



TERM 1 SYLLABUS



TERM 1

Syllabus of Class 3rd

Punjabi

Class 3

ਪਾਠ -1 ਕਵਿਤਾ ਉਚਾਰਨ

ਪਾਠ -2,3,5,6 (full)

ਪਾਠ -4 ਗਤੀਵਿਧੀ

ਵਿਆਕਰਨ

ਲਿੰਗ ਬਦਲੇ

ਵਚਨ ਬਦਲੇ

ਵਿਰੋਧੀ ਸ਼ਬਦ

ਅਸੁੱਧ - ਸੁੱਧ 1-10

ਚਿੱਤਰ ਵਰਣਨ

ਅਣਡਿੱਠਾ ਪੈਰਾ

ਲੇਖ -ਚੰਗਾ ਬੱਚਾ, ਮੇਰਾ ਮਿੱਤਰ

Hindi

हिन्दी

(पाठ्यपुस्तक -भाषा माधुरी+ भाषाअभ्यास)

पाठ 2 भारत देश

पाठ 3 हाथी और चिड़िया

पाठ 5 बहादुर दोस्त

पाठ 6 घमंडी मक्खी

पाठ 7 दादा जी

पाठ 8 अगर पेड़ भी चलते होते

रचनात्मक लेखन कार्य- अनुच्छेद, पत्र/प्रार्थना पत्र,

चित्र वर्णन, अपठित गद्यांश, संवाद

Science

Ch- 1 (My Body)

Ch-2 (Plants around us)

Ch-3 (Leaf)

Ch-4 (Importance of plants)

Ch-5 (Animals)

Social science

Ch-1 The Family

Ch-2 Family Similarities

Ch-3 Our Food

Ch-4 Our Dresses

Ch-5 The Early Man

Ch-6 Learning about works

Full chapter (Tick the correct option, Fill in the blanks, Match up, question/answers, True/False, value, based question, comprehension extra question, key words, dictation, map)

Chapter-7 If you Believe you Can, You Will (Only for reading)

Map skill - Indian States

Maths

****SYLLABUS OF CLASS 3rd***

Unit 1 - Numbers upto 9999

Unit 2 - Addition

Unit 3-Subtraction

Unit 4- Multiplication

Unit 8 - Length

Unit 7- Money

***Tables - 2 to 10**

***Roman Numbers - 1 to 50**

English

Subject: English Syllabus

Reader Book–1.Dolphins, 2.Canary

3.Ostrich and the hedgehog

4.God of river

5.Mino and Dino(only for reading)

Poem :1.At the zoo

2.Trees are the kindest things I know (poems are only for reading)

Practice Book: 1.Naming words 2.How many 3.Replacing words 4.Describing words

Paragraph writing

Picture composition, application writing..

Comprehension passage

नैतिक शिक्षा

पाठ= 1 से 7

आर्य समाज के नियम 1-5

For class 3rd

Art

- 1. Overlapped composition**
- 2. Still life**
- 3. Duck, owl, giraffe and deer composition**

Step by step page no. 1-20

Craft :- Origami flower, leaves, frog, fish or any of your choice.

General Knowledge

Page no 1,2,4,5,8,9,10,11,12,14,16,17,22,23,28,29,30

SYLLABUS

HALF YEARLY

CLASS 4th



MATHEMATICS

Unit 1 - **Numbers upto 999999**

Unit 2 - **Addition and Subtraction**

Unit 3 - **Multiplication**

Unit 4 – **Division (Worksheet 1 and 2)**

Unit 5 - **Length**

Unit 11- **Perimeter**

Unit 14 - **Fun with Patterns**

Tables - 2 to 15

Roman Numbers - 1 to 50

SCIENCE

Chapter 1 - **My body**

Chapter 2- **Plants**

Chapter 3- **Flowers and fruits**

Chapter 4- **Plants around us**

Chapter 5- **Birds- beaks and claws**

SOCIAL SCIENCE

Ch-1 Family Relationships

Ch-2 Sensitivity towards others

Ch-3 Celebrating our diversity

Ch-4 An Ideal Home

Ch-5 Bricks And Bridges

Ch-6 Waste Management

Ch-7 The Works We Do (For reading only)

(Tick the correct , Fill in the blanks , Match the following , Questions/Answers , Value based question , Extra questions , Comprehension , True /False , Map , Key words , Dictation)

HINDI

(पाठ्यपुस्तक -भाषा माधुरी+ भाषाअभ्यास)

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

रचनात्मक लेखन कार्य- अनुच्छेद, पत्र/प्रार्थना पत्र,

चित्र वर्णन, अपठित गद्यांश, संवाद

PUNJABI

ਪਾਠ-1 ਕਾਵਿ ਸਤਰਾਂ

ਪਾਠ-2 (full)

ਪਾਠ-3 (full)

ਪਾਠ -4 (ਬੋਲਣ ਕੋਸ਼ਲ)

ਪਾਠ-5 (full)

ਪਾਠ-6 (full)

ਲੇਖ - ਸਾਡੇ ਮਾਤਾ ਪਿਤਾ, ਕਰੋਨਾ ਮਹਾਂਮਾਰੀ

ਅਰਜ਼ੀ - ਜ਼ਰੂਰੀ ਕੰਮ ਦੀ ਛੁੱਟੀ , ਬਿਮਾਰੀ ਦੀ ਛੁੱਟੀ

ਅਸੁੱਧ ਸੁੱਧ - (ਦੈਨਿਕ ਤੋਂ ਲਾਭ ਤੱਕ)

ਵਿਰੋਧੀ ਸ਼ਬਦ (ਉੱਚਾ ਤੋਂ ਸਪੁੱਤਰ ਤੱਕ)

ਵਚਨ ਬਦਲੇ (ਰਾਜਾ ਤੇ ਸਭਾ)

ਲਿੰਗ ਬਦਲੇ (ਪੰਨਾ ਨੰ - 58)

ਮੁਹਾਵਰੇ (ਸਿਰਫ਼ ਅਰਥ)

ਚਿੱਤਰ ਵਰਣਨ

ਅਣਡਿੱਠਾ ਪੈਰੂਾ

ENGLISH

English Reader

Chapter - A True Friend

Chapter - Mix up at Birth

Chapter - Travel Plans (poem for extract only)

Jungle Safari

English Practice

1 Naming Words

2. Gender

3. Pronoun

4.Preposition

5.Describing Words

6. Determiners

WRITING TASK

- Paragraph Writing
- Application /Letter Writing
- Diary Entry
- Picture Composition

READING

Comprehension Passage

G.K

Page No.

1,2,7,8,10,12,13,15,16,17,19,20,21,22,25,26,27,28,31,32

नैतिक शिक्षा

पाठ= 1 से 7

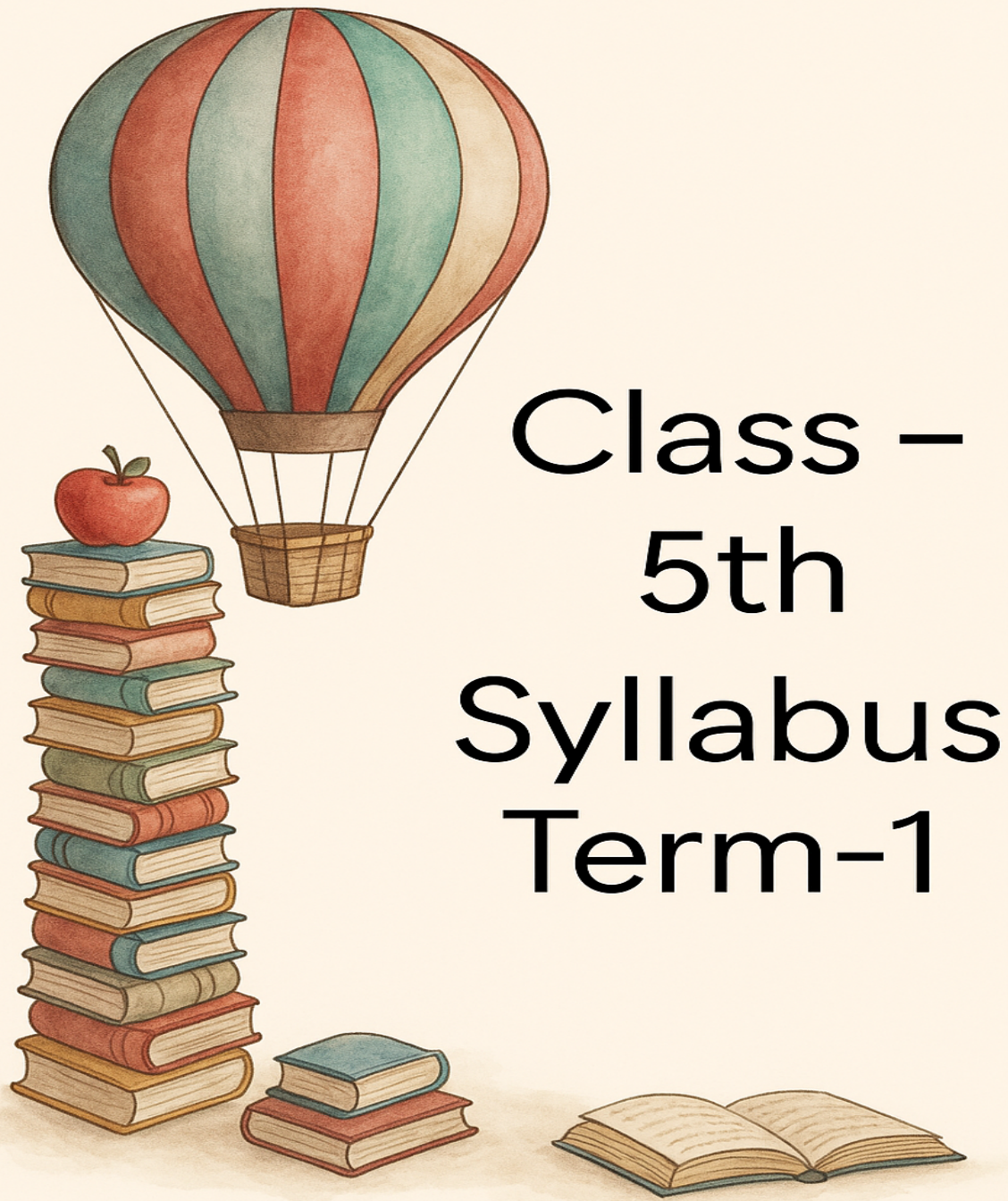
आर्य समाज के नियम 1-5

ART AND CRAFT

1. Pencil shading
2. Fruit basket
3. Birds composition with background
4. Animal composition with background

Step by step page no. 1-20

Craft :- Origami flower, leaves, frog, fish or any of your choice.



Class – 5th Syllabus Term-1

MATHS

Unit 1 - Numbers upto 99,99,99,999
Unit 2 - Operations on Large Numbers
Unit 3 - Multiples and Factors
Unit 5 - Decimals
Unit 10 - Averages
Unit 12 - Percentage
Unit 14 - Bills
Unit 16 - Triangles



Edit with WPS Office

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

SCIENCE

- Ch-1 (My Body)
- Ch-2 (Plants)
- Ch-3 (Forest)
- Ch-4 (Animals Our Friends)
- Ch-5 (Food and Health)
- Ch-6 (Spoilage and wastage of Food and food Preservation)

HINDI

- (पाठ्यपुस्तक -भाषा माधुरी+ भाषाअभ्यास)
- 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- अनुच्छेद, पत्र/प्रार्थना पत्र,
- चित्र वर्णन, अपठित गद्यांश, संवाद

PUNJABI

- ਪਾਠ-1 ਕਵਿਤਾ(ਕੋਦਰੀ ਭਾਵ)
- ਪਾਠ -2,3,5,7 (full)



- ਪਾਠ -4 (ਕਵਿਤਾ ਉਚਾਰਨ)
- ਪਾਠ-6 ਅਲੈਗਜੈਂਡਰ ਗ੍ਰਾਹਮ ਬੈਲ (ਪੜ੍ਹਨ ਕੌਸ਼ਲ)
- ਲੇਖ - ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕਦੇਵ ਜੀ, ਰੁੱਖਾਂ ਦੇ ਲਾਭ
- ਅਰਜ਼ੀ - ਸੈਕਸ਼ਨ ਬਦਲਣ ਲਈ ਬਿਨੈ-ਪੱਤਰ।
- ਜੁਰਮਾਨਾ ਮੁਆਫ਼ੀ ਲਈ ਬਿਨੈ-ਪੱਤਰ।
- ਅਸ਼ੁੱਧ ਸ਼ੁੱਧ-ਪੰਨਾ ਨੰ:81(ਉਹ ਤੋਂ ਸਿਹਰਾ ਤੱਕ)
- ਵਿਰੋਧੀ ਸ਼ਬਦ- ਪੰਨਾ ਨੰ:71,72 (ਦਿਨ ਤੋਂ ਅੰਨ੍ਹਾ ਤੱਕ)
- ਵਚਨ ਬਦਲੇ- ਪੰਨਾ ਨੰ:65 (ਘੋੜਾ ਤੋਂ ਕੁੜੀ ਤੱਕ)
- ਲਿੰਗ ਬਦਲੇ-ਪੰਨਾ ਨੰ:57,58 (ਮਾਮਾ ਤੋਂ ਵਿਦਿਆਰਥੀ ਤੱਕ)
- ਮੁਹਾਵਰੇ- (ਇੱਕ ਤੋਂ ਦਸ)
- ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ-(ਪਹਿਲੇ ਪੰਦਰਾਂ)
- ਚਿੱਤਰ ਵਰਣਨ
- ਅਣਡਿੱਠਾ ਪੈਰਾ

ENGLISH

Reader: -

- Monday Morning Blues
- The Tale of a Tail
- Adventures with Books(Extract)
- The Boy who Borrowed
- Limits of Mind
- Just be up and doing(Extracts)

GRAMMAR: -

- Noun
- Determiners
- Apostrophe
- Comparisons
- Verbs

WRITING: -

- Paragraph Writing
- Diary Entry
- Notice Writing
- Letter Writing



1. Overlapped composition
2. Flower composition
3. Leave overlapped composition
4. Birds composition

Step by step page no. 1-20

Craft :-Any of your choice.

G.K

Page No. 1,2,3,4,6,7,11,12,13,14,15,16,17,18,19,21,26,27,28,29,30,31,32,33

नैतिक शिक्षा

- पाठ= 1 से 7
- आर्य समाज के नियम 1-5





CLASS -6th (Term 1)

SCIENCE

- Ch-1 (Our Environment)
- Ch-3 (Nature of Matter)
- Ch-6 (Measurement & Motion)
- Ch-7 (The World of Living)
- Ch-10 (Work and Energy)
- Ch-12 (Light and Shadows)
- Ch-14 (Fabric from Fibre)

MATHEMATICS

- Chapter - 1 (Natural Numbers and whole numbers)
- Chapter -2 (Factors and Multiples)
- Chapter -3 (Integers)
- Chapter - 8 (Basic Geometrical concepts)
- Chapter - 6 (Introduction to Algebra)
- Chapter - 9 (Line Segment)
- Chapter - 11 (Transversal and Pairs of lines)

HINDI

(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

पाठ 9 दोहे

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

ENGLISH

READER BOOK

- 1.How Daddy Decided What He Wanted to be
- 2.The White Elephant
- 3.Lesure
- 4. My Experiment with Truth
- 5.Today and Tomorrow
- 6.The Helpful Young Man

GRAMMAR

- 1.Putting it together
- 2.Regular and Irregular Verbs
- 3.Determiners
- 4.Subject-Verb Agreement (Concord)
- **WRITING**
- Paragraph Writing
- Letter Writing(Informal)
- Diary Entry
- Notice Writing

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 ਰੈੱਡ ਕਰਾਸ (ਸ਼ਬਦ ਅਰਥ,ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਉੱਤਰ)

ਪਾਠ -1 ਪ੍ਰਣ,

ਪਾਠ-4 ਦਾਦੀ ਦੀ ਸਿਫਤ (ਕੇਂਦਰੀ ਭਾਵ/ਸਾਰ ,ਕਾਵਿ-ਟੁਕੜੀ)

ਪਾਠ -9 ਕਵਿਤਾ (ਕਾਵਿ -ਟੁਕੜੀ)

ਪੰਜਾਬੀ ਵਿਆਕਰਨ

* ਲਿੰਗ ਬਦਲੋ (ਪੰਨਾ ਨੰ:51)

* ਵਚਨ ਬਦਲੋ(ਪੰਨਾ ਨੰ:58,59 ਘੋੜਾ ਤੋਂ ਮਿੱਲ ਤੱਕ)

* ਵਿਰੋਧੀ ਸ਼ਬਦ (ਪੰਨਾ ਨੰ:98)

* ਅਸ਼ੁੱਧ-ਸ਼ੁੱਧ (ਪੰਨਾ ਨੰ:90-91 ਪਹਿਲੀ ਸਤਰ, ਉਹ ਤੋਂ ਧੁੰਦ ਤੱਕ)

* ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ (ਪੰਨਾ ਨੰ:112,113) (1 ਤੋਂ 25)

* ਅਗੇਤਰ (ਪੰਨਾ ਨੰ: 103 (1 ਤੋਂ 14 ਤੱਕ) * ਮੁਹਾਵਰੇ (1 ਤੋਂ 10)

* ਲੇਖ ਰਚਨਾ

* ਵਿਸਾਖੀ ।

SOCIAL SCIENCE

- Ch 1 The Planet Earth and the Solar system
- Ch 2 Representation of the Earth
- Ch 3 Locating places on Earth
- Ch 8 Studying the past
- Ch 9 Life of Early man
- Ch 10 Development of civilisation
- Ch 11 The iron age civilisation
- Ch 21 Our community life : Unity in diversity
- Ch 22 Democracy and Government

ART

- Ear, lips, eye, nose study
- Pencil and pen shading
- Potrait
- Background composition
- Step by step page no. 1-20
- Craft :-Any of your choice.

GENERAL KNOWLEDGE

- Page No:-
1,2,4,5,6,7,8,10,12,13,16,
18,20,21,22,23,24,25,26,
27,29,30,34,36,37,40

NATIK SHIKSHA

- ਧਾਨ= 1 ਤੋਂ 7
- ਆਰਥਿਕ ਸਮਾਜ ਦੇ ਨਿਯਮ 1-5

* ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ।

* ਪੰਦਰਾਂ ਅਗਸਤ।

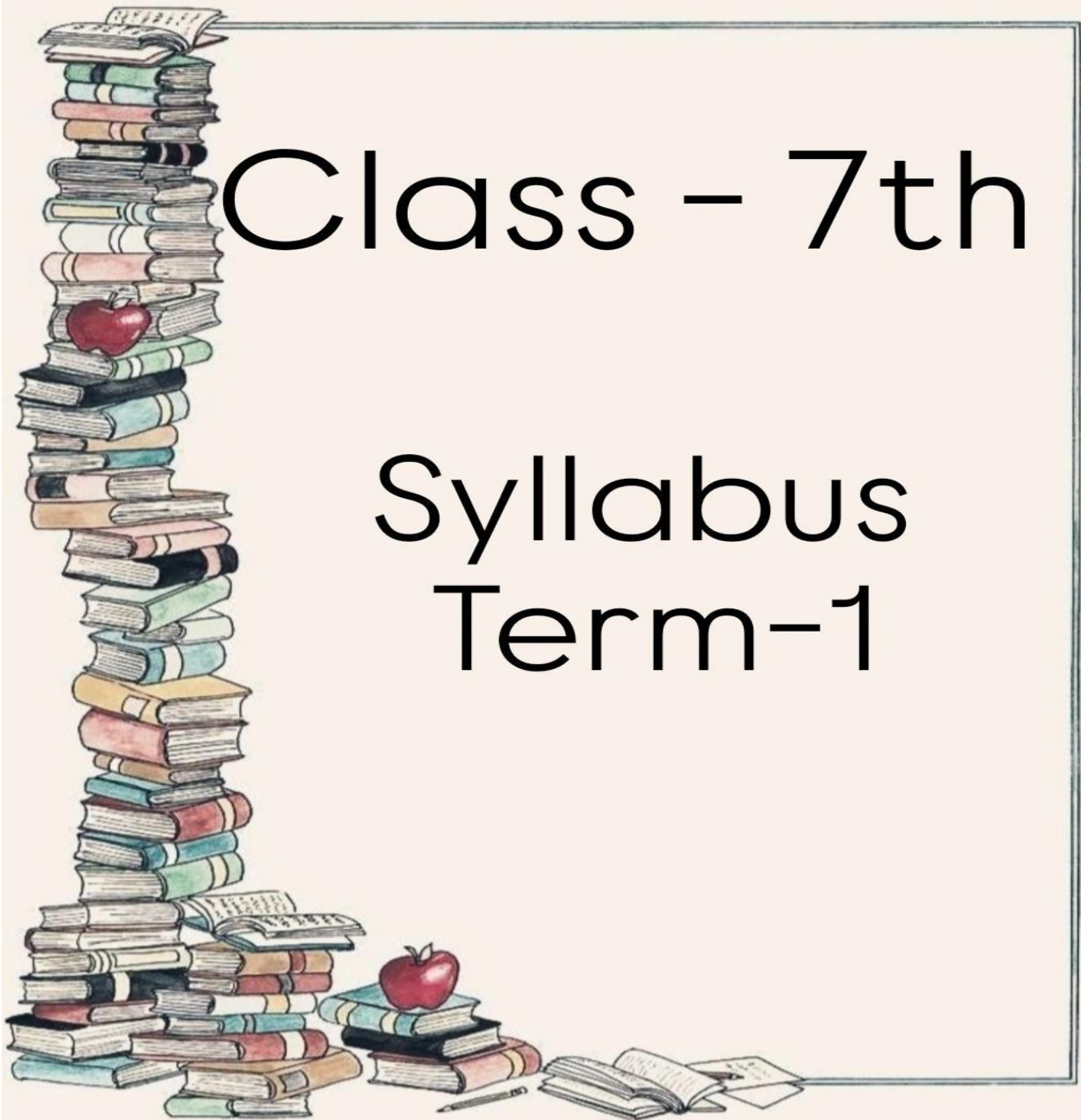
ਅਰਜ਼ੀ/ਪੱਤਰ - 1 ਮੁੱਖ ਅਧਿਆਪਕ ਜੀ ਨੂੰ ਸੈਕਸ਼ਨ
ਨਾ ਬਦਲਣ ਲਈ ਬਿਨੈ-ਪੱਤਰ।

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 ।



Class - 7th

Syllabus
Term-1

English:-

Reading Section

Unseen Passage

Literature

Monkey Trouble

Birdie, will you pet?

A Hero

Fight Manju Fight

I dream a world

Grammar

Articles

Sentences

The Compound Sentence

Phrases and Clauses

Transitive and Intransitive verbs

Writing section

Diary Entry

Informal letter

Report Writing

Notice Writing

हिन्दी :-

(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, स्लोगन, संवाद, अपठित गद्यांश, पठित काव्यांश, पठित गद्यांश।

Punjabi:-

ਪਾਠਕ੍ਰਮ ਜਮਾਤ-ਸੱਤਵੀਂ- ਇਕਾਈ ਪਹਿਲੀ

ਪੁਸਤਕ ਨਵੀਂ ਨੁਹਾਰ: ਪਾਠ- 3, 9 (ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਤੇ ਸ਼ਬਦ ਅਰਥ), ਪਾਠ- 2, 5, 8 (ਵੱਡੇ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ ਤੇ ਕਿਸ ਨੇ ਕਿਸਨੂੰ ਕਿਹਾ), ਪਾਠ-1, 7 (ਕਾਵਿ-ਟੁੱਕੜੀ), ਪਾਠ-4 (ਸਾਰ)

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

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

ਵਿਆਕਰਨ- ਲਿੰਗ ਬਦਲੋ (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-ਟੁੱਕੜੀ, ਤਸਵੀਰ ਵਰਨਣ।

Maths:-

Chapter 1 :Rational Numbers

Chapter 2 :Operations on Rational Numbers

Chapter 3 :Rational numbers as Decimals

Chapter 5 :Applications of percentage

Chapter 4 :Exponents and powers

Chapter 12 Data handling

Social Science:-

Chapter 1 – Components of Environment

Chapter 2- The Earth and the changes on it

Chapter 3 – The surface and interior of the Earth

Chapter 9 – Medieval Period

Chapter 13- Delhi sultanate

Chapter 14 – Regional Powers

Chapter 18 - Democracy and Equality

Chapter 19 - Our State Government

Chapter 20 – Media- The Mainstay of Democracy

Science:-

Chapter 1 – Nutrition in living organism - Plants

Chapter 6- Motion and Time

Chapter 7- Respiration in Organisms

Chapter 11- Electric charges at rest

Chapter 13 – Chemical substances and processes

Chapter 14 – Fabric and Fibre

Chapter 16 – Water

नैतिक शिक्षा TERM-1 Syllabus

पाठ= 1 से 7

आर्य समाज के नियम 1-5

Art and Craft :-

1. Elements of art
2. How to make composition effective
3. Pencil shading
4. Watercolor
5. Composition

Craft :-Any of your choice.

General knowledge :-

Page number:-

2,3,5,6,8,10,11,17,21,24,25,26,27,33,34,35,37,38,40,42,43,44

CLASS: 8th Science
Half yearly

Biology	Ch- 1 (The cell-Its structure and functions) Ch- 2 (Microorganisms: Friends and Foes)
Chemistry	Ch-6 (Sources of Energy) Ch- 7 (Combustion)
Physics	Ch- 4 (Force and Pressure) Ch- 5 (Friction) Ch- 12 (Sound)

Social science

1. Resources: Utilisation and Development
2. Natural Resources: Land, Soil and Water
3. Agriculture
4. The Modern Period
5. Colonialism: Rural and Tribal Societies
6. The First War of Independence- 1857
7. Our Constitution
8. Fundamental Rights, Fundamental Duties and Directive Principles of State Policy

MAP SKILL

CH-5 Agriculture

Ch-10 Colonialism

Ch-11 First War of Independence

Mathematics

1. Squares and square roots
2. Cubes and cube roots
3. Exponents and radicals
4. Direct and inverse variation
5. Algebraic identities
6. Polynomials
7. Introduction to graphs
8. Statistics and probability

8th हिंदी पाठ्यक्रम अर्धवार्षिक परीक्षा हेतु (2025-2026)

कक्षा आठवीं

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 खिलाफ लड़ाई

पाठ 8 दोहे

पाठ 10 बातचीत की कला

अपठित गद्यांश , पठित गद्यांश, पठित पद्यांश

व्यावहारिक व्याकरण--ज्ञान सागर अभ्यास सागर पर आधारित

रचनात्मक लेखन--अनुच्छेद लेखन, पत्र लेखन (औपचारिक, अनौपचारिक), सूचना लेखन, संवाद लेखन

नैतिक शिक्षा

पाठ= 1 से 7

आर्य समाज के नियम 1-5

पाठक्रम

जमात-अठवीं- इकाई पहिली

पुसतक नवीं नुहार: पाठ- 3 (संघेप पूसन ਉਤਰ ਤੇ ਸ਼ਬਦ ਅਰਥ), ਪਾਠ- 2, 5, 8 (ਵੱਡੇ ਪ੍ਰਸ਼ਨ-ਉਤਰ 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 ਈ), 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।

***8th* class Art syllabus**

1. Types of medium of colours
2. Monochrome painting
3. Watercolor painting
4. Oil pastels

Craft :-Any of your choice.

***Class-VIII* English**

Literature

- 1.Three Questions
- 2.Father's Help
- 3.The Luncheon

POETRY

- 1.Granny's Tree Climbing (Poem)
- 2.My Mother (Poem)
- 3.The Children's Song (Poem)

GRAMMAR

- 1.Tenses
- 2.Narration
- 3.Modals
- 4.Subject-Verb Agreement
- 5.Clauses and Complex Sentences

Writing Skill

- 1.Notice Writing
- 2.E-mail Writing

3.Dialogue Completion

4.Article Writing

5.Letter to Editor

6.Speech Writing

Half yearly syllabus of GK:

Pg No. 1,2,3,5,6,7,8,12,14,18,19,26,27,38,39,42,43,51,52,53,64,65,70,73,75

**SYLLABUS
FOR
CLASS 9TH
HALF YEARLY
EXAMINATION
SESSION 2025-26**



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

ENGLISH

LITERATURE BOOK 1. How I taught my grandmother to Read? 2. A Dog Named Duke. 3. The Man Who Knew Too Much POETRY 1. The Brook 2. The Road Not Taken 3. The Solitary Reaper 4. Song of the Rain	Grammar 1. Modals 2. Tenses 3. Subject-Verb Concord (Agreement) 4. Reported Speech	Writing Skills 1. Notice Writing 2. Dialogue Writing 3. Informal Letter Writing 4. Paragraph Writing
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SOCIAL SCIENCE

History	1. French Revolution 2. Socialism in Europe and Russian Revolution
Geography	1. India- Size and Location 2. Physical Features of India 3. Drainage
Democratic Politics	1. What is Democracy? Why Democracy? 2. Constitutional Design
Economics	1. People as Resources 2. Poverty as a Challenge

NOTE: Map Skill will be related to the chapters as instructed in the Class

PUNJABI

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- ਮੌਨਧਾਰੀ ਕਹਾਣੀਆਂ- 1. ਜਨਮ ਦਿਨ 2. ਸਾਂਝੀ ਕੰਧ
ਵਿਆਕਰਨ- ਲਿੰਗ ਬਦਲੇ, ਵਿਸਮਿਕ, ਕਿਰਿਆ, ਸ਼ਬਦ-ਸ਼ੁੱਧੀ, ਮੁਹਾਵਰੇ, ਲੇਖ ਰਚਨਾ, ਪੱਤਰ ਰਚਨਾ, ਤਸਵੀਰ ਵਰਨਣ, ਅਣਡਿੱਠਾ ਪੈਰਾ, ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁੱਕੜੀ।

SCIENCE

Chemistry	Ch-1 (Matter in our Surroundings) Ch- 2 (Is matter around us Pure?)
Biology	Ch- 5 (Cell - Basic unit of Life) Ch- 6 (Tissues)
Physics	Ch- 7 (Motion) Ch- 8 (Force and Laws of Motion) Ch- 9 (Gravitation)

MATHEMATICS

Ch-2	Polynomials
Ch-3	Coordinate Geometry
Ch-4	Linear Equations in Two Variables
Ch-6	Lines and Angles
Ch-7	Triangles
Ch-10	Heron's Formula
Ch-12	Statistics

HINDI

1. स्पर्श: गद्य खंड: पाठ: दुख का अधिकार, एवरेस्ट मेरी शिखर यात्रा, तुम कब जाओगे अतिथि
2. स्पर्श: काव्य खंड: रैदास के पद, रहीम के दोहे, गीत अगीत
3. संचयन: गिल्लू, स्मृति, कल्लू कुम्हार की उनकोटी
4. व्याकरण: शब्द और पद, उपसर्ग और प्रत्यय, अनुस्वार अनुनासिक चिन्ह, अर्थ की दृष्टि से वाक्य भेद, स्वर संधि विराम चिन्ह,
5. रचनात्मक लेखन: अनुच्छेद, अनौपचारिक पत्र, संवाद लेखन, चित्र वर्णन, अपठित गद्यांश

PAT

Subject Specific Skills

Unit 1: Role of physical education in child development

Unit 2: Planning age-appropriate physical activities

Employability Skills

Unit 1: Communication Skills

Unit 2: Self-Management Skills

Unit 3: ICT Skills

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: Introduction to IT- ITeS industry

Unit 2: Data Entry & Keyboarding Skills

Unit 3: Digital Documentation

**SYLLABUS
FOR
CLASS 10TH
HALF YEARLY
EXAMINATION
SESSION 2025-26**



**M.D.DAYANANDMODELSCHOOL
NAKODAR**

ENGLISH

LITERATUREBOOK 1. Two Gentlemen of Verona 2. Mrs.Packletide's Tigers 3. TheLetter POETRY 1. The frog and the Nightingale (Poem) 2. NotMarble,northe Gilded Monuments (Poem) 3. Ozymandias	Grammar 1. Modals 2. Tenses 3. Subject-Verb Concord(Agreement) 4. ReportedSpeech	WritingSkills 1. Application 2. Descriptive Paragraph (Factual; Person/object) 3. FormalLetter 4. ArticleWriting
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SOCIALSCIENCE

History	Nationalism in India MakingoftheGlobalWorld
Geography	Resources and Development Forest and Wildlife WaterResources
Civic	Power Sharing Federalism Gender,ReligionandCaste
Economics	Development SectorsoftheIndianEconomy

NOTE:MapSkill:Ch-ResourcesandDevelopment

Ch-WaterResources

Ch-NationalisminIndia

PUNJABI

ਜਮਾਤ-ਦੱਸਵੀਂ- ਪਹਿਲੀ ਛਿਮਾਹੀ

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

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

ਪਾਠ-ਪ੍ਰਸਤੁਤਕ- ਵੰਨਗੀ: ਇਕਾਂਗੀ- 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	Chemical Reactions and Equations Acids, Bases and Salts Metals and Non-Metals
Biology	Life Processes Control and Coordination
Physics	Electricity Magnetic Effects of Electric Current

MATHEMATICS

1. Polynomials
2. Pairs of linear equations in two variables
3. Quadratic equations
4. Arithmetic progression
5. Coordinate geometry
6. Introduction to trigonometry
7. Application of trigonometry
8. Statistics
9. Probability

HINDI

पाठ्यपुस्तक स्पर्श-(गद्यखंड) पाठ

1 बड़े भाई साहब

पाठ 2 डायरी का एक पन्ना पाठ 3

तारा वामीरो कथा

पाठ 4 तीसरी कसम केशर्पकार रैलेंद्र

(काव्यखंड) पाठ 1 कबीर की साखी

पाठ 2 मीरा के पद

पाठ 3 पक्षत्रिंशद्देर्मे पावस पाठ 4

तोप

पाठ्यपुस्तक संचयन-पाठ 1 हररहर का का, पाठ 2 सपनों के सैददन

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

लेखन कायश--अनुच्छेद, पत्र लेखन (औपचारिक), सूचना, वक्तापन, लघुकथा 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 a nearly year's physical trainer

Unit 2: Assessment and evaluation of students

IT

Part-A

Employability Skills

Unit 1: Communication Skills-II

Unit 2: Self-Management Skills-II

Unit 3: ICT Skills-II

Unit 4: Entrepreneurial Skills-II

Part-B

SUBJECT SPECIFIC SKILLS

Unit 1: Digital Documentation (Advanced)

Unit 2: Electronic Spreadsheet (Advanced)

BUSINESS STUDIES:-

- Nature And Purpose Of Business
- Forms Of Business Organization
- Business Services
- Emerging Modes Of Business
- Social Responsibility Of Business And Business Ethics
- Internal Trade

ACCOUNTANCY:-

- Introduction To Accounting
- Theory Base Of Accounting
- Journal
- Accounting For Goods And Services Tax
- Ledger
- Cash Book
- Other Subsidiary Books
- Trial Balance
- Financial Statements [Without Adjustments]

ECONOMICS:-

Part A- Statistics

Unit 1: Introduction

Unit 2: Statistical tools and interpretation (upto correlation)

Part B- Microeconomics

Unit 4: Introduction

Unit 5: Consumer's equilibrium and Demand

Unit 6: Producer's Behaviour and supply (upto costs)

MATHEMATICS:-

1. Sets
2. Relation and Functions
3. Trigonometric Functions
4. Complex numbers and quadratic equations
5. Linear inequalities
6. Permutations and Combinations
7. Binomial Theorem
8. Sequence and series
9. Introduction to three-dimensional geometry

BANKING:-

Employability Skills:-

Unit 1:- Communication Skills

Unit 2:- Self Management Skills

Subject Specific Skills:-

Unit 1:- Introduction to Banking and Basic Functions of Banker

Unit 2:- Banker and Customer

Unit 3:- Employment of Bank Funds

INFORMATICS PRACTICES

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

ENGLISH

Literature

1. The Portrait of a Lady
2. Photograph
3. We are not afraid to die....
4. The Laburnum top
5. Discovering Tut....
6. The Voice of the rain
7. The summer of beautiful white horse
8. The address

Writing Skills

- Note- making
- Classified Advertisement
- Poster
- Debate Writing
- Speech Writing

PHYSICAL EDUCATION

Unit 1 - Changing trends and career in physical education

Unit 2 – Olympic value education

Unit 3 - Yoga

Unit 4 - Physical Education and Sports for children with special needs

Unit 5 - Physical fitness, wellness and life style

MUSIC

Unit 1

Brief Study of following :-

Nada, shruti, swar, saptak

Brief study of following

. Margi sangeet

. Desi sangeet

Unit 2

Brief study of dhrupad

Unit 3

Life sketch and contribution of Tansen

Unit 4

Knowledge of the structure of Tanpura

Taal notation with thah, dugun, chaugun

Teen taal

Unit 5

Writing notation and explanation of raag bhimplasi



HALF YEARLY EXAMINATION (2025-26)

SYLLABUS



CLASS: XI SCIENCE

CLASS: XI Science

HALF YEARLY EXAMINATIONS (2025-26)

SYLLABUS

PHYSICS	<ul style="list-style-type: none">• Units and Measurements• Motion in a Straight Line• Motion in a Plane• Laws of Motion• Work Power and Energy• System of Particles and Rotational Motion
CHEMISTRY	<ul style="list-style-type: none">• Some Basic Concepts of Chemistry• Structure of Atom• Classification of Elements and Periodicity in Properties• Chemical Bonding and Molecular Structure• Thermodynamic• Redox Reactions
MATHEMATICS	<ul style="list-style-type: none">• Sets• Relations and Functions• Trigonometric Functions• Complex Numbers and Quadratic Equations• Linear Inequalities• Permutations and Combinations• Binomial Theorem• Sequence and Series• Introduction to Three-Dimensional Geometry
BIOLOGY	<ul style="list-style-type: none">• The Living World• Biological Classification• Structural Organisation in animals• The Cell: Unit of Life• Biomolecules• Cell Cycle and Cell Division• Photosynthesis in Higher Plants• Breathing and Exchange of Gases• Body Fluids and Circulation• Excretory Products and Their Elimination
ENGLISH	<p style="text-align: center;">Literature</p> <ul style="list-style-type: none">• The Portrait of a Lady• Photograph• We Are Not Afraid To Die...• The Laburnum Top• Discovering Tut...• The Voice of the Rain• The Summer of Beautiful White Horse• The Address

ENGLISH	<p style="text-align: center;">Writing Skills</p> <ul style="list-style-type: none"> • Note-Making • Classified Ad • Poster • Debate Writing • Speech Writing
PHYSICAL EDUCATION	<ul style="list-style-type: none"> • Changing Trends and Career in Physical Education • Olympism Value Education • Yoga • Physical Education and Sports for Children with Special Needs • Physical Fitness, Wellness and Life Style
INFORMATIC PRACTICES	<ul style="list-style-type: none"> • 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

	<p>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</p> <p>Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER</p> <p>Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL</p> <p>Data Manipulation: INSERT, DELETE, UPDATE</p>
MUSIC	<ul style="list-style-type: none"> • Brief Study of following Nada, Shruti, Swar, Saptak • Brief Study of following Margi Sangeet • Desi Sangeet • Brief Study of Dhrupad • Life Sketch of Tansen and Contribution • Knowledge of the Structure of Tanpura • Writing notation and explanation of Raag Bhimplasi • Taal Notation with Thah, Dugun, Chaugun • Teen Taal



SUBJECTS	SYLLABUS
<p style="text-align: center;">ENGLISH</p>	<p>Flamingo</p> <ol style="list-style-type: none"> 1. The Last Lesson 2. Lost Spring 3. The Rattrap 4. Deep Water 5. Indigo <p>Poetry</p> <ol style="list-style-type: none"> 1. My mother at Sixty -Six 2. A Thing of Beauty <p>Vistas</p> <ol style="list-style-type: none"> 1. The Third Level 2. The Tiger King 3. Journey to the End of the Earth <p>Writing Skills</p> <ol style="list-style-type: none"> 1. Notice Writing 2. Letter Writing 3. Report Writing 4. Article Writing
<p style="text-align: center;">ACCOUNTANCY</p>	<ul style="list-style-type: none"> -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

BUSINESS STUDIES	<ul style="list-style-type: none"> • Natures and Significance of Management • Principles Of Management • Business Environment • Planning • Organizing • Marketing Management • Consumer Protection Act, 2019
BANKING	<p>SUBJECT SPECIFIC SKILLS: Unit 1 Ancillary services of banks Unit 2 Innovation in banking technology Unit 3 Organization of bank branch Unit 6 Performa of final accounts</p> <p>Employability Skills : Unit 1 Communication Skills Unit 2 Self management skills Unit 3 Information and communication technology skills</p>
ECONOMICS	<p>MACROECONOMICS UNIT 1: DETERMINATION OF NATIONAL INCOME UNIT 2: MONEY&BANKING UNIT3: DETERMINATION OF INCOME AND EMPLOYEMENT INDIAN ECONOMY UNIT 6: DEVELOPMENT PATH (1947-1991) & NEP 1991 UNIT 7: CHALLENGES FACING INDIAN ECONOMY *HUMAN CAPITAL FORMATION *RURAL DEVELOPMENT *EMPLOYEMENT</p>
INFORMATION PRACTICE	<p>Unit 1: Data Handling using Pandas -I</p> <p>Introduction to Python libraries- Pandas, Matplotlib;Data structures in Pandas - Series and Data Frames.</p> <p>Series: Creation of Series from – ndarray, dictionary, scalar value; mathematical operations; Head() and Tail() functions; Selection, Indexing and Slicing.</p> <p>Data Frames: creation- from dictionary of Series, list of dictionaries, Text/CSV files,display; iteration; Operations on rows</p>

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

	<p>Unit 3: Introduction to Computer Networks</p> <p>Introduction to networks, Types of network: PAN, LAN, MAN, WAN.</p> <p>Network Devices: modem, hub, switch, repeater, router, gateway</p> <p>Network Topologies: Star, Bus, Tree, Mesh.</p> <p>Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP.</p> <p>Website: Introduction, difference between a website and webpage, static vs dynamic webpage, web server and hosting of a website.</p> <p>Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.</p>
MUSIC	<p>Unit 1:Brief study of the following Alankar, Kan, Meend ,Gram, Murchna</p> <p>Unit 2:Historical development of time theory of raag</p> <p>Unit 3:Life sketch and contribution of ustad bade Ghulam ali khan</p> <p>Unit 4:Describe taal jhaptaal with thah, dugun, tigan chagaan</p> <p>Unit 5:Writing notation of raag Malkauns</p>
PHYSICAL EDUCATION	<p>Unit- 1 Management of sporting events</p> <p>Unit- 2 Children and women in sports</p> <p>Unit- 3 Yoga as preventive measure for lifestyle disease</p> <p>Unit - 4 Physical Education and Sports for CWSN</p> <p>Unit - 5 Sports & nutrition</p>

MATHEMATICS	<ol style="list-style-type: none">1. Inverse Trigonometric functions2. Matrices3. Determinants4. Continuity and differentiability5. Application of derivatives6. Integrals7. Differential Equation8. Linear Programming
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SYLLABUS

HALF YEARLY EXAMINATION 2025-26

<p style="text-align: center;">ENGLISH</p>	<p>BOOK- FLAMINGO</p> <ol style="list-style-type: none"> 1. The Last Lesson 2. Lost Spring 3. The Rattrap 4. Deep Water 5. Indigo <p>Poetry</p> <ol style="list-style-type: none"> 1. My mother at Sixty -Six 2. A Thing of Beauty <p>BOOK- VISTAS</p> <ol style="list-style-type: none"> 1. The Third Level 2. The Tiger King 3. Journey to the End of the Earth <p>CREATIVE WRITING SKILLS</p> <p>Notice Writing Letter Writing Report Writing Article Writing</p>
<p style="text-align: center;">PHYSICS</p>	<p>Ch 1. Electric Charges and Fields Ch 2. Electrostatic Potential and Capacitance Ch 3. Current Electricity Ch 4. Moving Charges and Magnetism Ch 5. Magnetism and Matter Ch 6. Electromagnetic Induction Ch 7. Alternating Current</p>
<p style="text-align: center;">CHEMISTRY</p>	<p>Ch 1- Solutions Ch 6- Haloalkanes and Haloarenes Ch 7- Alcohols, Phenols and Ethers Ch 8- Aldehydes, Ketones and Carboxylic acids Ch 9- Amines Ch 10- Biomolecules</p>
<p style="text-align: center;">MATHEMATICS</p>	<ol style="list-style-type: none"> 1. Inverse Trigonometric functions 2. Matrices 3. Determinants 4. Continuity and differentiability 5. Application of derivatives 6. Integrals 7. Differential Equation 8. Linear Programming

<p>PHYSICAL EDUCATION</p>	<p>Unit- 1 Management of sporting events Unit- 2 Children and women in sports Unit- 3 Yoga as preventive measure for lifestyle disease Unit - 4 Physical Education and Sports for CWSN Unit - 5 Sports & nutrition</p>
<p>BIOLOGY</p>	<p>1) sexual reproduction in flowering plants 2) Human reproduction 3) Reproductive Health 4) principles of inheritance 5) molecular basis of inheritance 6) evolution 7) human health and diseases</p>
<p>IP</p>	<p>Unit 1: Data Handling using Pandas -I</p> <p>Introduction to Python libraries- Pandas, Matplotlib;Data structures in Pandas - Series and Data Frames.</p> <p>Series: Creation of Series from – ndarray, dictionary, scalar value; mathematical operations; Head() and Tail() functions; Selection, Indexing and Slicing.</p> <p>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;</p> <p>Importing/Exporting Data between CSV files and Data Frames.</p> <p>Unit 2: Database Query using SQL</p> <p>Database Concepts: Introduction to database concepts and its need, Database Management System.</p> <p>Relational data model: Concept of domain, tuple, relation, candidate key, primary key,alternate key</p> <p>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</p> <p>Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER</p> <p>Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL</p> <p>Data Manipulation: INSERT, DELETE,UPDATE</p>

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