

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

**SUBJECT: - HINDI**

**CLASS: - 7TH**

**अप्रैल बसंत :** पाठ -1 हम पंछी उन्मुक्त गगन के, पाठ -2 हिमालय की बेटियां

पाठ- 3 कठपुतली।

**व्याकरण:** पाठ-1 भाषा बोली लिपि और व्याकरण, पाठ-2 वर्ण विचार, पाठ -3 संधि ,  
पाठ-4 शब्द विचार आधा भाग) महाभारत :पाठ-1 से 8 तक पेज 1 से 19 तक,  
(प्रश्न 1 से 4 तक) रचनात्मक गतिविधि किसी एक पक्षी का चित्र बनाकर  
उसके बारे में लिखें।

**मई:** वसंत: पाठ-4 मिठाईवाला, पाठ -5 पापा खो गए, पाठ -6 शाम एक किसान ।

**व्याकरण :** पाठ -5 उपसर्ग, पाठ -6 प्रत्यय , पाठ -8 संज्ञा, पाठ -9 लिंग ,  
अनुच्छेद: पेज नंबर 208, 209, 210 1 से 5 तक , पाठ -22 अपठित बोध:  
पेज 198 से 200 पेज 203 से 204 महाभारत: पाठ -9 से 16 तक ,  
पेज 20 से 44 तक , प्रश्न 5 से 8 तक।

रचनात्मक गतिविधि अलग-अलग मिठाइयों के चित्र इकट्ठे कर उनका कोलाज  
बनाएं

**जुन:-** Summer Vacations

**जुलाई :** बसंत पाठ -7 अपूर्व अनुभव , पाठ -8 रहीम के दोहे , व्याकरण: पाठ 10 वाचन  
पाठ 11 कारक पाठ -12 सर्वनाम' पाठ- 21 मुहावरे और लोकोक्तियां (आधा भाग)  
पाठ- 26 संवाद लेखन, पेज 232 234 महाभारत : पाठ-17 से 23 तक पेज 45  
से 58 तक (प्रश्न 9 से 11 तक ) रचनात्मक गतिविधि कक्षा में मुहावरे और  
लोकोक्तियां की अंताक्षरी

**अगस्त :** व्याकरण पाठ -25 पत्र लेखन पेज 237-238

रचनात्मक गतिविधि- महाभारत में आए पत्रों के नाम की सूची बनाएं

**सितंबर:-** Exams

**अक्टूबर:** बसंत पाठ -9 एक तिनका, पाठ -10 खानपान की बदलती तस्वीर ,  
पाठ-11 नीलकंठ, पाठ -12 भोर और बरखा ।व्याकरण :पाठ -13 विशेषण,  
पाठ- 14 क्रिया ,पाठ- 15 काल, पाठ -18 वाक्य ,पाठ-22 अपठित बोध पेज  
201, 202, 205, 206, 207, पाठ-23 अनुच्छेद पेज 211 ,212 पाठ- 25 पत्र

पेज 226 227 5 से 7 तक ,पेज 229,230 ।महाभारत :पाठ- 24 से 31 तक  
पेज 59 से 77 तक प्रश्न 12 से 15 तक । रचनात्मक गतिविधि : मोर का चित्र  
बनाकर रंगीन पेपर से उसके पंख बनाएं ।

**नवंबर:-** बसंत :पाठ -13 वीर कुंवर सिंह, पा-14 संघर्ष के कारण मैं तुनक मिजाज हो- गया  
धनराज ,पाठ -15 आश्रम का अनुमानित व्यय ।व्याकरण पाठ- 19 शब्द और  
वाक्य रचना की अशुद्धियां ,पाठ- 20 विराम चिन्ह ,पाठ -26 संवाद लेखन ,  
पाठ -27 विज्ञापन पेज 241 ,पाठ -29 कहानी लेखन पेज 246, 247 महाभारत:  
पाठ 32 से 40 तक, पेज 60 से 96 तक प्रश्न 16 से 19 तक। रचनात्मक  
गतिविधि वीणा का चित्र बनाएं दिसंबर :दोहराई

**दिसंबर:-** दोहराई

**जनवरी:-** पाठ 4 शब्द विचार (आधा भाग) पाठ 21 मुहावरे और लोकोक्तियां (आधा भाग)

**फरवरी-** दोहराई

**मार्च:-** Final Exams

### **SYLLABUS FOR FA1**

वसंत -पाठ 1 हम पंछी उन्मुक्त गगन के, पाठ 2 हिमालय की बेटियां,  
व्याकरण: पाठ-1 भाषा बोली लिपि और व्याकरण ।

### **SYLLABUS FOR FA2**

पाठ-9 एक तिनका , पाठ- 10 खानपान की बदलती तस्वीर  
व्याकरण पाठ -12ल विशेषण  
Pervious Syllabus of 1st Term  
वसंत-पाठ 1 हम पंछी उन्मुक्त गगन के ,पाठ 5 मिठाई वाला  
व्याकरण पाठ 5 उपसर्ग

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**SYLLABUS**  
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**MIDDLE STAGE**

**CLASS: - 7<sup>TH</sup>**

**SUBJECT: - MORAL SCIENCE**

APRIL:- L-1 Being Patriotic, L-2 Love essence of life, L-3 Overcoming stage fright.

MAY:- L-4 Seeking peace, L-5 Gender equality, L-6 Learning to move on.

JUNE :- Go through the teachings of the lessons

JULY :- L-7 Making life worthwhile, L-8 Coexisting peacefully

AUGUST:- L-9 Judging fairly

SEPTEMBER:- Exams

OCTOBER :- L-10 Keep trying, L-11 Learn to help yourself, L-12 Empowering the differently able.

NOVEMBER:- L-13 Keeping humanity alive, L-14 Say no to plastic, L-15 A dam for feelings.

DECEMBER:- Remaining chapters if any.

JANUARY :- Remaining chapters if any

FEBRUARY:- Revision

MARCH:- Final Exams

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SESSION (2024-25)  
SYLLABUS  
FOR  
MIDDLE STAGE

**CLASS: - 7TH**

**SUBJECT: - DRAWING**

- APRIL :
- 1) Elements of Art
  - 2) Principal of Design
  - 3) Still Life
  - 4) Nature Study

- MAY :
- 5) Bird Study
  - 6) Art and Craft
  - 7) Animal Study
  - 8) Landscape

JUNE: - Vacations

- JULY :
- 9) Human Anatomy
  - 10) Sketching
  - 11) Portrait

- AUGUST: 12) Composition
- 13) Art and Craft
  - 14) Nail Art
  - 15) Cartoon Character

SEPTEMBER: - Exams

- OCTOBER: 16) Poster Design
- 17) Art and Craft
  - 18) Folk Art

NOVEMBER: 19) Calligraphy

DECEMBER: Revision,

- JANUARY: 20) Collage
- 21) Art and Craft.
  - 8) Landscape - from First term

FEBRUARY= Revision,

MARCH= Final Exams.

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**SYLLABUS**  
**FOR**  
**MIDDLE STAGE**

**CLASS: - 7<sup>TH</sup>**

**SUBJECT: - COMPUTER**

APRIL: - Ch-1 Number System

**Activity:** - Draw the operation on binary numbers, link Table form.

MAY: - Ch-2 Charts in Excel MS Excel 2016  
Ch-3 Advanced Features of MS Excel

**Activity:** - Create a different types of chart in MS-Excel in computer Lab.

**Activity:** - Make a list of your friends in MS Excel. Make columns for the distance of Their home from school. Distance of post office from their home etc.

JUNE: - Vacations

JULY: - Ch-4 More On Animate CC  
Ch-5 Tags and attributes in HTML

**Activity:** - Create a shape Tween to change the shape of an oval into a hexagon and a Triangle into a square simultaneously.

**Activity:** - Create a web page using the appropriate HTML tags. The title of the web page should be 'Earth day' Background colour of the page is 'cyan' and text colour is 'Green'.

AUGUST: - Ch-6= List and Tables in HTML

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

SEPTEMBER: - Exams

OCTOBER: - Ch-7= More on Internet  
Ch-8= Algorithms and Flowcharts

**Activity:-** Create an E-Mail address on yahoo.com.websites.

**Activity:-** Write an algorithm and draw a flowchart to check weather a given number is Even or odd.

NOVEMBER:- Ch-9 Introduction to Programming

**Activity:** - write a program to add two numbers entered by the user

DECEMBER:- Artificial Intelligence

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.

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**CLASS: - 7TH**

**SUBJECT: - PUNJABI**

**APRIL:-**

Reader - ਪਾਠ -1 ਪ੍ਰਣ

ਪਾਠ -2 ਬੁੱਧੀਮਾਨ ਬਜ਼ੁਰਗ

Grammar -ਪਾਠ-1 ਭਾਸ਼ਾ ਅਤੇ ਵਿਆਕਰਨ, ਪਾਠ -2 ਧੁਨੀ ਜਾਂ ਅੱਖਰ, ਲਿੰਗ ਬਦਲੇ, ਵਚਨ ਬਦਲੇ, ਵਿਰੋਧੀ ਸ਼ਬਦ (ਅੱਧਾ ਭਾਗ)  
ਆਪਣੇ ਮੁੱਖ ਅਧਿਆਪਕਾ ਜੀ ਨੂੰ ਜੁਰਮਾਨਾ ਮੁਆਫੀ ਲਈ ਬਿਨਾਂ ਪੱਤਰ ਲਿਖੋ।

**Activity: -** ਫੁੱਲਾਂ ਦੇ ਨਾਂ ਪੰਜਾਬੀ ਅਤੇ ਅੰਗਰੇਜ਼ੀ ਵਿੱਚ ਲਿਖੋ (ਪੇਜ 11)

**MAY:-**

Reader- ਪਾਠ -3 ਪ੍ਰਵਾਸੀ ਪੰਛੀ

ਪਾਠ -4 ਦਾਦੀ ਦੀ ਸਿਫਤ

ਪਾਠ -5 ਚਾਰ ਲਕੀਰਾਂ

Grammar -ਪਾਠ -3 ਲਗਾਂ ਮਾਤਰਾਵਾਂ ਅਤੇ ਲਗਾਖਰ

ਪਾਠ -6 ਸ਼ਬਦ ਬੋਧ

ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ , ਅਗੇਤਰ ਪਿਛੇਤਰ,

ਲੇਖ-ਸਵੇਰ ਦੀ ਸੈਰ , ਕਹਾਣੀ- ਉਪਕਾਰ

**Activity: -** ਚਿੱਤਰ ਵਰਨ (ਪੇਜ 42)

**JUNE: - Vacation**

**JULY:-**

Reader-ਪਾਠ -6 ਰੈਡਕ੍ਰਾਸ (only for reading)

ਪਾਠ -7 ਨਿਊਟਨ

ਪਾਠ -8 ਅਪੰਗ

Grammar:-ਪਾਠ -5 ਨਾਂਵ, ਪਾਠ-8 ਪੜਨਾਂਵ

ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ

ਮੁਹਾਵਰੇ (1- 25 )

ਬਿਨੈ ਪੱਤਰ - ਨਗਰ ਨਿਗਮ ਦੇ ਪ੍ਰਧਾਨ ਨੂੰ ਇਲਾਕੇ ਦੀ ਸਫਾਈ ਤੇ ਬਿਜਲੀ ਦੀ ਮਾੜੀ ਹਾਲਤ ਬਾਰੇ ਦੱਸਦੇ ਹੋਏ ਬਿਨੈ ਪੱਤਰ

ਲੇਖ -ਪ੍ਰਦੂਸ਼ਣ, ਕੰਪਿਊਟਰ ਦਾ ਮਹੱਤਵ

ਕਹਾਣੀ- ਲਾਲਚੀ ਕਿਸਾਨ

**Activity: -** ਆਪਣੇ ਮਨ ਪਸੰਦ ਅਧਿਆਪਕ ਬਾਰੇ 10 ਲਾਈਨਾਂ ਲਿਖੋ

**AUGUST:-**

Reader- ਪਾਠ -9 ਸਾਡੇ ਵਿਹੜੇ ਵਿੱਚ ਖਿੜਿਆ ਗੁਲਾਬ ਨੀ ਸਈਓ

Grammar:- ਲੇਖ- ਵਰਖਾ ਰੁੱਤ

ਬਿਨੈ ਪੱਤਰ- ਮੋਟਰ ਸਾਈਕਲ ਚੋਰੀ ਹੋਣ ਦੀ ਰਿਪੋਰਟ ਦਰਜ ਕਰਾਉਣ ਲਈ, ਆਚਰਨ ਸਰਟੀਫਿਕੇਟ ਲੈਣ ਲਈ ਬਿਨੈ ਪੱਤਰ  
ਕਹਾਣੀ -ਕਰ ਭਲਾ ਹੋ ਭਲਾ

**Activity:-** ਰੁੱਖ ਦਾ ਚਿੱਤਰ ਬਣਾ ਕੇ ਉਸਦੇ ਲਾਭ ਲਿਖੋ।

SEPTEMBER- Exam

OCTOBER:-

ਪਾਠ-10- ਮਹਾਂਨਗਰਾਂ ਦੀ ਜੀਵਨ ਸ਼ੈਲੀ

ਪਾਠ- 11 ਮਿੱਠਬੋਲੜਾ

ਪਾਠ- 12 ਮਾਵਾਂ ਠੰਡੀਆਂ ਛਾਵਾਂ

Grammar:-ਪਾਠ 10 ਵਿਸ਼ੇਸ਼ਣ, ਪਾਠ 11 ਕਿਰਿਆ

ਲਿੰਗ ਬਦਲੇ ,ਵਚਨ ਬਦਲੇ ,ਵਿਰੋਧੀ ਸ਼ਬਦ,(ਅੱਧਾ ਭਾਗ)

ਲੇਖ -ਦੀਵਾਲੀ ,ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ

ਕਹਾਣੀ- ਬੁਰੀ ਸੰਗਤ

ਆਪਣੇ ਪਿਤਾ ਜੀ ਨੂੰ ਚਿੱਠੀ ਲਿਖ ਕੇ ਦੱਸੋ ਕਿ ਤੁਹਾਡੇ ਇਮਤਿਹਾਨ ਕਿਹੋ ਜਿਹੇ ਹੋਏ ਹਨ।

**Activity:-** ਚਿੱਤਰ ਬਣਨ (ਪੇਜ 83)

NOVEMBER:-

Reader:-ਪਾਠ 13 ਸਾਡੀ ਸਮਝ

ਪਾਠ 14 ਬਹਾਦਰ ਸਿੰਘ ਬੱਲ-ਬਜ਼ੁਰਗ ਖਿਡਾਰੀ(only for reading)

ਪਾਠ 15 11 ਹਰਾ ਭਰਾ ਜੱਗ ਨੂੰ ਬਣਾਉਂਦੇ ਭਲਾ ਕੋਣ

Grammar:- ਪਾਠ 12 ਕਾਲ, ਪਾਠ 13 ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ ,ਪਾਠ 14 ਸੰਬੰਧਕ

ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ , ਅਸੁੱਧ-ਸੁੱਧ,ਲੇਖ- ਵਿਗਿਆਨ ਦੇ ਚਮਤਕਾਰ

ਕਹਾਣੀ- ਸਾਰਸ ਅਤੇ ਲੁੰਬੜੀ

ਪਤਰ- ਮਿੱਤਰ ਨੂੰ ਪਾਸ ਹੋਣ ਤੇ ਵਧਾਈ ਪੱਤਰ ,ਛੋਟੇ ਭਰਾ ਨੂੰ ਪੜ੍ਹਾਈ ਦੇ ਨਾਲ ਨਾਲ ਖੇਡਣ ਦੀ ਪ੍ਰੇਰਨਾ ਦੇਣ ਲਈ ਪੱਤਰ

**Activity:-** ਸਤਰੰਗੀ ਪੀਂਗ ਦੇ ਰੰਗਾਂ ਦੇ ਨਾਂ

DECEMBER:- revision

JANUARY:-

Reader:-ਪਾਠ 16 ਮਿਨੀ ਕਹਾਣੀਆਂ

ਪਾਠ 17 ਸੱਚਾ ਨਿਆਂ

Grammar:-ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ, ਮੁਹਾਵਰੇ (26-50)

ਲੇਖ- ਸਮੇਂ ਦੀ ਕਦਰ ,ਕਹਾਣੀ -ਆਲਸ ,

ਮਿੱਤਰ/ਸਹੇਲੀ ਨੂੰ ਭਰਾ ਦੇ ਵਿਆਹ ਵਿੱਚ ਸ਼ਾਮਲ ਹੋਣ ਲਈ ਸੱਦਾ ਪੱਤਰ ਲਿਖੋ।

FEBRUARY:- Revision

MARCH:- Exam



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**CLASS: - 7TH**

**SUBJECT: - ENGLISH**

**APRIL:** - Honeycomb L-1 Three Questions, Poem-1 (The Squirrel), An alien hand L-1

The tiny teacher

**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 a letter for forgiveness from your teacher as you have lost your notebook during holidays.)

**MAY:** - Honeycomb: - L-2 A gift of chappals, Poem-2 (The rebel), An alien hand:- L-2

Bringing up kari,

**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:-** Make a proper chart of all tenses

**JUNE:** - Do comprehensions worksheet 4 to 12

**JULY:** - Honeycomb L-3 Gopal & the Hilsa fish, Poem-3 (The shed),

An alien hand: - L-5 Golu grows a nose

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

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

**Activity 1:-** Learn with fun with degrees of Adjectives

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

**AUGUST:** - Honeycomb: - L-4 Ashes that made trees bloom, Poem 4:- (Chivvy),

An alien hand L-7 Chandni

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

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

**Activity 1:-** Learn with fun by writing a diary entry about one of your day

**Activity 2:-** Make a chart of verb and adverb on drawing sheet

**SEPTEMBER:** - Exams

OCTOBER: - Honeycomb:- L-5 Quality, 6 Expert Detectives, Poem-7

(Dad and the cat and the tree), An alien hand: - L-8 The bear story

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: - Honeycomb: - L-7 The invention of vita wonk, An alien

hand:- L-9 A tiger in the house, L-10 An alien hand

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 (Make a scrap file on different parts of speech)

Activity 2:- Write some interesting facts you have grabbed till now from the stories you have studied in the literature book.

JANUARY: - Integrated grammar

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

FEBRUARY: - Revision

MARCH: - Final Exams

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**CLASS: - 7<sup>TH</sup>**

**SUBJECT: - MATH**

**APRIL:** - Ch- 1 integers  
Ch- 2 fractions and decimals

**Activities:-**

1. To understand multiplication division of integers in a practical manner
2. To learn multiplication of fractions using the graph paper

**MAY:** - Ch- 4 simple equation  
Ch- 5 lines and angles  
Ch-12 symmetry (activity based)

**Activities:-**

1. To verify relationship between pair of vertically opposite angles
2. To learn the concept of rotational symmetry in different shapes

**JUNE:** - summer vacations

**JULY:** - Ch- 6 triangles and its properties  
Ch- 8 rational numbers

**Activities :-**

1. Understand the concept of medians of a triangle
2. Understand subtraction of rational numbers using number line.

**AUGUST:** - Ch 3 Data handling

**Activities:-**

1. To compare the marks obtained by 5 students in two different subjects using bar graph

**SEPTEMBER:** - 1st term examination

**OCTOBER:** - Ch 7 comparing quantities  
Ch 9 perimeter and area

**Activities:-**

1. To find the percentage of the given quantity using graph paper
2. To verify the formula of area of a circle by paper cutting and pasting activity

NOVEMBER:- Ch-10 algebraic expressions  
Ch-11 exponents and powers  
Ch -13 visualizing solid shapes (Activity based)

**Activities:-**

1. To find the value of powers of 2 and 3 by paper folding activity
2. To draw a oblique and isometric sketches of cube.

DECEMBER:- Ch- 4 simple equation (revision)

JANUARY:- Ch- 8 rational numbers (revision)

FEBRUARY:- Revision

MARCH:- final Examination

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

**CLASS: - 7<sup>TH</sup>**

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

**APRIL**

Geography : - L-1 Environment L- 2 Inside the Earth

History :- L- 1 Tracing change through a thousand year  
L- 2 The Kings and Kingdoms

Civics:- L – 1 On Equality

**Activity** Fill State & capital in Political Map

**MAY**

Geography;- L – 3 Our changing earth L – 4 Air

History :- L- 3 New kings and kingdoms. L-4 Delhi Sultans (Activity)

Civics:- L- 2 Role of Government . L – 3 How the state Govt. works.

**Activity** Make an assignment on Delhi Sultans.

**JUNE** :- Summer Vacations

**JULY**

Geography:- L- 5 Water

Civics :- L- 4 Growing up as boys and girls L - 5 Women change the world

**Activity** Debate competition on Topic Woman change the World.

Fill Map skill Page no. 1 to 25.

**AUGUST**

History :- L- 7 Tribes, Nomads and settled communities

Civics :- L- 6 Understanding media

**SEPTEMBER** Exams

## OCTOBER

- Geography :- L- 7 Human Environment  
L - 8 Devotional paths to the Divine  
Activity L – 9 Making of Regional Culture  
Civics L- 7 Market around us  
Activity Fill Map skill Page no. 26 to 40

## NOVEMBER

- Geography :- L- 9 Life of Desert  
History :- L- 9 18th Century Political information  
Civics :- L – 8 A shirt in the Market (Activity)  
Activity Make a Poster on Life of Desert People

DECEMBER Revision

JANUARY Revision

FEBRUARY Revision

MARCH:- Final Exam

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

**SUBJECT: - SCIENCE**

**CLASS: - 7TH**

APRIL - L= 1 Nutrition in plants, L= 2 Nutrition in animals

**Activity Experiment 1-** To study the role of sunlight during photosynthesis.

**Activity Experiment 2-** To study different parts of human digestive system.

MAY - L= 3 Heat, L= 4 Acids, bases and salts

**Activity Experiment 3-** To show that dark colored objects absorb more heat than Light colored objects.

**Activity Experiment 4-** To find the nature of different solution using red and blue Litmus paper.

JUNE - Vacations

JULY - L=5 Physical and chemical changes, L= 11 Light

**Activity Experiment 5** - To show that heating of magnesium ribbon is a chemical Change.

**Project-** Prepare a model showing photosynthesis

AUGUST - L = 13 Waste water story

SEPTEMBER - Exams

OCTOBER - L= 6 Respiration in organisms, L= 7 Transportation in animals and plants

**Activity Experiment 6-** To show that CO<sub>2</sub> is produced during respiration.

**Activity Experiment 7-** To study transportation of water through cells

NOVEMBER - L= 8 Reproduction in plants, L=9 Motion and Time

**Activity Experiment 8-** To demonstrate budding in yeast cells.

**Activity Experiment 9-** To calculate the time period of a simple pendulum.

DECEMBER- L= 10 Electric current and its effects, L= 12 Forests: Our Life line

**Activity Experiment 10** - To draw open and closed circuit.

**Project** - Prepare working model of respiratory system

JANUARY - Revision

FEBRUARY - Revision

MARCH - Final exams

SYLLABUS FOR FA1- L= 1, 2

SYLLABUS FOR FA2- L= 3, 4