨਾ-57-58), ਅਸ਼ੁੱਧ-ਸ਼ੁੱਧ (ਪੰਨਾ-37-39), ਅਗੇਤਰ (1-20), ਮੁਹਾਵਰੇ (1-20), ਵਿਸਰਾਮ ਚਿੰਨ੍ਹ (ਪਹਿਲੇ ਛੇ), ਵਿਰੋਧੀ ਸ਼ਬਦ (100-101), ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਥਾਂ ਇੱਕ ਸ਼ਬਦ (1-20) ਅਣਡਿੱਠਾ ਪੈਰਾ, ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ, ਤਸਵੀਰ ਵਰਨਣ।

ਨੈਤਿਕ शिक्षा-

ਪਾਠ 1 ਤੋਂ 6

ਆਰਧ ਸਮਾਜ ਦੇ ਨਿਯਮ 1-5

G.K

Page no. -:

2,3,5,6,8,9,11,12,17,18,19,21,22,
23,24,26,27,28,29,31,32,33,34,35,
36,37,38,39,40

Art

Page no:-

1,2,3,4,5,6,7,8,9

M.D.Dayanand Model School,Nakodar

Half Yearly Syllabus Session 2026-27

Class–8th

SCIENCE

Biology	Ch- 1 (The cell-Its structure and functions) Ch- 2 (Microorganisms: Friends and Foes) Ch- 8 (Conservation of plants and animals) (For Sub. Enr. Act.)
Chemistry	Ch-6 (Sources of Energy) Ch- 7 (Combustion) Ch-19 (Pollution of Air) (For Sub. Enr. Act.)
Physics	Ch- 4 (Force and Pressure) Ch- 11 (The Human Eye) Ch- 12 (Sound) Ch- 17 (Stars and Solar System) (For Sub. Enr. Act.)

MATHS

1. Squares and square roots
2. Cubes and cube roots
3. Exponents and radicals
4. Direct and Inverse Variation
5. Compound Interest
6. Linear equations in one variable
7. Introduction to graphs
8. Statistics and probability

SOCIAL SCIENCE

Geography

Chapter-1Resources:Utilisation and Development

Chapter-2.Natural resources:Land,Soil and Water

Chapter-5 Agriculture

History

Chapter-8Modern period

Chapter- 10 Colonialism:

Rural and Tribal Societies

Chapter-11The first war of Independence 1857

PoliticalScience

Chapter-16 Our Constitution

Chapter-17 Fundamental Rights,Fundamental Duties and
Directive Principles

Map Skills:-Ch-2,5,10,11

ENGLISH

Literature	Writing Skills	Grammar
(Prose) ✓ Three Questions ✓ Father's Help ✓ The Luncheon (Poems) ✓ Granny's Tree Climbing (Poem) ✓ My Mother (Poem) ✓ The Children's Song (Poem)	✓ Notice Writing ✓ E-mail Writing ✓ Letter to Editor ✓ Speech Writing	✓ Tenses ✓ Narration ✓ Modals ✓ Subject-Verb Agreement ✓ Clauses and Complex Sentences

HINDI

पाठ्यपुस्तक -(ज्ञान सागर व अभ्यास सागर)

पाठ 1 हम पंछी उन्मुक्त गगन के (कविता)

पाठ 2 असल धन

पाठ 3 अच्छे पड़ोसी के गुण

पाठ 4 दोपहरी(कविता)

पाठ 6 आश्रम के अतिथि और संस्मरण

पाठ 7 अन्याय के खिलाफ़ लड़ाई

पाठ 8 दोहे

पाठ 10 बातचीत की कला

अपठित गद्यांश

व्यावहारिक व्याकरण--ज्ञान सागर अभ्यास सागर पर आधारित

रचनात्मक लेखन--अनुच्छेद लेखन, पत्र लेखन (औपचारिक,

अनौपचारिक), सूचना लेखन, संवाद लेखन

PUNJABI

ਪ੍ਰਸਤਕ ਨਵੀਂ ਨੁਹਾਰ: ਪਾਠ- 3 (ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਤੇ ਸ਼ਬਦ ਅਰਥ), ਪਾਠ- 2, 5, 8 (ਵੱਡੇ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ ਤੇ ਕਿਸ ਨੇ ਕਿਸਨੂੰ ਕਿਹਾ), ਪਾਠ-1, 7 (ਕਾਵਿ-ਟੁੱਕੜੀ), ਪਾਠ-1, 4 (ਸਾਰ)

ਲੇਖ- ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ, ਵਿਦਿਆਰਥੀ ਅਤੇ ਅਨੁਸ਼ਾਸਨ, ਮੋਬਾਈਲ ਦੇ ਲਾਭ ਹਾਨੀਆਂ

ਅਰਜ਼ੀ/ਪੱਤਰ- ਜੁਰਮਾਨਾ ਮੁਆਫੀ, ਮਿੱਤਰ ਜਾਂ ਸਹੇਲੀ ਨੂੰ ਪਾਸ ਹੋਣ ਦਾ ਵਧਾਈ ਪੱਤਰ, ਛੱਤਬੀੜ ਜਾਣ ਦੀ ਆਗਿਆ ਲੈਣ ਲਈ।

ਵਿਆਕਰਨ- ਅਸ਼ੁੱਧ-ਸ਼ੁੱਧ (ਪੰਨਾ-83-85), ਅਗੇਤਰ (1-15), ਪਿਛੇਤਰ (1-15), ਮੁਹਾਵਰੇ (ੳ ਤੋਂ ਏ), ਵਿਸਰਾਮ ਚਿੰਨ੍ਹ (ਸਾਰੇ), ਵਿਰੋਧੀ ਸ਼ਬਦ (90-91), ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਥਾਂ ਇੱਕ ਸ਼ਬਦ (112-113), ਬਹੁਅਰਥਕ ਸ਼ਬਦ (117-118), ਅਖਾਣ (1-8), ਅਣਡਿੱਠਾ ਪੈਰਾ, ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁੱਕੜੀ, ਤਸਵੀਰ ਵਰਨਣ।

G.K.

Page no.-

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38,39,43,44,56,58,59,62,63,64,68,69,70,
71,73,74

ART

Step by step book

Page number 1,2,3,4,5,6,7,8.

M.D DAYANAND MODEL SCHOOL, NAKODAR

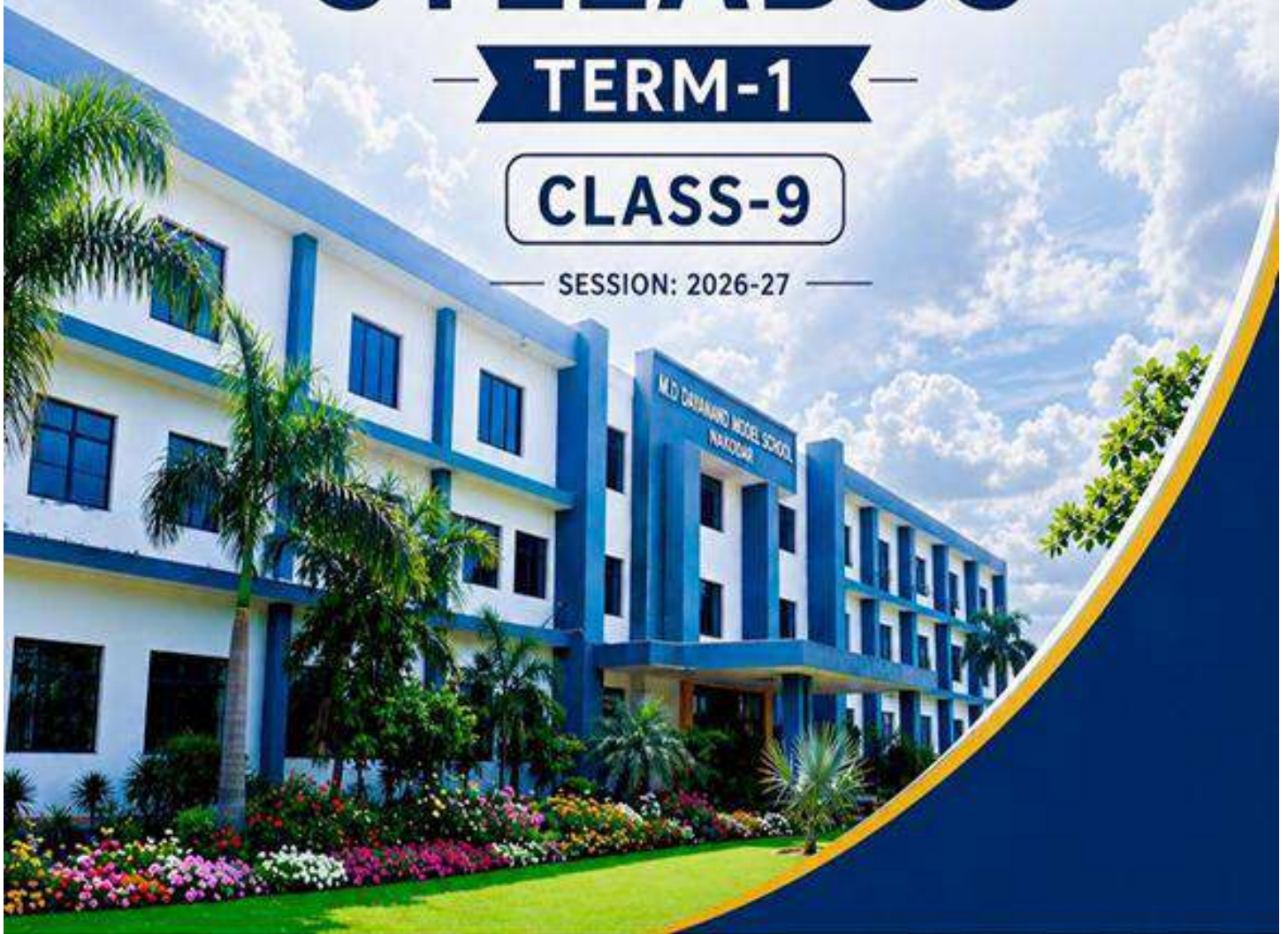
KNOWLEDGE • DISCIPLINE • EXCELLENCE

SYLLABUS

— TERM-1 —

CLASS-9

— SESSION: 2026-27 —



— LEARN • GROW • SUCCEED —



ENGLISH



HINDI



MATHEMATICS



SCIENCE



SOCIAL SCIENCE



COMPUTER

Social Science :

Chapter no.	Chapter name
1	Understanding Social Sciences (<i>Geography</i>)
2	Shaping of the Earth's Surface (<i>Geography</i>)
4	Early Humans and Beginning of Civilization (<i>History</i>)
6	Democracy (<i>Political Science</i>)
7	Elections (<i>Political Science</i>)
8	Building Blocks in Economics : The Problem of Choice (<i>Economics</i>)

History: Identification and Location of Sindhu-Saraswati Civilization – India Political Map

- Harappa
- Kalibangan
- Dholavira
- Lothal
- Mohenjo-daro
- Mehrgarh

Geography:

- Ring of Fire

Major disasters: Locate the states -Indian Political Map

- Landslide
- Avalanche
- Earthquake

Mathematics :

1. Orienting Yourself : The use of coordinates
2. Introduction to linear polynomials
3. The world of numbers
4. Exploring Algebraic Identities
5. Measuring space : Perimeter and Area.

Science :

Chemistry	• Exploring Mixtures and their Separation • Structure of an Atom
Biology	• Cell • Tissues
Physics	• Motion • Force and Laws of Motion

English :

Literature	Writing Skills	Grammar
(Prose) ✓ How I Taught My Grandmother to Read ✓ The Pot Maker ✓ Winds of Change ✓ Vitamin-M (Poems) ✓ Bharat Our Land ✓ Gifts of Grace ✓ Canvas of Soil ✓ I Cannot Remember My Mother	✓ Notice ✓ Letter to Editor ✓ Factual Description ✓ Narrative Essay	✓ Tenses ✓ Modals ✓ Reported Speech • Commands & Requests • Statements • Questions ✓ Subject -Verb Concord

ਪੰਜਾਬੀ:

ਪਾਠ ਪੁਸਤਕ - ਸਾਹਿਤ ਮਾਲਾ :

ਕਾਵਿ ਰਚਨਾਵਾਂ - 1. ਸਮਾਂ

2. ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ

3. ਮੈਂ ਪੰਜਾਬੀ

ਵਾਰਤਕ -

1. ਵਹਿਮੀ ਤਾਇਆ

2. ਮੁੜ ਵੇਖਿਆ ਪਿੰਡ

ਪਾਠ ਪੁਸਤਕ - ਵੰਨਗੀ :

ਇਕਾਂਗੀ - 1. ਮੋਨਧਾਰੀ

ਕਹਾਣੀਆਂ - 1. ਜਨਮਦਿਨ
2. ਸਾਂਝੀ ਕੰਧ

ਵਿਆਕਰਨ - ਲਿੰਗ ਬਦਲੋ , ਵਿਰੋਧੀ ਸ਼ਬਦ , ਵਿਸਮਿਕ , ਕਿਰਿਆ , ਸ਼ਬਦ-ਸ਼ੁੱਧੀ , ਮੁਹਾਵਰੇ , ਲੇਖ ਰਚਨਾ ,
ਪੱਤਰ ਰਚਨਾ , ਤਸਵੀਰ ਵਰਨਣ , ਅਣਡਿੱਠਾ ਪੈਰਾ , ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ ।

Hindi :

ਪਾਠਪੁਸਤਕ ਰੇਕਾ R3

ਪਾਠ 1 ਮੇਰੀ ਭੀ ਆਭਾ ਹੈ ਇਸਮੇਂ (ਕਵਿਤਾ)

ਪਾਠ 2 ਕੰਜੂਸ ਔਰ ਸੋਨਾ (ਲਘੁਕਥਾ)

ਦੋ ਘੜੇ (ਕੇਵਲ ਪਠਨ ਹੇਤੁ)

ਪਾਠ 3 ਸਾਡਕੇਨ

ਪਾਠ 4 ਬਸੰਤੀ ਹਵਾ (ਕਵਿਤਾ)

ਵਹ ਚਲੀ ਹਵਾ (ਕੇਵਲ ਪਠਨ ਹੇਤੁ)

ਵਿਆਕਰਨ-ਪਾਠ ਪੁਸਤਕ ਰੇਕਾ ਦੇ ਅਭਿਆਸ ਕਾਰਜ ਪਰ ਆਧਾਰਿਤ (ਸਮਾਨਾਰਥੀ,ਮੁਹਾਵਰੇ ,ਕਾਲ, ਸੁਰੀਲਿੰਗ-
ਪੁਲਿੰਗ, ਵਿਸ਼ੇਸ਼ਣ -ਵਿਸ਼ੇਸ਼, ਵਿਪਰੀਤ ਸ਼ਬਦ ਅਰਥ ਦੇ ਆਧਾਰ ਪਰ ਵਾਕਯ ਭੇਦ,ਵਿਪਰੀਤ ਸ਼ਬਦ,,ਸਰਵਨਾਮ,ਏਕ ਔਰ
ਅਨੇਕ) ਇਤਿਆਦਿ।

ਲੇਖਨ ਕਾਰਜ--ਲਘੁ ਕਥਾ, ਅਨੌਪਚਾਰਿਕ ਨਿਮੰਤਰਣ/ਸੰਦੇਸ਼,ਸੰਵਾਦ ,ਚਿਤਰ ਵਰਣਨ

IT (Information Technology) :

Part -A

Employability Skills

Unit 1 : Communication Skills-I

Unit 2 : Self-Management Skills-I

Unit 3 : ICT Skills-I

Unit 4 : Entrepreneurial Skills-I

Part - B

Subject Specific Skills

Unit 1: Introduction to IT- ITeS industry

Unit 2: Data Entry & Keyboarding Skills

Unit 3: Digital Documentation

Physical Activity Trainer (PAT) :

EMPLOYABILITY SKILLS: -

Unit 1: Communication skills

Unit 2: Self-management skills

Unit 3: ICT skills

SUBJECT SPECIFIC SKILLS

Unit 1: Role of physical education in child development

Unit 2: Planning age-appropriate physical activities

**SYLLABUS
FOR
CLASS 10TH
HALF-YEARLY
EXAMINATION
SESSION 2026-27**



**M.D. DAYANAND MODEL SCHOOL
NAKODAR**

ENGLISH

Literature (Prose) Two Gentlemen of Verona Mrs. Packletide's tiger The Letter (Poems) The frog and the nightingale Ozymandias The Dear Departed	Grammar Tenses Modals Subject -Verb- Concord Reported speech • Commands & requests • Statements • Questions Clauses • Noun Clause • Adverb Clause • Relative clause Determiners	Writing Skills • Application Writing • Factual Description • Letter to editor • Article writing
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SOCIAL SCIENCE

History	1. Nationalism in India 2. Print Culture and The Modern World
Geography	1. Resources and Development 2. Forest and Wildlife Resources 3. Water Resources
Civics	1. Power sharing 2. Federalism
Economics	1. Development 2. Sectors of the Indian economy

Map skill: -

History- Nationalism in India

Geography: - Ch-1 Resources and Development

Ch-3 Water Resources

PUNJABI

ਜਮਾਤ-ਦੋਸਵੀਂ- ਪਹਿਲੀ ਫ਼ਿਮਾਰੀ

ਪਾਠ-ਪ੍ਰਸਤੁਤਕ- ਸਾਹਿਤ ਮਾਲਾ: ਕਾਵਿ-ਰਚਨਾਵਾਂ- 1. ਸੋ ਕਿਉਂ ਮੰਦਾ ਆਖੀਏ 2. ਕਿਰਪਾ ਕਰਕੇ ਬਖਸ਼ਿ ਲੈਹੁ 3. ਤੂੰ ਮੇਰਾ ਪਿਤਾ

ਤੂੰ ਹੈ ਮੇਰਾ ਮਾਤਾ ਵਾਰਤਕ- 1. ਘਰ ਦਾ ਪਿਆਰ 2. ਬੋਲੀ 3. ਪ੍ਰਾਰਥਨਾ

ਪਾਠ-ਪ੍ਰਸਤੁਤਕ- ਵੰਨਗੀ: ਇਕਾਗੀ- ਜਫ਼ਰਨਾਮਾ ਕਹਾਣੀਆਂ- 1. ਕੁਲਫੀ 2. ਅੰਗ-ਸੰਗ

ਵਿਆਕਰਨ- ਸਮਾਸੀ ਸ਼ਬਦ, ਬਹੁਅਰਥਕ, ਅਗੇਤਰ-ਪਿਛੇਤਰ, ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ, ਮੁਹਾਵਰੇ (ਕ ਤੋਂ ਝ), ਲੇਖ ਰਚਨਾ, ਪੱਤਰ ਰਚਨਾ, ਤਸਵੀਰ ਵਰਨਣ, ਅਣਡਿੱਠਾ ਪੈਰਾ, ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁੱਕੜੀ।

SCIENCE

Chemistry	Ch - 1 (Chemical Reactions and Equations) Ch - 2 (Acids, Bases and Salts) Ch - 3 (Metals and Non-metals) {upto properties of ionic compounds}
Biology	Ch - 5 (Life Processes) Ch - 6 (Control and Coordination)
Physics	Ch - 9 (Light - Reflection and Refraction) Ch - 10 (The Human Eye and The Colourful World)

MATHEMATICS

1. Number system
2. Polynomials
3. Linear equations in two variables
4. Quadratic equations
5. Introduction to Trigonometry
6. Application of Trigonometry
7. Statistics
8. Probability

HINDI

पाठ्यपुस्तक स्पर्श-(गद्य खंड)

- पाठ 1 बड़े भाई साहब
पाठ 2 डायरी का एक पन्ना
पाठ 3 ततारा वामीरो कथा
पाठ 4.तीसरी कसम के शिल्पकार शैलेंद्र

(काव्य खंड)

- पाठ 1 कबीर की साखी
पाठ 2 मीरा के पद
पाठ 3 पर्वत प्रदेश में पावस
पाठ 4 तोप

पाठ्यपुस्तक संचयन-पाठ 1 हरिहर काका, पाठ 2 सपनों के से दिन

व्याकरण--1 पदबंध, 2 रचना के आधार पर वाक्य रूपांतरण 3 समास, 4 मुहावरे,

लेखन कार्य--अनुच्छेद, पत्र लेखन (औपचारिक), सूचना, विज्ञापन, लघु कथा लेखन, ई-मेल, अपठित गद्यांश

PAT

EMPLOYABILITY SKILLS: -

- Unit 1: Communication skills
- Unit 2: Self-management skills
- Unit 3: ICT skills

SUBJECT SPECIFIC SKILLS: -

- Unit 1: Role and responsibility of an early year's physical trainer
- Unit 2: Assessment and evaluation of students

IT

Part -A

Employability Skills

- Unit 1: Communication Skills-I
- Unit 2: Self-Management Skills-I
- Unit 3: ICT Skills-I
- Unit 4: Entrepreneurial Skills-I

Part - B

Subject Specific Skills

- Unit 1: Digital Documentation (Advanced)
- Unit 2: Electronic Spreadsheet (Advanced)



SYLLABUS
HALF YEARLY EXAMINATION

CLASS XI (Science)
Session- 2026-27

ENGLISH

LITERATURE		WRITING SKILLS	GRAMMAR
HORNBILL	SNAPSHOT		
(Prose) ✓ The Portrait of a Lady ✓ "We're Not Afraid to Die... ✓ Discovering Tut:	✓ The summer of beautiful white horse ✓ The address	✓ Note- making ✓ Classified Ad ✓ Poster ✓ Debate ✓ Speech	✓ Tenses ✓ Modals ✓ Clauses
(Poems) ✓ A Photograph ✓ The Laburnum Top ✓ The Voice of the Rain			

BIOLOGY

Chapter 1 - The Living World

Chapter 2 – Biological Classification

Chapter 3 Plant kingdom

Chapter 7- Structural Organization in Animals

Chapter 8- Cell the Unit of Life

Chapter 9- Biomolecules

Chapter 10- Cell Cycle and Cell Division

Chapter 11- Photosynthesis in Higher plants

Chapter 14- Breathing and Exchange of Gases

Chapter 15 Body fluids and circulation

MATHEMATICS

Chapter 1 - Sets

Chapter 2- Relations and functions

Chapter 3 - Trigonometric Functions

Chapter 4 - Complex numbers and quadratic equations

Chapter 5 - Linear Inequalities

Chapter 6 - Permutations and Combinations

Chapter 7- Binomial theorem

Chapter 8 - Sequence and Series

Chapters 11- Introduction to three dimensional geometry

PHYSICS

1. Units and Measurements
2. Motion in a straight line
3. Motion in a plane
4. Laws of motion
5. Work power and energy
6. System of particles and rotational motion

CHEMISTRY

- Ch- 1 Some basic concepts of chemistry
- Ch- 2 structure of atom
- Ch -3 Classification of elements and periodicity in properties
- Ch -4 Chemical Bonding and Molecular Structure
- Ch- 5 Thermodynamics
- Ch- 7 Redox reactions

PHYSICAL EDUCATION

- Unit 1 - Changing trends and career in physical education
- Unit 2 - Olympism value education
- Unit 3 - yoga
- Unit 4 - Physical Education and Sports for children with special needs
- Unit 5 - Physical fitness, wellness and life style

IP

- Unit 1: Introduction to Computer System
- Unit 2: Introduction to Python (Including List and Dictionaries)
- Unit 3: Database concepts and the Structured Query Language

MUSIC

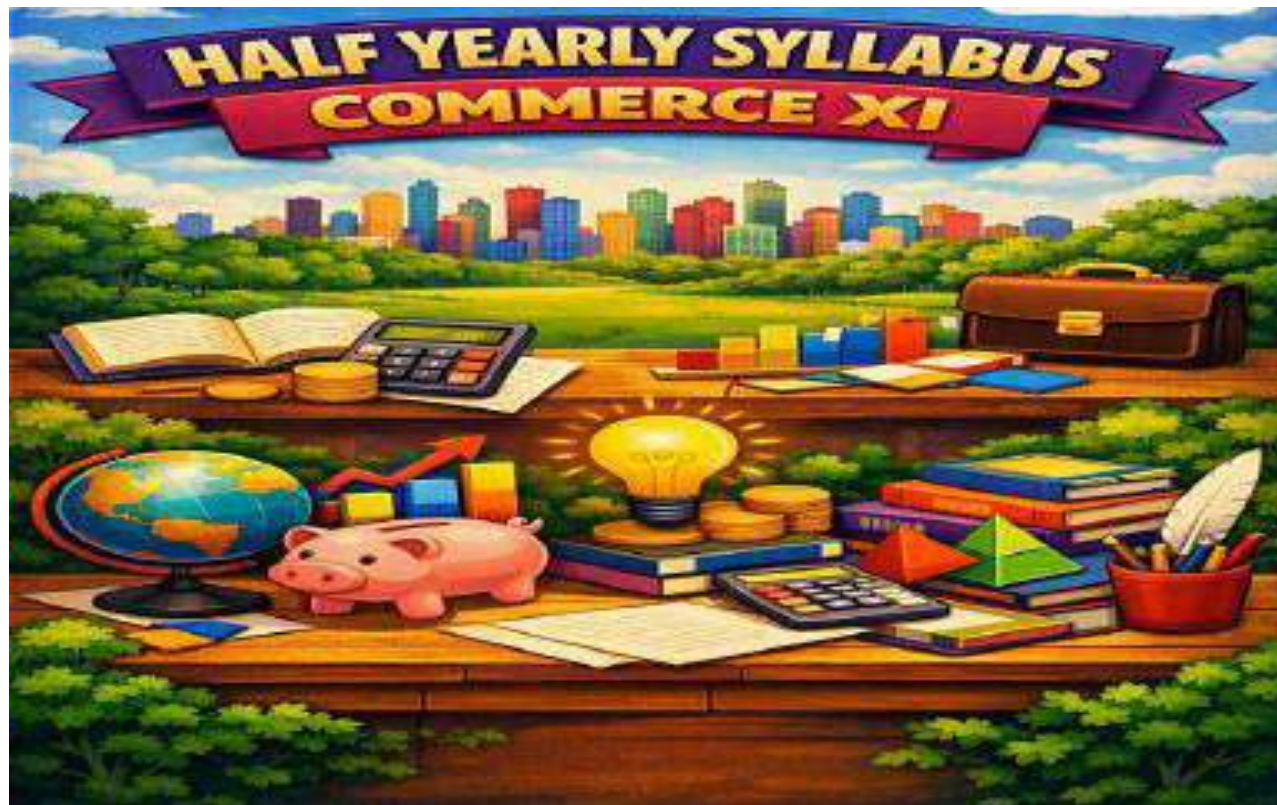
Unit -1 Nada , Shruti, Swara, Thaata , Jati

Unit -2 Dhrupad

Unit -3 Natya Shastra and Tansen

Unit - 4 Teental and Ektala

Unit- 5 Rag Bihag and Bhimpalasi.



SUBJECT	SYLLABUS
ENGLISH	Hornbill 1. The Portrait of a Lady 2. "We're Not Afraid to Die... if We Can All Be Together" 3. Discovering Tut: The Saga Continues Poetry 1. A Photograph 2. The Laburnum Top 3. The Voice of the Rain Snapshot 1. The summer of beautiful white horse 2. The address Writing Skills 1. Note- making 2. Classified Advertisement 3. Poster 4. Debate 5. Speech Grammar 1. Tenses 2. Modals 3. Clauses
	* Introduction To Accounting * Theory Base Of Accounting * Journal * Accounting For Goods and Services Tax

ACCOUNTANCY	* Ledger * Cash Book * Other Subsidiary Books * Trial Balance * Financial Statements [Without Adjustments]
ECONOMICS	MICRO ECONOMICS Ch- Economics and economy Ch-Central Problem of an economy Ch-Consumer Equilibrium-Utility Analysis Ch-Indifference curve Ch-Theory of demand and elasticity of demand Ch- Production Function STATISTICS Ch-Concept of Economics and Significance of Statistics in economics Ch-Collection of data Ch-Census and sample method- collection of data Ch-Measure of central tendency- Mean, median, Mode Ch-Diagrammatic presentation of data---Bar diagrams and Pie diagrams Ch-Correlation
MARKETING	PART B:- Subject Specific Skills Unit 1: Introduction to Marketing Unit 2: Marketing Environment Unit 4: Fundamentals of Marketing Mix PART A:- Employability Skills Unit 1: Communication Skills-III Unit 2: Self-Management Skills-III
MATHEMATICS	Chapter-1 Sets Chapter-2 Relations & Functions Chapter-3 Trigonometric functions Chapter-4 Complex Numbers and Quadratic Equations Chapter-5 Linear Inequalities Chapter- 6 Permutations and Combinations Chapter-7 Binomial Theorem Chapter-8 Sequence and Series Chapter-11 Introduction to three-dimensional geometry
PHYSICAL EDUCATION	Unit 1 - Changing trends and career in physical education Unit 2 - Olympism value education Unit 3 - yoga Unit 4 - Physical Education and Sports for children with special needs Unit 5 - Physical fitness, wellness and life style
IP	Unit 1: Introduction to Computer System Introduction to computer and computing: evolution of computing devices, components of a computer system and their interconnections, Input/output devices. Computer

	Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. Software: purpose and types – system and application software, generic and specific purpose software. Unit 2: Introduction to Python Basics of Python programming, execution modes: - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operator, precedence of operators, data types, mutable and immutable data types, statements, expression evaluation, comments, input and output statements, data type conversion, debugging. Control Statements: if-else, if-elif-else, while loop, for loop Lists: list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions – len(),list(),append(),insert(), count(),index(),remove(), pop(),reverse(), sort(), min(),max(),sum() Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del(), clear() Unit 3: Database concepts and the Structured Query Language Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key,alternate key Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL Data Manipulation: INSERT, DELETE,UPDATE
BANKING	PART B:- Subject Specific Skills Unit 1: Introduction to Banking and Basic Functions of Banker Unit 2: Banker and Customer Unit 3 : Employment of Bank funds PART A:- Employability Skills Unit 1: Communication Skills-III Unit 2: Self-Management Skills-III
MUSIC	Unit -1 Nada , Shruti, Swara, Thaata , Jati Unit -2 Dhrupad Unit -3 Natya Shastra and Tansen Unit - 4 Teental and Ektala Unit- 5 Rag Bihag and Bhimpalasi.

CLASS- XII (COMMERCE)
HALF YEARLY SYLLABUS (SESSION: 2026-27)

SUBJECT: ECONOMICS

MACROECONOMICS:

- Ch- Introduction-Macroeconomics
- Ch- Circular Flow Of Income
- Ch- National Income and Related Aggregates
- Ch- Measurement of national Income
- Ch- Money
- Ch- Banking
- Ch- Related Concept of AD and AS
- Ch- Income Determination and Multiplier
- Ch- Deficient and Excess Demand

INDIAN ECONOMIC DEVELOPMENT:

- Ch- Indian economy on the Eve of Independence
- Ch- Indian Economy (1950-1990)
- Ch- New Economic Policy 1991 (LPG Policies)
- Ch- Human Capital Formation
- Ch- Rural Development

SUBJECT: ENGLISH

Flamingo:Poems:- Vistas:

- The Last Lesson-My Mother at Sixty-Six -The Third Level
- Lost Spring-A Thing of Beauty -The Tiger King
- The Rattrap -Keeping Quiet -Journey to the End of the Earth
- Deep Water

Writing Skills:

- Article/ Report writing
- Notice Writing
- Letter to editor/ Job Application
- Invitation and Replies

SUBJECT: ACCOUNTANCY

- Accounting for Partnership:- Fundamentals
- Goodwill:- Nature and Valuation
- Change in Profit Sharing Ratio
- Admission of A partner
- Retirement of A partner
- Death of A partner
- Dissolution of A partnership Firm

SUBJECT: BUSINESS STUDIES

Unit 1- Nature and Significance of Management

Unit 2- Principles Of Management

Unit 3- Business Environment

Unit 4- Planning

Unit 5- Organizing

Unit 11- Marketing Management

Unit 12- Consumer Protection Act, 2019

SUBJECT: PHYSICAL EDUCATION

Unit 1- Management of sporting events

Unit 2- Children and women in sports

Unit 3 - Yoga as Preventive measure for lifestyle Diseases

Unit 4- Physical Education and Sports for CWSN

Unit 5 -Sports and Nutrition

SUBJECT: MATHEMATICS

Chapter-3 Matrices

Chapter-4 Determinants

Chapter-5 Continuity & Differentiability

Chapter-6 Application of Derivatives

Chapter-7 Integrals

Chapter-8 Application of Integrals

Chapter-12 Linear Programming

SUBJECT: BANKING**SPECIFIC SKILL:EMPLOYABILITY SKILLS:**

Unit 1 Ancillary services of banks

Unit 1 Communication skills

Unit 2 Innovation in banking technologyUnit 2 Self Management skills

Unit 3 Organization of bank branch

Unit 6 Proforma of final accounts

SUBJECT: INFORMATICS PRACTICES

Unit 1: Data Handling using Pandas -I

Introduction to Python libraries- Pandas, Matplotlib; Data structures in Pandas - Series and Data Frames.

Series: Creation of Series from – ndarray, dictionary, scalar value; mathematical operations; Head() and Tail() functions; Selection, Indexing and Slicing.

Data Frames: creation- from dictionary of Series, list of dictionaries, Text/CSV files, display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing; Importing/Exporting Data between CSV files and Data Frames.

Unit 2: Database Query using SQL

Database Concepts: Introduction to database concepts and its need, Database Management System.

Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key

Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types

Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER

Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL

Data Manipulation: INSERT, DELETE, UPDATE

Math functions: POWER (), ROUND (), MOD ().

Text functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING()/SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM ().

Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME ().

Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*).

Querying and manipulating data using Group by, Having, Order by. Working with two tables using equi-join

Unit 3: Introduction to Computer Networks

Introduction to networks, Types of network: PAN, LAN, MAN, WAN.

Network Devices: modem, hub, switch, repeater, router, gateway

Network Topologies: Star, Bus, Tree, Mesh.

Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP.

Website: Introduction, difference between a website and webpage, static vs dynamic webpage, web server and hosting of a website.

Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.

SUBJECT :- MUSIC

Unit-1 Alankar, Kan ,Meend , Khatka ,Murki, Gamak .

Unit-2 Historical development of time theory of ragas

Unit-3 SangeetRatnakar, SangeetParijat and Life sketch FaiyazKhan .

Unit-4 TalaJhaptala and TalaDhamar.

Unit-5 Rag Bhairavand RagMalkauns.

HALF YEARLY SYLLABUS 2026

CLASS: 12TH SCIENCE

PHYSICS	1. Electric Charges and Fields 2. Electrostatic Potential and Capacitance 3. Current Electricity 4. Moving Charges and Magnetism 5. Magnetism and Matter 6. Electromagnetic Induction 7. Alternating Current
CHEMISTRY	1. Unit 1: Solutions 2. Unit 2: Electrochemistry 3. Unit 3: Chemical Kinetics 4. Unit 4: The d- and f-Block Elements 5. Unit 5: Coordination Compounds 6. Unit 6: Haloalkanes and Haloarenes
MATHEMATICS	1. Matrices 2. Determinants 3. Continuity & Differentiability 4. Application of Derivatives 5. Integrals 6. Application of Integrals 7. Linear Programming
BIOLOGY	1. Sexual Reproduction in Flowering Plants 2. Human Reproduction 3. Reproductive Health 4. Principles of Inheritance and Variation 5. Molecular Basis of Inheritance 6. Human Health and Diseases
ENGLISH	Literature Flamingo 1. The Last Lesson 2. Lost Spring 3. Deep Water 4. The Rattrap (Poems) 1. My Mother at Sixty-Six 2. Keeping Quiet 3. A Thing of Beauty Vistas 1. The Third Level 2. The Tiger King

	3. Journey to the End of the Earth Writing Skills 1. Notice 2. Invitations and Replies 3. Letters to editor/Job Application 4. Article/ Report
PHYSICAL EDUCATION	1. Management of sporting events 2. Children and women in sports 3. Yoga as preventive measure for lifestyle disease 4. Physical Education and Sports for CWSN 5. Sports & nutrition
INFORMATIC PRACTICES	Unit 1: Data Handling using Pandas -I Introduction to Python libraries- Pandas, Matplotlib;Data structures in Pandas – Series and Data Frames. Series: Creation of Series from – ndarray, dictionary, scalar value; mathematical operations; Head() and Tail() functions; Selection, Indexing and Slicing. Data Frames: creation- from dictionary of Series, list of dictionaries, Text/CSV files,display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing; Importing/Exporting Data between CSV files and Data Frames. Unit 2: Database Query using SQL Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key,alternate key Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL Data Manipulation: INSERT, DELETE,UPDATE Math functions: POWER (), ROUND (), MOD ().

	Text functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING()/SUBSTR (),LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (),DAYNAME (). Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). Querying and manipulating data using Group by, Having, Order by.Working with two tables using equi-join Unit 3: Introduction to Computer Networks Introduction to networks, Types of network: PAN, LAN, MAN, WAN. Network Devices: modem, hub, switch, repeater, router, gateway Network Topologies: Star, Bus, Tree, Mesh. Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP. Website: Introduction, difference between a website and webpage, static vs dynamic webpage, web server and hosting of a website. Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.
MUSIC	1. Alankar, Kan , Meend , Khatka ,Murki, Gamak . 2. Historical development of time theory of ragas 3. Sangeet Ratnakar, Sangeet Parijat and Life sketch Faiyaz Khan . 4. tala Jhaptala and tala Dhamar. 5. Rag Bhairav and Rag Malkauns.