

LIST OF BOOKS 8th -STD
Session: 2022-2023

Sr. No.	Name of the Book
1.	New Edgeways
2	English Grammar
3.	N.C.E.R.T. Mathematics
4.	Math Lab Manual
5.	New Eureka Plus(Bringing Science)
6.	Science Lab Manual
7.	Footprints (S.St.)
8.	Footprints Map Master
9.	rolI ih<dI pwTmwlw
10.	pRwcI Bw†w AiDgm E<v:ŪXwkrx
11.	fBZe/ sko/ gzikph gkm^g[;se
12	fBZe/ sko/ gzikph ftnkeoB
13.	thinkpad (ver 1.0)
14.	Amazing World of Knowledge
15.	Visual ART (Drawing)

Syllabus for STD: 8th

ENGLISH-II

Book: New Edgeways

1st Unit

(Unit-1) Growing Up

Am I A child or an Adult?

L-1 The Open Window

L-2 The transition

L-3 Punjabi Teenager Wins Diana Award

(Unit-5) Traffic Control

L-1 Follow the Rules

L-10 Be An Alert Driver

Suggested Exercises for Better Learning-I

1st Semester

(Unit-2) Right Values

Introduction A Father's Letter

L-1 On Conduct in Company

L-2 The Golden Rules of Conduct

L-3 Three Questions

(Unit-3) Sensitizing And Educating

L-1 Children, we miss you

L-2 Managing Fire Tragedies Safety

Norms Flouted with impunity

L-3 Be Prepared

Practice Paper-1

2nd Unit

(Unit-4) Technology

Introduction: Why are They famous?

L-1 Digital Insecurity

- L-2 The Internet
L-3 Headphones Exacerbate Hearing Loss
(Unit-5) Traffic Control
L-2 Road to Mass Murder
L-3 combating Drunken Driving
Suggested Exercises for Better Learning-2

2nd Semester

(Unit-6) Expressing Yourself

Introduction : Guess Who They are

- L-1 Sermons in Cats
L-2 Advantage India
L-3 Excellence in Journalism

[The Winners of Ramnath Goenka excellence in Journalism Awards]

(Unit-7) Environment

- L-1 A Night Among the Pines
L-2 Throwing Away a Tree
L-3 Waste Not

(Unit-8) Newsletter (project)

Practice Paper-2

Syllabus for STD: 8th

ENGLISH-I

Book: English Grammar

1st Unit

- L-1 The Sentence
L-2 Structure of a Sentence
L-5 Synthesis or combining Sentences
L-6 The Pronoun
L-8 Tenses: Forms and usage
L-9 Non-Finites

L-29 Notice Writing

L-34 Speech Writing

Forms of Verbs (30)

Application: For Sick Leave , for Urgent Leave.

formal Letter, Narrative Essay.

1st Semester

L-3 The Phrase and The Clause

L-4 Simple compound and complex Sentences

L-7 The Adjective

L-12 Determiners

L-14 Modal Verbs

L-15 Active and Passive Voice

L-20 Phrasal Verbs

L-24 Idioms

L-30 Message Writing

L-33 Article Writing

Forms of Verbs (40)

Application: to Issue a Transfer Certificate., for Marriage

Leave, Informal Letters, Argumentative Essay.

Revision-1(Ch-1 to 13)

2nd Unit

L-10 The Adverb

L-11 The Preposition

L-17 Subject-Verb Agreement

L-21 Question Tags

L-25 Words That often Confuse

L-28 Paragraph Writing

L-31 Dialogue Writing

L-36 Debate writing

Forms of Verbs (30)

Application: Leave for Marriage attend and to Change the section.

Formal Letter, Essay about [Famous /Great Personalities)

2nd Semester

- L-13 Conjunctions
- L-16 Direct and indirect Speech
- L-18 Conditionals
- L-19 Relative Clauses
- L-22 Punctuation and Capital Letter.
- L-23 Synonyms & Antonyms
- L-26 Spelling Rules
- L-27 Comprehension
- L-32 Report Writing
- L-37 Poster Making

Forms of Verbs (40)

Any Application to Principal, Informal Letters, Imaginative Essay

Revision-2 (Ch 14-26), Full Grammar.

Syllabus for STD: 8th Mathematics

Book: N.C.E.R.T.

1st Unit

- L-1 Rational Numbers
- L-6 Squares and Square roots.
- L-12 exponents and Powers

Definition : Rational number and its types, laws of exponents, square number. Tables: (2-15).Square (1 to 20)

Lab Manual: Activity no.-1,2,3.

1st Semester

- L-5 Data handling.
- L-7 Cubes and Cube roots
- L-8 Comparing Quantities
- L-9 Algebraic expression and its identities

Definition : Discount, Interest ,compound interest, Polynomial, Data, bar graph, double bar graph, class-interval, cube numbers. Lab Manual-Activity: 4,5,6,7.

2nd Unit

- L-3 Understanding Quadrilaterals
- L-14 Factorization

Definition: Polygon and its classification, cube(1 to 20), Table (2-20), Lab Manual Activity no. 8,9,10.

2nd Semester

- L-2 Linear equation in one variable
- L-4 Practical Geometry
- L-11 Mensuration
- L-13 Direct and inverse proportions
- L-16 Playing with numbers

Definition : Direct and Indirect proportions, Linear equation, cube, cuboid, cylinder and its formulae.

Lab-Manual:Activity no.11,12,13,14.

Syllabus for STD: 8th

Science

Book: Eureka Plus Science

1st Unit

- L-1 Crop production and Management
- L-2 Microorganisms: Friend and foes
- L-3 Synthetic fibres and plastics

L-11 Force and Pressure

Experiments of Lab Manuals : Experiment No. 1,2,3,4,5

1st Semester

L-6 Cell Structure and function.

L-8 Combustion and flame

L-13 Sound

L-14 Chemical effects of electric current

L-17 Stars and solar system.

Lab Manual experiments: experiment no-6,7,10,11,12,15,16,17

2nd Unit

L-4 Materials – Metals and non metals

L-5 Coal and Petroleum

L-7 Conservation of Plant and animals

L-12 Friction

Lab Manual experiments: experiment no-8,9,14.

2nd Semester

L-9 Reproduction in Animals

L-10 Reaching the age of Adolescence

L-15 Some Natural Phenomena

L-18 Pollution of air and water.

L-16 Light

Lab Manual experiments: experiment no-13,18,19,20.

Syllabus for STD: 8th

Social Science

Book: Footprints

1st Unit

L-1 History, When, Where and How. (history)

L-2 Form Trade to territory (history)

L-11 Types of Resources (Geo)

- L-12 Natural Resources land, Soil and water Resources
(Geo)
- L-20 The Indian Constitution and its Legal framework
(Civics)
- Map Skill: Regional Powers (Important city) Mid 18th Century

1st Semester

- L-3 Colonial Aggression Policies (history)
- L-5 The Revolt of 1857 (history)
- L-13 Natural Resources : Natural vegetation and Wildlife
(Geo)
- L-14 Natural Resources: Mineral and Power Resources
(Geo)
- L-15 Agricultural practices (Geo)
- L-21 Secular Vision of the Indian constitution. (Civics)
- L-22 Role of the Parliament and law –making in India.
(Civics)

2nd Unit

- L-6 Changing pattern of industrialization under British
(history)
- L-7 Colonial Education and its impact Geo)
- L-16 Major Crops (Geo)
- L-17 Manufacturing (Geo)
- L-23 The Judiciary (Geo)
- L-24 The Police and the courts (Civics)
- Map Skill: Agro Based Industries –industrial Regions of India

2nd Semester

- L-8 Woman, Caste and Reform. (history)
- L-9 Indian National Movement and independence (His)
- L-10 India after independence (Geo)
- L-17 Manufacturing (Geo)

- L-18 Industries (Geo)
 L-19 Human Resources (Geo)
 L-25 Marginalized groups and Social Justice (Civics)
 L-26 Government and Economic development (Civics)

Map Skill: 1) Important Places Associated with the Indian national Movement.

2) India and its Neighbouring countries.

Syllabus for STD : 8th

Hindi

Book: roI I ih<dI pwTX puáqk

1st Unit

pwT: 1 dyS hmwrw DrqI ApnI (kivqw)

pwT: 2 suBwgI (khwnI)

pwT: 3 sunwmI lhry< (lyK)

pwT: 4 tYgor kI klm sy..... (s<ámrx)

ûXwkrx: vwÇX kI pirBwtw AOr Byd ,

AnuÇCyD lyKn, pXw~XvwcI SÑd, il<g bdlo,

vcn bdlo, ivlom SÑd, nE SÑd, iBNnwQ~k

SÑd, ivrwm-ich`n, muhwvry [

inb<D: byrojgwrI, jilXw<vwlw bwg [pZ:

inm<Zx pZ[

1st Semester

pwT: 5 inXwgrw jl-pRXwq (XwZw-
v÷Ëqw<q)

pwT: 6 Kg! afqy rhnw jIvn Br (kivqw)

pwT: 7 h†~ kI fwXrI (fwXrI)

pwT: 8 nyqw jI ny puCw (ûX<^X-kQw)

pwT: 9 adboDn (kivqw)

nwT: 10 Aoiæon nra• n÷ËvT kT FwI

ŪXwkrx: s<zw kI pirBw†w AOr Byd , s<vwd
-lyKn, pXw~vwcI SÑd, il<g bdlo, vcn
bdlo, ivlom SÑd, apsg~, pRĖXX, nE SÑd,
lokoi#qXW[

inb<D: dhyj Ek kupRQw, iS@w kw mhĖv[

pZ: iSkwXqI pZ[**khwnI** : su<dr[

2nd Unit

pwT: 11 cyátrPæIØf kw Ek pZ (pZ)

pwT: 12 ccw C#kn ny kyly KrIdy (hwáX-
kQw)

pwT: 13 nOkr (ivdySI khwnI)

pwT: 14 igirDr kI ku<filXW (khwnI)

ŪXwkrx: vx~-ivNXws kI pirBw†w AOr Byd ,
pXw~vwcI SÑd, il<g bdlo, vcn bdlo,
ivrwm-ich`n , muhwvry s<vwd-lyKn **inb<D:**
kmwl kw e<trnyt, Kyl-kUd kw mhĖv[

pZ: Awvydn pZ[

2nd Semester

pwT: 15 j<gy AwjæwdI j<gy klm (nwt`X-
{pk)

pwT: 16 kuØlU kw dShrw (inb<D)

pwT: 17 qIQ~-XwZw (khwnI)

pwT: 18 fw muĖqukâmI ryf`fI (jIvnI)

pwT: 19 kbUqrbwjæI (AwlyK)

pwT: 20 mjædUr (kivqw)

ŪXwkrx: Bw†w kI pirBw†w AOr Byd , il<g
bdlo, vcn bdlo, pXw~XvwcI SÑd, muhwvry,
nE SÑd, AnuÇCydy lyKn, lokoi#qXW, apsg~,
...
inb<D: ...
pZ: ...

Syllabus for STD: 8th

Punjabi

Book: fBZe/ sko/ gzikph gkmwkbk

1st Unit

gkm^1 Grs f;zx dh tko
(eftsk)

gkm^2 w[Vd/ j'J/ edw
(ejkDh)

gkm^3 uku/ u{jk wkfonk
(ejkDh)

gkm^4 pboki ;kjBh (b/y)

gkm^5 pkoK^wkjk
(eftsk)

ftnkeoBL fbzr pdb', tuB pdb', fto'Xh
Ppd, nP[ZX^P[ZX, pj[nkoEe Ppd, pj[s/
PpdK dh EK fJZe Ppd, w[jkto/. ftP/;D
ns/ gVBkt dh gfoGkPk s/ fe;wK fby'.
nDfvZmk g?oQk, fuZso^toDB.

b/yL r[o{ noiB d/t ih, nkBbkfJB
f;Zfynk,

gZsoL nypkoK d/ ;zgkde B{z gZso.

ejkDhL u'o dh dkVh ftZu fsDek.

1st Semester

gkm^6 jfonktb d/ phI (ejkDh)

gkm^7 gohfynk (ejkDh)

gkm^8 j'bk^j'bh (eftsk)

gkm^9 w'sh (ejkDh)

gkm^10 ed/ Bk p[MD tkbk dhtk (ejkDh)

gkm^11 ;kJheb dh ejkDh (b/y)

ftnkeoBL fbzr pdb', tuB pdb', fto'Xh

Ppd, nr/so^fgS/so, ;wkBoEe Ppd,

w[jkto ft•fwe dh gfoGkPk s/ fe•wK

2nd Unit

gkm^12 feZE/ wksk s'fonk
(eftsk)

gkm^13 tZv/ ezv dh Gk+ (b/y)

gkm^14 fszB ;tkb (ejkDh)

gkm^15 P'o^Pokpk (b/y)

gkm^16 nzwVh dk ftjVk (eftsk)

b/yL ;wkfie ;wZf;nk, Py;hns. **gZsoL**

fpB?^gZso. **ejkDhL** ;wMdko \or'P.

ftnkeoBL fbzr pdb', tuB pdb', fto'Xh

Ppd, ;wkBkoEe Ppd, pj[s/ PpdK dh EK

fJZe Ppd, nr/so^fgS/so. gqhGkPkL fe-

fonk ns/ fefonk ftP/;D dh gqhGkPk ns/

fe;wK. nDfvZmk g?oQk, fuZso^toDB.

2nd Semester

gkm^17 uZeoftT{ (ejkDh)

gkm^18 rZgpkI (b/y)

gkm^19 fJZe fpoy d/ p'bD dh ejkDh

(ekft^ejkDh)

gkm^20 uzvhrVQ (b/y)

gkm^21 fJZe e[Vh wbkbk (b/y)

gkm^22 wfjwkB (fJeKrh)

ftnkeoBL fbzr pdb', tuB pdb', fto'Xh

Ppd, nr/so^fgS/so, ;wkBoEe Ppd,

pj[nkoEe Ppd, nykT[sK, pj[s/ PpdK dh

EK fJZe Ppd, w[jkto/. nDfvZmk g?oQk,

fuZso^toDB. ;zpzXe ns/ : 'ie dh gfoGkPk

s/ fe;wK fby'.

b/yL fJ;fsjko iK ftfrnkgB fbyD^ebk.

gZsoL nypko ;zgkde B{z gZso.

ejkDhL . fJZe ns/ ;tkb

Syllabus for STD: 8th

General Knowledge

Book: Amazing world of Knowledge

1st Unit

- L-1 Glance to super latives
- L-2 Fortified cities of Ancient India
- L-3 Descendants from Royalty
- L-4 First in Indian History
- L-5 Waterways
- L-6 National Birds
- L-7 Growing Plants
- L-8 Deadliest Animals
- L-9 Plant's world
- L-10 Vertebrates
- L-11 Deadliest Plants
- L-12 Venomous Snakes

Unit-Test 1,2. Current Events

1st Semester

- L-13 Timeline of Inventions
- L-14 Cosmic World
- L-15 Scientific equipments
- L-16 Balanced diet
- L-17 Medical Technologies
- L-18 Voyage to space: Jeff Bezos
- L-19 All in security
- L-20 useful idioms
- L-21 forever Greats
- L-22 Famous Achivers
- L-23 Bestselling Books
- L-24 Morning Greetings
- L-25 Figurative Language
- L-26 Success over 60

L-27 largest Producers
L-28 Megatall Skyscrapers
Unit Test-3,4 Current Events

2nd Unit

L-29 Lost cities
L-30 Motivational quotes
L-31 Special Places on Earth
L-32 world National days
L-33 Famous dance forms
L-34 Musical world
L-35 Cricket Terminology
L-36 Athletics
L-37 Fantasy movies
L-38 IPL Stalwarts
L-39 Cricket Commentators
L-40 Tokyo Olympics 2020
L-41 Mental Health
Unit Test-5,6, Current Events

2nd Semester

L-42 First Aid
L-43 Virtues of life
L-44 Plastic Pollution
L-45 Triangle Puzzles
L-46 Inductive Reasoning
L-47 Magic Math Tricks
L-48 Abstract Reasoning
L-49 Aptitude Test
L-50 Gemstones
L-51 Business Tycoons
L-52 Art Movements
L-53 Animated Movies of all time
L-54 Plastic Money

L-55 Foreign Airlines

Unit Test -7 , Worksheet , Current Events.

Syllabus for STD: 8th
Computer

Book: Thinkpad

Chapters	Page No.
Unit-1	
Ch-1- Computer Networking	7
Ch-2- Introduction MS-Access 2010	17
Periodic Assessment-1	41
Semester –I	
Ch-3 More on Ms Access	30
Ch-4 List and Tables in HTML	42
Ch-5 More on HTML	52
Periodic Assessment-2	69
Test sheet-1	70
Artificial Intelligence (Domains and Advantages)	116
Unit- II	
Ch-6 More on Photoshop CS6	72
Ch-7 Internet Services & Cyber Crime	79
Periodic Assessment-3	94
Semester-II	
Ch-8 Control Structure in PYTHON	95
Ch-9 Robotics	109
Periodic Assessment-4	123
Test Sheet-2	124
OGO Cyber Sample Question	135
Project work / Practical ON (HTML)	126

Syllabus for STD: 8th

Drawing

Book: Arts Skill

1st Unit

NO.	Topic	Page No.
	Basic Elements of Arts	
1	Introduction	5-9
2.	Drawing Materials	10-15
3.	Methods of Drawing and Sketching	16-19
4.	Methods of Painting	20-24
5.	Methods of Print Making	24-25
6.	Ceramics	26-27
7.	Sculpture /Architecture/ jewellery	27-28
8.	Fibre	29-30

1st Semester

No.	Topic	Page No.
	OBJECT BASED EXERCISES	
1	Object Drawing (Pencil)	31-33
2	Still Life (line and Pencil)	33-34
3	Still Life (transparent colour)	35-36
4	Still life (Pencil ,Link-Pen)	37-38
5	People based exercises	39-41
6	The hand construction (pencil)	42-43
7	The legs and the Ankles	44-45
8	Blocked construction of the head	46
9	Masses and movements of the body	47
10	Human anatomy of Figure Drawing	48-49
11	Figure Drawing	50-55
12	Light Effects on Face	56-59
13	Facial expressions	60-63
14	Face study	64-65
15	Portrait (Gandhi ji, Nanak)	66-67

2nd Unit

No.	Topic	Page No.
	TRADITION BASED EXERCISES	
1	Festivals (onam, Pongal bihu, mehendi)	77-90
2	Environment Based exercise	91-118
3	Land Scape (How to draw)	
4	Land Scape (Inansparent colour)	
5	Land Scape (Postal colour, Pastel colour)	
6	Daily life	
7	Land scape (knife Painting)	
8	The tiger	
9	Animal (brush and link)	
10	Birds (pencil)	

2nd Semester

No.	Topic	Page No.
1	Printing and Designing	119-144
2	Collage making	128-129
3	Collage art Picture collage , Paper collage.	
4	Applied designing (book cover)	
5	Calligraphy –The Art of fine writing	
6	Critter Pots	
7	Constructions (sculpture)	
8	Masks and puppets	
9	PoPier Mache animals	
10	Group activities, Bulletin Board	
11	Clay works (Slab method).	

