

**A.A.R JAIN MODEL SEN. SEC. SCHOOL, DERA BASSI**  
**SESSION (2024-25)**  
**SYLLABUS**  
**FOR**  
**MIDDLE STAGE**

**CLASS: - 8<sup>TH</sup>**

**SUBJECT: - COMPUTER**

**APRIL:** - Ch-1= Computer Networking

**Activity:** - Draw the diagram of the topology used in school's lab in MS Word.

**MAY:** - Ch-2= Introduction to Adobe Photoshop CC.  
Ch-3. More on Adobe Photoshop CC

**Activity :** - Create a Birthday Card in Adobe Photoshop CC

**Activity :** - Create a Poster on Save Earth in Adobe Photoshop CC

**JUNE:** - Vacations

**JULY:** - Ch-4= Images, Links and Frames in HTML  
Ch-5= Ethics and Safety Measures in Computing

**Activity :** Create the Ordered list/ Un-Ordered List in HTML.

**Activity :** Prepare a presentation on Cyber Ethics.

**AUGUST:** - Ch-6=Google Apps

**Activity:** - Create a document on Google Docs. Type story of your choice. Save it with the name "My First Google Doc". Try different fonts and features to make the text look interesting.

**SEPTEMBER:** - Exams

**OCTOBER:** - Ch-7= Latest Technological Developments  
Ch-8= Conditional Statements in Python

**Activity:** - Create PowerPoint presentation on Artificial Intelligence. Add appropriate Pictures, animations, voiceover and videos.

**Activity:** - Write a program to:-

- Print 1 to 100 using while loop.
- Print first 20 Odd numbers using while loop.

**NOVEMBER:** - Ch-9 Python- Loop and Functions

**Activity:** - Write a program to check if the input number is positive or negative

**DECEMBER:** - Ch-10 Artificial Intelligence

**Activity:** - PPT on AI Domains and Advantages

**SYLLABUS FOR F.A1-** 1, 2, 4 Chapters.

**SYLLABUS FOR F.A2** - 6, 7, 8 Chapters.

**S.A- 1ST** = Full syllabus of April to August

**S.A- 2ND** = Full syllabus of October to December

**JANUARY**= Revision

**FEBRUARY**=Revision, Practical

**MARCH**= Final Exams.

**A.A.R JAIN MODEL SEN. SEC. SCHOOL, DERA BASSI**  
**SESSION (2024-25)**  
**SYLLABUS**  
**FOR**  
**MIDDLE STAGE**

**CLASS: - 8TH**

**SUBJECT: - ENGLISH**

**APRIL:** - Honeydew L-1 The best Christmas present, Poem-1 (The ant and the cricket),  
It so happened L-1 How the camel got his hump

**Grammar:** - Parts of speech, Nouns, Pronouns, One word substitution

**Writing Section:** - Notice, Formal Letter

**Activity 1:-** Learn with fun (Sentences)

**Activity 2:-** learn with fun (Write an application for seeking permission to come late to school for some days due to the ongoing construction of road in your area)

**MAY:** - Honeydew: - L-2 The Tsunami, Poem- 2 (Geography lesson), It so happened:-  
L- 2 Children at work

**Grammar:** - Articles (A, AN, THE), Past Tense, Present Tense, Future Tense.

**Writing Section:** - Comprehension Check, Informal letters

**Activity 1:-** Learn with fun Articles

**Activity 2:-** Send an invitation letter to your friend who is staying in another city inviting him to your birthday party next month.

**JUNE:** - Do comprehensions worksheet 4 to 14

**JULY:** - Honeydew L-3 Glimps of past, L-4 Bipin Chaudhary's lapse of memory  
Poem-4 (The last bargain), It so happened:- L-3 The selfish Giant

**Grammar:-**Adjectives, Degrees of adjectives, Synonyms.

**Writing Section:** - Speech Writing, Paragraph Writing.

**Activity 1:-** Learn with fun with Articles

**Activity 2:-** Practice to deliver a speech in front of mirror

**AUGUST:** - Honeydew: - L-5 The summit within, Poem:- 5 (The school boy),  
It so happened: - L-4 The treasure within

**Grammar:-** Verb, Adverbs, Antonyms

**Writing Section:-** Article Writing, Dairy Entry

**Activity 1:-** Learn with fun present & future tense

**Activity 2:-** Make rule chart of tense on drawing sheet

**SEPTEMBER:** - Exams

**OCTOBER:** - Honeydew:- L-6 This is Jody's fawn, Poem:-6 (The duck and kangaroo),  
It so happened:- L- 5 Princess September, L-6 The Fight

**Grammar:** - Active Passive Voice, Jumbled Sentences.

**Writing Section:** - Formal E-mail, Informal E-mail

**Activity 1:-** Learn with fun Active Passive voice

**Activity 2:-** Try to send an E-mail to your friends and note down the steps you did to send an E-mail on a drawing sheet.

**NOVEMBER:** - Honeydew:- L-7 A visit to Cambridge, L-8 A short monsoon diary  
Poem:-8 (On the grasshopper and the cricket), It so Happened: - L-7  
Jalebis, L-8 The ancient education system

**Grammar:-**Conjunctions, Idioms, Prepositions, Interjections

**Writing Section:** - Advertisements, Story writing

**Activity 1:-** Learn with fun forms of verb

**Activity 2:-** Make the format of writing letter to editor

**DECEMBER:** - Literature: - Remaining chapters if any.

**Grammar:** - Remaining portion of grammar if any.

**Writing Section:-**Remaining portion of grammar if any.

**Activity 1:-** learn with fun Prepositions

**Activity 2:-** learn with fun Idioms and One word substitution

**JANUARY:** - Integrated grammar

- Close (gap filling)
- Sentence Recording
- Editing (error correction)

**FEBRUARY:** - Revision

**MARCH:** - Final Exams

**A.A.R JAIN MODEL SEN. SEC. SCHOOL, DERABASSI**  
**SESSION (2024-25)**  
**SYLLABUS**  
**FOR**  
**MIDDLE STAGE**

**CLASS: - 8<sup>TH</sup>**

**SUBJECT: - HINDI**

**APRIL** - 01 अप्रैल -1 01 अप्रैल 01 अप्रैल, 02 अप्रैल 01 अप्रैल

01 अप्रैल:- 01-01-1 01 अप्रैल , 01 अप्रैल , 01 अप्रैल 01 अप्रैल 01 अप्रैल -2 01 अप्रैल  
01 अप्रैल 01-3 01 अप्रैल,

01 अप्रैल 01 अप्रैल 01-1 01 अप्रैल 01 अप्रैल 01 अप्रैल 01 अप्रैल 01 अप्रैल 01 अप्रैल

**Activity :-** 01 अप्रैल 01 अप्रैल 01 अप्रैल 01 अप्रैल

**MAY** :- 01 मई 01 मई 3 01 मई 01 मई 01 मई- 4 01 मई 01 मई

01 मई:- 01- 01 मई 4 01 मई 01 मई , 01 मई 01 मई 5, 01 मई, 01 मई 6  
01 मई,

01 मई 7 01 मई,

01 मई 01 मई 01 मई 3 01 मई 01 मई 01 मई', 01 मई 4 01 मई 01  
01 मई

01 मई 01 मई 1 01 मई 6 01 मई

**Activity:-** 01 मई 01 मई 01 मई 01 मई 01 मई

**JUNE** :- Summer Vacations

**JULY** 01 जुलाई -01 जुलाई 5- 01 जुलाई 01 जुलाई 01 जुलाई, 01 जुलाई 6- 01 जुलाई 01 जुलाई

01 जुलाई:- 01- 01 जुलाई - 8 01 जुलाई 01 जुलाई -9 01 जुलाई 01- 10 01 जुलाई 01-11  
01 जुलाई,

01 जुलाई- 12 01 जुलाई 01 जुलाई 01 जुलाई, 01 जुलाई, 01 जुलाई 01 जुलाई 01 जुलाई

01 जुलाई - 5 01 जुलाई 01 जुलाई 01 जुलाई 7 01 जुलाई 13

**Activity -** 01 जुलाई 01 जुलाई 01 जुलाई 01 जुलाई 01 जुलाई

**AUGUST:-** 0000 000 -7 0000 00 00000000

00000000:- 000 -000000 00000000 00 00000000 000000 0000, 000000 0000,  
0000 24 00000000- 00000000000000 00 000 0000

**SEPTEMBER:-** Exam

**OCTOBER-** 0000 000 -8 0000000 000000 00000 -9 0000 000000 000 000 10  
000000 000000

00000000:- 000 - 000- 13 0000000 000 -14 0000000 000 -15 00  
0000000000 00 000 000

00000 00 000 0006 000000 000 00 000 7 000000 000 0000000000  
14 00 18

**Activity: -** 000000 00 000000 000000 00000 00000 000 000000

**NOVEMBER: -** 00000 000 11 0000000 00 00 000 12 00000 00 000000

00000000:- 000 000 16 0000000 000 17 0000000 000 19 000000 000000 0  
0000, 0000000000 , 000000 0000 , 00000000000  
00000 00 000 000 -8 00000 000- 9 00 000000 00000000,  
00000000 00 00000000000 00000000 19 00 24 000

**Activity:-** 00 00000000 00 000000 0000

**DECEMBER :-** 00000 000 13 000 00 0000

00000000 :- 000 - 000 21 000000 00000 00 000000000000 00000 -22 000000  
000000 0

0000 -4 00 000 00000 000000000 -000000000 , 0000000 00000  
'0000000 000000

**Activity -** 00000000000 0000000000 00 000000 00000000

**JANUARY-** Revision

FEBRUARY- Revision

MARCH- Annual exams

**A.A.R JAIN MODEL SEN. SEC. SCHOOL, DERABASSI  
SESSION (2024-25)  
SYLLABUS**

**FOR**

## MIDDLE STAGE

**CLASS: - 8<sup>TH</sup>**

**SUBJECT: - MATH**

### APRIL:-

Ch-1. Rational Number

Ch-2. Linear Equations in one variable

### MAY:-

Ch-5. Square and square roots

Ch-6. Cubes and cube roots

Ch-10. Exponents and Powers

### **Activity: -**

#### **Square & Square roots:-**

1. To observe some given number patterns and write their next three steps.

### JUNE: -Summer Vacations

### **Activity:-**

#### **Understanding quadrilateral:-**

1. To verify that sum of measures of exterior angles of a polygon is  $360^\circ$  by paper cutting and pasting.
2. To verify angle sum property of a quadrilateral

### JULY:-

Ch-4. Data Handling

Ch-7. Comparing Quantities

### **Activity:-**

#### **Understanding quadrilateral:-**

1. Verify that diagonals of a rectangle are equal in length.

### AUGUST:- Ch-11 Direct and inverse proportions

### SEPTEMBER: -1 Term Examination

### OCTOBER:-

Ch-3. Understanding Quadrilateral

Ch-9. Mensuration



**Activity:-**

**Mensuration:-**

1. To find the formula for the area of a trapezium by paper cutting and pasting.
2. To find the formula for the area of a parallelogram by paper cutting and pasting.

**NOVEMBER:-**

Ch- 8 Algebraic expressions and identities

Ch- 12 Factorization

Ch- 13 Introduction to graph

**Activity:-**

**Mensuration:-**

1. To derive the formula for lateral and total surface area of a cylinder by paper cutting.

**DECEMBER:** - Revision of Ch-1 & 5

**JANUARY:** -Revision

**FEBRUARY:** -Revision

**MARCH:** -Final Examination

**FA-1.** Ch-1. Rational Number

Ch-2. Linear Equations in one variable

**FA-2.** Ch-9. Mensuration

APRIL:-

Reader. 000 1 00000 00 00000, 000 -2 000 00000  
G B (000000) 0000 0000 (1st line) 000 0000 (1st line)  
0000 000 0000000 00 000000000, 0000 000 000000

**Activity -1** 00000 0000 000000 000000 000000 000000 0000 000 000000 00000 0

MAY-

Reader 000-3 0000000 00000000, 000-4 0000 0000 00 0000000  
(0000000) 0000000 0000 (1stline) 0000000 0000000 00 000 000 00000 (half)  
000- 0000 0000 0000 000 00 , 0000 00 00000  
0000 -000 0000 00 00000 0000000 0000 00000000 000000 0000 000 00  
0000000000 000000 00 00000  
000000 -00000000 000000 0000 00 000000 0

**Activity -1** 000 000000 0000 000000000 000000

JUNE - Summer Vacations

JULY-

Reader-000 -5 0000000 000-6only Reading 7 000000 00 0000000  
G.B 0000000) 000000-0000000 (half) 00000000 (1to30) 0000000000 000 0000000000  
000 000000,  
0000 0000  
000 -000 0000, 00000000, 000000 -000 000 00 00000  
0000- 0000 00 000 000000 000 00 0000 00 0000000 00000000 000 0000000  
00 000 000  
0000 00 0000 00000000 00 000 0000 00 0000 00 00000 0000000 00  
0000000 00 000000 000000

**Activity -1** 000000 00 0000000000 0000 0000 000 000 0000 00000

AUGUST -

Reader-000 -8 0000 00000000-9 0000 000000  
G.B-(0000000) 0000 0000 0000,0000000-0000000  
000- 0000 00 0000000 ,0000 0000 00 0000000 000000  
000000 -0000 000000 000 000000 000 000 000 00 0000 00000  
0000 00 0000 00000000 00 000 0000000 00 0000 00 0000 0000  
000000-0000 000000000 000 000, 000000000 000000 000000 0000000000

**Activity -** 0000 0000000 000 0000 000000 0000 00 00000000

SEPTEMBER - Exam

OCTOBER - Reader-000- 10 0000 000000 00000000 00 000- 11 0000 000000000 0000  
|

G.B- (000 000) 0000 0000 (2nd line)000 0000 (2nd line) 0000000 0000 (2nd  
line)|  
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000 -0000000000 , 00000000000 00 000 00 0000000

0000- 0000 000 000 0000 00 00000 00 00000  
000000 0000 00 00 000000 000000 00 0000000 0000000000 0000 00  
0000000 000000  
000000 -0000000000 00 000

**Activity -1** 0000 0000 0000 000 00 000000 0000000 0000000000 000 000 000  
0000 000000

NOVEMBER -Reader-000-12000000 000000 000-130000 00 000000000-14 000 000 0000  
00 00 00 |

G.B-(0000000)00000 0000 0000 ,000000 0000000 00 000 000 0000  
,000000000

000000000 -000, 0000000

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0000- 0000 00 0000 000000000 000 0000 0000 00 0000000000 000 00  
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0000000 0000 000 0000000000 0000 000000 00 00 000 000000 0000 0000000  
000 00 00000000 0000

00000- 0000000 00000000 000 000, 000 000 00 0000

**Activity -1** 0000 0000 000000 00 0000000 0000 000 000000 000000

DECEMBER - 1st term Revision.

Reader-000 -3 0000000 00000000 000 -9 0000 0000000

G.B 0000-(2nd line), 000 (2nd line)

JANUARY -

Reader-000 16 0000 0000 00 000 -17 0000 00 00000

G.B- 0000000 000000 (2ne line)

000 -00000000 00 0000 000000, 0000000000 00 0000000

0000- 0000 00 0000 00000000 00 000 00000000 0000 00 000000

0000 0000 000 000 000 000000 000000 0000000 00 000 000 000000 0000  
00 00000000 0000

**Activity –** 0000 0000 00 000 0000000000 00 0000 000000

FEBRUARY -Revision of full Syllabus

MARCH - Final Examination

FA1-000-1 000000 00 000000 000 -2 000 0000000 00000, 0000

FA-2 000 -10 0000 000000 00000000 00 000-11 0000 0000000000 00000

0000, 0000

S.A1-full syllabus of first term.

S.A2- syllabus of 2nd term + syllabus from 1st term.

000- 5 0000000, 000-12 000000 000000, 000000, 0000

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**SESSION (2024-25)**  
**SYLLABUS**  
**FOR**  
**MIDDLE STAGE**

**CLASS: - 8<sup>TH</sup>**

**SUBJECT: - SCIENCE**

APRIL: - Ch-1= Crop production and management  
Ch-2= Microorganism: Friend and foe

- Activity experiment-** 1. To separate healthy seeds from the unhealthy ones for Sowing.  
2. To observe the effect of manure and fertilizer on growth of seedling.  
3. To observe and study different kinds of microorganisms.

MAY: - Ch-5 = Coal and petroleum  
Ch-6= Combustion and flame,

- Activity experiment-** 1.To study the destructive distillation of coal.  
2. To study the various zones of a candle flame.

JUNE: - Vacations

JULY: - Ch-7=Conservation of plants and animals Ch-9= Reproduction in animals

- Activity experiment-** 1. To study binary fission in amoeba  
2. To study budding in hydra

AUGUST: - Ch-10=Reaching the age of adolescents

- Activity experiment-** 1. Collect more information on balanced diet and prepare a chart.

SEPTEMBER: - Exams

OCTOBER: - Ch-11= force and pressure, Ch-12= friction, 13-Sound

- Activity experiment-** 1. To show that sound cannot travel in vacuum it requires a Medium to travel.  
2. To show that the force of friction depends upon the nature of surfaces in contact.

NOVEMBER: - Ch-14= Chemical Effects of electric current  
Ch-15= Some natural phenomena

- Activity experiment-1.** To study electrolysis by electroplating an object with copper.

DECEMBER: - Ch-16= Light

- Activity experiment-** 1. To study the concept of multiple reflections.  
2. To show light travels in straight line.

JANUARY: - Revision

FEBRUARY: - Revision

MARCH: - Final Exams

SYLLABUS FOR: -

FA-1: - Ch-1, 2, 5

FA-2: - Ch-13, 14, 15

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SYLLABUS  
FOR  
MIDDLE STAGE**

**CLASS: - 8<sup>TH</sup>**

**SUBJECT: - S.S.T**

APRIL

Geography: - L-1 Resources, L- 2 Land soil water, Natural vegetation

History- L- 1 How When and where,

L- 2 from trade territory the company established power

**Activity-** Paste picture of Natural vegetation and wild life and write about it

Make an assignment on the topic The first freedom struggle

## MAY

History:- L- 3 Ruling the Country side

L-4 Tribal's Dikes and the vision of a golden Age (Activity)

Civics :- L- 1 Indian Constitution, L-2 Understanding Secularism

Map skill

**Activity-** write the Preamble of Indian Constitution

JUNE :- Summer Vacations

## JULY

History:- L- 5 When people Rebel – 1857

Civics - L- 3 Why do we need a parliament, L- 4 Judiciary

Map skill

## AUGUST

History:- L- 6 Civilizing the Native Education the Nation

Civics:- L- 5 Understanding Marginalized, L- 6 public facilities

Map skill

SEPTEMBER Exams

## OCTOBER

Geography:- L- 3 Agriculture,

History:- L- 4 Industries, L- 7 women caste and reform

Map skill

**Activity** – Paste the picture of great social reformers

### NOVEMBER

Geography: - L- 6 Human resource

History :- The Making of National movement 1870- 1947

Civics:- L – 7 Law and social justice

Map skill

DECEMBER Revision

JANUARY Revision

FEBRUARY Revision

MARCH:- Final Exam

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SYLLABUS**

**FOR**

**MIDDLE STAGE**

**CLASS: - 8<sup>TH</sup>**

**SUBJECT: - MORAL SCIENCE**



APRIL:- L-1 Being kind and gentle L-2 Developing self-esteem,  
L-3 Being self-disciplined.

MAY:- L-4 Importance of patience, L-5 A lesson for life, L-6 Right approach to work.

JUNE:- Go through the teachings of lessons

JULY:- L-7 Concern For Lessons , L-8 If you fail try again

AUGUST:- L-9 Think positive

SEPTEMBER:- Exams

OCTOBER:- L-10 Nipping It in the bud, L-11 Being a good citizen,  
L-12 Thinking out of the box.

NOVEMBER:- L-13 Tolerance matters, L-14 coping with stress,  
L-15 The lost necklace.

DECEMBER:- Remaining chapters if any

JANUARY :- Remaining chapters if any

FEBRUARY:- Revision

MARCH:- Final Exams

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**SYLLABUS**  
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**CLASS: - 8<sup>TH</sup>**

**SUBJECT: - DRAWING**

APRIL : 1) Elements of Art

2) Principal of Design

3) Still Life

4) Nature Study

MAY : 5) Bird Study

6) Animal Study

7) Art and Craft

8) Landscape

JUNE: - Vacations

JULY : 9) Human Anatomy

10) Sketching

11) Portrait

AUGUST : 12) Composition

13) Art and Craft

14) Poster Design

SEPTEMBER: - Exams

OCTOBER : 15) Folk Art

16) Free hand design

17) Nail Art

18) Cartoon Character

NOVEMBER: 19) Calligraphy

20) Collage

21) Art and Craft

DECEMBER: 22) Rangoli

JANUARY : 23) Legendary Artists

14) Poster Design - from First term.

FEBRUARY= Revision,

MARCH= Final Exams.

