

Maharaja Agrasen Model School

Syllabus Plan (Session 2024-25)

CLASS - VII

SUBJECT- ENGLISH

Learning Outcomes:

Students will be able to:

- build greater confidence and proficiency in oral and written communication
- develop the ability and knowledge required in order to engage in independent reflection and inquiry
- use appropriate English to communicate in various social settings
- equip learners with essential language skills to question and to articulate their point of view
- enable the learner to access knowledge and information through reference skills (consulting a dictionary / thesaurus, library, internet, etc.)
- develop curiosity and creativity through extensive reading
- facilitate self-learning to enable them to become independent learners
- review, organise and edit their own work and work done by peers
- integrate listening and speaking skills in the curriculum

TEXTBOOKS:

LITERATURE READER: 21st Century English

PUBLISHER: Burlington

SUPPLEMENTARY READER: Tsunami

PUBLISHER: Burlington

GRAMMAR BOOK: Burlington English Grammar

PUBLISHER: Burlington

MONTHLY SYLLABUS PLAN

APRIL & MAY

Literature - L-2 The Elroom, Poem: If

Grammar - Nouns, Pronouns, Quantifiers, Determiners, Subject Verb Agreement

Writing Skill : Poster Making

Comprehension : Unseen Passage/ Poem

Revision - Periodic Test 1

Supplementary Reader- Story1 : Kenta

Periodic Test 1

Comprehension : Unseen Passage/Poem

Writing Skill : Descriptive Essay

Grammar : Nouns, Pronouns, Quantifiers, Determiners, Subject Verb Agreement

Literature: L-2 Beginning Life as a Printer, Poem : The Painted Ceiling

JULY

Literature - L-1 A Horseman in the Sky

Writing Skill: Informal Letter

Grammar :Simple Present and Present Continuous Tense, Stative Verbs, Simple Past, Past Continuous, Vocabulary:

Supplementary Reader: Story 2: Michiko

AUGUST

Comprehension : Unseen Passage/ Poem

Grammar : Present Perfect and Present Perfect Continuous Tense, Past Perfect and Past Perfect Continuous Tense, Future Tenses, Vocabulary:

Literature: L-3 Why I Write

Writing Skill : Poster Making, Informal Letter

SEPTEMBER

Revisions

Mid Term Exam

Comprehension : Unseen Passage/Poem

Writing Skill : Poster Making , Informal Letter

Grammar : Determiners, Subject- Verb Agreement, Tenses(all)

Literature : L-1 A Horseman in the Sky, L-2 The Elroom, L-3 Why I Wish, Poem: If

Supplementary Reader: Story 1: Kenta, Story 2: Michiko

OCTOBER

Literature - L- 4 The Two Miler

Grammar- Kinds of Sentences, Phrases and Clauses

Writing Skill : Formal Letter Writing

Comprehension : Unseen Passage/ Poem

Supplementary Reader : Story 3: Hideki

NOVEMBER

Literature: L-5 The Story of Bitaram

Grammar-Adjectives and Adverbs, Conjunctions, Interjections

Writing Skill : Dialogue Writing

Comprehension : Unseen Passage

Supplementary Reader : Story 4: Taka

Periodic Test II

Comprehension : Unseen Passage

Writing Skill: Dialogue Writing, Formal Letter

Grammar: Kinds of Sentences, Phrases and Clauses, Adjectives and Adverbs

Literature : L-4 The Two Miler , L-5 The Story of Bitaram

DECEMBER

REVISIONS for PT2

Literature : L-6 Julius Caesar

Grammar: Gerunds and Infinitives, Reported Speech

Comprehension : Unseen Passage

Writing Skill : Descriptive Essay Writing

Supplementary Reader : Story 5: Nao

JANUARY

Literature : Poem: O Captain! My Captain

Grammar- wish, The Causative

Comprehension : Unseen Passage/Poem

Writing Skill : Dialogue Writing

Supplementary Reader : Story 6: Masato

FEBRUARY

Comprehension : Unseen Passage/Poem

REVISIONS

MARCH

REVISIONS FOR ANNUAL EXAMS

Annual Examination

Comprehension : Unseen Passage/Poem

Writing Skill : Descriptive Essay, Dialogue Writing

Grammar : Direct & Indirect Speech, Prepositions, Conjunctions

Literature : L-4 The Two Miler, L-5 The Story of Bitaram, L-6 Julius Caesar, Poem: O Captain! My Captain,

Supplementary Reader: Story 4: Taka, Story 5: Nao, Story 6: Masato

हिंदी-विषय

शिक्षण उद्देश्य-

-मातृभाषा के ज्ञान द्वारा छात्रों को स्वतंत्र और मौखिक रूप से अपने विचारों को अभिव्यक्त करने के योग्य बनाना,

-छात्रों के शब्द-कोष का विकास करना,

-विभिन्न विधाओं द्वारा कल्पनाशीलता, सृजनात्मक शक्ति का विकास करना,

-हिंदी के साहित्य, अखबार व पत्रिकाओं को पढ़कर समझ पाना और उसका आनंद उठाने के योग्य बनाना,

7-शब्द-भंडार की वृद्धि से भाषा को सशक्त बनाना।

हिन्दी भाषा सीखने के प्रतिफल

विद्यार्थी-

-विभिन्न प्रकार की रचनाओं को पढ़कर समूह में चर्चा करते हैं।

-किसी सामग्री को पढ़ते हुए लेखन द्वारा रचना के परिप्रेक्ष्य में कहे गए विचार को समझकर और अपने अनुभवों के साथ उसकी संगति, सहमति या असहमति के संदर्भ में अपने विचार अभिव्यक्त करते हैं।

-किसी चित्र या दृश्य को देखने के अनुभव को अपने ढंग से मौखिक भाषा में व्यक्त करते हैं।

-पढ़ी गई सामग्री पर चिंतन करते हुए बेहतर समझ के लिए प्रश्न पूछते हैं, परिचर्चा करते हैं।

-अपने परिवेश में मौजूद लोककथाओं और लोकगीतों के बारे में चर्चा करते हैं और उनकी सराहना करते हैं।

-विभिन्न स्थानीय सामाजिक एवं प्राकृतिक मुद्दों/घटनाओं के प्रति अपनी प्रतिक्रिया देते हैं, जैसे- बरसात के दिनों में हरा भरा होना? विषय पर चर्चा।

-विविध कलाओं, जैसे प्रयोग होने वाली भाषा के बारे में जिज्ञासा व्यक्त करते हैं, उन्हें समझने का प्रयास करते हैं।

-सरसरी तौर पर किसी पाठ्यपुस्तक को पढ़कर उसकी उपयोगिता के बारे में बताते हैं।

-किसी पाठ्यवस्तु की बारीकी से जांच करते हुए उसमें किसी विशेष बिंदु को खोजते हैं।

-विभिन्न पठन सामग्री में प्रयुक्त शब्दों, मुहावरों लोकोक्तियों को समझते हैं, उनकी सराहना करते हैं।

-कहानी, कविता आदि पढ़कर लेखन के विभिन्न तरीकों और शैलियों को पहचानते हैं, जैसे- वर्णनात्मक, भावात्मक, प्रकृति चित्रण आदि।

-किसी पाठ्य पुस्तकों को पढ़ने के दौरान समझने के लिए जरूरत पड़ने पर अपने किसी सहपाठी या शिक्षक की मदद लेकर उपयुक्त संदर्भ सामग्री जैसे शब्द को मानचित्र, इंटरनेट या अन्य पुस्तकों की मदद लेते हैं।

-विविध कलाओं जैसे हस्तकला, वास्तुकला, खेतीवाड़ी नृत्य-कला करते हुए उसकी सराहना करते हैं।

-भाषा की बारीकियों व्यवस्था तथा नए शब्दों का प्रयोग करते हैं, जैसे- किसी कविता में प्रयुक्त शब्द विशेष, पदबंध का प्रयोग-आप बढ़ते हैं तो बढ़ते ही चले जाते हैं।

-विभिन्न अवसरों/संदर्भों में कहीं जा रही दूसरों की बातों को अपने ढंग से लिखते हैं, जैसे- अपने गाँव की चौपाल की बातचीत या अपने मोहल्ले के लिए तरह-तरह के कार्य करने वालों की बातचीत।

-अपने अनुभवों को अपनी भाषा शैली में लिखते हैं।

-विभिन्न विषयों और उद्देश्यों के लिए लिखते समय उपयुक्त शब्दों वाक्य संरचनाओं, मुहावरों, लोकोक्तियों, विराम-चिन्हों एवं अन्य व्याकरणिक इकाइयों, जैसे- काल, क्रियाविशेषण, शब्द-युग्म आदि का प्रयोग करते हैं।

पाठ्य-पुस्तक-

1. वसंत भाग 2 - NCERT

http://ncertbooks.prashanthellina.com/class_7.Hindi.Vasant/index.html

2. बाल महाभारत कथा

<https://freehomedelivery.net/wp-content/uploads/2016/12/NCERT-Hindi-Class-7Hindi-Part-1.pdf>

3. व्याकरण नींव (7) -लेखक – डॉ. अंशुमन- न्यू थीम एजुकेशन

अप्रैल-मई' 2024

वसंत- 1.हम पंछी उन्मुक्त गगन के

2. हिमालय की बेटियाँ

बाल महाभारत कथा- पाठ 1 से 5 तक

महाभारत कथा और देवव्रत से कुंती

व्याकरण नींव 1.भाषा,लिपि और व्याकरण।

2.वर्ण और वर्णमाला

-पर्यायवाची शब्द - 1 से 10 आँख से दूध, -विलोम शब्द- 1 से 19 लघु से अपमान,

-अनेकार्थक शब्द - 1 से 7 अंबर से गुण,

-श्रुतिसमभिन्नार्थक शब्द- 1 से 5 अचल से आचार,

-अनेक शब्दों के लिए एक शब्द- 1 से 7 जो पहले कभी न हुआ हो से गगन को छूने वाला

मुहावरे- 1 से 7 अक्ल का दुश्मन से आपे से बाहर होना

6,अपठित गद्यांश, अनुच्छेद व चित्र -वर्णन,

मई' 2024

सामयिक परीक्षा -1 के लिए पुनरावृत्ति

बाल महाभारत कथा- पाठ 6 से 10 तक

भीम से पाण्डवों की रक्षा तक

वसंत- 3. कठपुतली

जुलाई' 2024

वसंत- 4. मिठाईवाला

बाल महाभारत कथा- पाठ 11से 15तक

द्रौपदी-स्वयंवर से चौसर का खेल व द्रौपदी की व्यथा

व्याकरण- 5.शब्द-निर्माण -उपसर्ग, प्रत्यय,

6.शब्द-विचार,

अनुच्छेद लेखन, अनौपचारिक पत्र-लेखन

अगस्त' 2024

वसंत-

पाठ-5 पापा खो गए (अभिनय द्वारा)

पाठ-6 शाम-एक किसान (कविता)

बाल महाभारत कथा- पाठ 16से 20 तक

धृतराष्ट्र की चिंता से यक्ष प्रश्न व्याकरण- 8.संज्ञा, 9 संज्ञा के विकार लिंग, वचन,कारक

शब्द भंडार

सितंबर' 2024

व्याकरण- 10. सर्वनाम

शब्द भंडार

-पर्यायवाची शब्द -11 से 20 नदी से बिजली, -विलोम शब्द- 20 से 38 कठोर से जवाब,

-अनेकार्थक शब्द-8 से 14 दल से योग, -,

-श्रुतिसमभिन्नार्थक शब्द- 6 से 10 अंतर से कोश,

-अनेक शब्दों के लिए एक शब्द 8से 15 अधिक बोलने वाला से जिसकी पत्नी मर गई हो ,

मुहावरे-8 से 15 आकाश-पाताल एक करना से ईद का चाँद होना, -लोकोक्तियाँ 1 से 5 एक पंथ दो काज

से खोदा पहाड़, निकली चुहिया,

अपठित-गद्यांश, अनुच्छेद-लेखन, अनौपचारिक पत्र-लेखन,
चित्र -वर्णन ,संवाद- लेखन
पुनरावृत्ति कार्य मध्यावधिक परीक्षा-

अक्टूबर' 2024

वसंत-पाठ- 7.अपूर्वअनुभव

8. रहीम के दोहे

पाठ-13 वीर कुँवर सिंह (पठन-पाठन)

बाल महाभारत कथा- पाठ 21से 25तक

अज्ञातवास से राजदूत संजय

व्याकरण- 11.विशेषण,

नवंबर' 2024

वसंत-9 . एक तिनका

पाठ-13 वीर कुँवर सिंह (पठन-पाठन)

14. संघर्ष के कारण मैं तुनुक मिजाज (पठन-पाठन)

बाल महाभारत कथा- पाठ 26से 30तक

शांतिदूत श्रीकृष्ण से सातवां, आठवां और नवाँ दिन

व्याकरण- 11.विशेषण, 12.क्रिया

पर्यायवाची शब्द -21 से 30 बाल से अंडा, -विलोम शब्द- 39 से 53 अदृश्य से मधुर,

-अनेकार्थक शब्द- 15 से 21 उपचार से पक्ष,

-श्रुतिसमभिन्नार्थक शब्द- 11 से 15 गृह से निर्धन,

-अनेक शब्दों के लिए एक शब्द 16 से 23 जो सब कुछ जानता हो से जो दूसरों से ईर्ष्या करता हो ,

मुहावरे 16 से 22 कान भरना से नौ-दो ग्यारह होना, - लोकोक्तियाँ 6 से 10 आम के आम गुठलियों के

दाम से अपना हाथ जगन्नाथ ,

अपठित-गद्यांश, अनुच्छेद-लेखन,चित्र -वर्णन ,संवाद- लेखन

दिसंबर' 2024

वसंत-10. खानपान की बदलती तस्वीर

वसंत-11. नीलकंठ

15.आश्रम का अनुमानित व्यय (पठन-पाठन)

महाभारत कथा- पाठ 31से 35तक

भीष्म शर -शय्या पर से भूरिश्रवा , जयद्रथ और आचार्य द्रोण का अंत

व्याकरण- 13.अव्यय

जनवरी' 2025

वसंत-11. नीलकंठ

12. भोर और बरखा,

बाल महाभारत कथा- पाठ 36से 40तक

कर्ण और दुर्योधन भी मारे गए से श्रीकृष्ण और युधिष्ठिर

व्याकरण- 14. वाक्य- विचार, 15. विराम-चिह्न 16. वर्तनी एवं वाक्य अशुद्धि शोधन

पर्यायवाची शब्द -31 से 40 पक्षी से दिनकर, -विलोम शब्द- 54 से 68 मृत्यु से विष,
-अनेकार्थक शब्द-22 से 29 बल से कृष्ण, -,
-श्रुतिसमभिन्नार्थक शब्द- 16 से 20 तप से प्रणाम,
-अनेक शब्दों के लिए एक शब्द 24से 31 जो कम खर्चा करता हो से जिसकी उपमा न की जा सके,
मुहावरे-23 से 30 जली-कटी सुनाना से छाती पर मूँग दलना, - लोकोक्तियाँ 11 से 15 अंधों में काना
राजा से एक हाथसे ताली नहीं बजती ,
अपठित-गद्यांश, अनुच्छेद-लेखन,चित्र-वर्णन, विज्ञापन-लेखन, पत्र-लेखन, संवाद-लेखन।

फरवरी' 2025

अपठित-गद्यांश, अनुच्छेद-लेखन,चित्र-वर्णन, विज्ञापन-लेखन, पत्र-लेखन, संवाद-लेखन।

अभ्यास-कार्य, पुनरावृत्ति कार्य

मार्च' 2025

पुनरावृत्ति कार्य, वार्षिक परीक्षा

सामयिक परीक्षा - I

वसंत- 1.हम पंछी उन्मुक्त गगन के,

2. हिमालय की बेटियाँ

बाल महाभारत कथा- पाठ 1 से 5तक

महाभारत कथा और देवव्रत से कुंती

व्याकरण नींव- 1.भाषा,लिपि और व्याकरण

2.वर्ण और वर्णमाला

-पर्यायवाची शब्द - 1 से 10 आँख से दूध, -विलोम शब्द- 1 से 19 लघु से अपमान,

-अनेकार्थक शब्द - 1 से 7 अंबर से गुण,

-श्रुतिसमभिन्नार्थक शब्द- 1 से 5 अचल से आचार,

-अनेक शब्दों के लिए एक शब्द- 1 से 7 जो पहले कभी न हुआ हो से गगन को छूने वाला

मुहावरे- 1 से 7 अक्ल का दुश्मन से आपे से बाहर होना

6. अपठित गद्यांश, अनुच्छेद लेखन व चित्र वर्णन,

मध्यावधिक परीक्षा-

वसंत- 1.हम पंछी उन्मुक्त गगन के

2. हिमालय की बेटियाँ

पाठ-3. कठपुतली

पाठ-5. मिठाईवाला

पाठ-6 शाम-एक किसान (कविता)

बाल महाभारत कथा- पाठ 11 से 20 तक

व्याकरण नींव- - 5.शब्द-निर्माण -उपसर्ग, प्रत्यय,

6.शब्द-विचार, 8.संज्ञा,

9 संज्ञा के विकार लिंग, वचन,कारक

-पर्यायवाची शब्द -11 से 20 नदी से बिजली,

-विलोम शब्द- 20 से 38 कठोर से जवाब,

-अनेकार्थक शब्द-8 से 14 दल से योग,

-श्रुतिसमभिन्नार्थक शब्द- 6 से 10 अंतर से कोश,

-अनेक शब्दों के लिए एक शब्द 8से 15 अधिक बोलने वाला से जिसकी पत्नी मर गई हो ,
मुहावरे-8 से 15 आकाश-पाताल एक करना से ईद का चाँद होना,
- लोकोक्तियाँ 1 से 5 एक पंथ दो काज से खोदा पहाड़, निकली चुहिया,
- अपठित-गद्यांश, अनुच्छेद-लेखन अनौपचारिक पत्र-लेखन,चित्र -वर्णन ,संवाद- लेखन ।
सामयिक परीक्षा - ॥
वसंत- 7. अपूर्व अनुभव
8.रहीम के दोहे

बाल महाभारत कथा- पाठ 21से 30तक
व्याकरण - 10. सर्वनाम, 11. विशेषण, 12.क्रिया
पर्यायवाची शब्द -21 से 30 बाल से अंडा,
-विलोम शब्द- 39 से 53 अदृश्य से मधुर,
-अनेकार्थक शब्द- 15 से 21 उपचार से पक्ष,
-श्रुतिसमभिन्नार्थक शब्द- 11 से 15 गृह से निर्धन,
-अनेक शब्दों के लिए एक शब्द 16 से 23 जो सब कुछ जानता हो से जो दूसरों से ईर्ष्या करता हो ,
मुहावरे16 से 22 कान भरना से नौ-दो ग्यारह होना,
- लोकोक्तियाँ 6 से 10 आम के आम गुठलियों के दाम से अपना हाथ जगन्नाथ ,
अपठित-गद्यांश, अनुच्छेद-लेखन,चित्र -वर्णन ,संवाद- लेखन
वार्षिक पाठ्यक्रम -

वसंत- 7. अपूर्व अनुभव 9 . एक तिनका
10. खानपान की बदलती तस्वीर
11. नीलकंठ
12. भोर और बरखा

महाभारत- पाठ-31-41

व्याकरण- अव्यय, वाक्य-विचार, विराम-चिह्न
पर्यायवाची शब्द -31 से 40 पक्षी से दिनकर, -विलोम शब्द- 54 से 68 मृत्यु से विष,
-अनेकार्थक शब्द-22 से 29 बल से कृष्ण, -,
-श्रुतिसमभिन्नार्थक शब्द- 16 से 20 तप से प्रणाम,
-अनेक शब्दों के लिए एक शब्द 24से 31 जो कम खर्चा करता हो से जिसकी उपमा न की जा सके,
मुहावरे-23 से 30 जली-कटी सुनाना से छाती पर मूँग दलना, - लोकोक्तियाँ 11 से 15 अंधों में काना
राजा से एक हाथ से ताली नहीं बजती ,
अपठित-गद्यांश, अनुच्छेद-लेखन,चित्र-वर्णन,विज्ञापन-लेखन, पत्र-लेखन, संवाद-लेखन।

विषय-संस्कृत

संस्कृत भाषा सीखने के प्रतिफल

- भाषा कौशल का विकास
- नैतिक मूल्यों का विकास
- संस्कृत भाषा तथा उसके साहित्य का संरक्षण करना

मासिक पाठ्यक्रम योजना

अप्रैल

पाठ्यपुस्तक रुचिरा भाग 2

पाठ -१ सुभाषितानि

पाठ -२ दुर्बुद्धिः विनश्यति

व्याकरण

शब्दरूप - एतद्, किम् (पुल्लिंग)

धातुरूप- चर्, कृ, वस् (लट्लकार व लृट् लकार)

संख्या 1-25

मई

पाठ्यपुस्तक रुचिरा भाग -२

पाठ - ३ स्वावलंबनम्

व्याकरण

अपठित गद्यांश

चित्र वर्णन

जुलाई

पाठ्यपुस्तक रुचिरा भाग -२

पाठ-५ पंडिता रमाबाई

व्याकरण

शब्दरूप - किम्, बालक

धातुरूप - चर्, वस्, कृ (लट्लकार, लृट्लकार)

संख्या - २६- ५०

चित्र वर्णन

प्रत्यय

अगस्त

पाठ्यपुस्तक रुचिरा भाग -२

पाठ 6. सदाचारः

व्याकरण

शब्दरूप - एतद्, तद्, किम्

धातुरूप - धातुरूप - चर्, पठ्, कृ वस् (लट्लकार, लृट्लकार)

संख्या - २६ - ५०

चित्र वर्णन
अपठित गद्यांश

पाठ्यक्रम सामयिक परीक्षा - 1

पाठ्यपुस्तकम्-रुचिरा- भाग २

पाठ 1,2,3

शब्द रूप- एतद्, तद्, किम्
धातुरूप- लट्लकार, लृट्लकार संख्या- 1 से 25
अपठित गद्यांश, चित्र वर्णन

मध्यावधिक परीक्षा

रुचिरा भाग २

पाठ- १,२,३,५

- शब्द रूप- तत् (पुल्लिंग) , किम्(त्रिषु लिंगेषु),बालक
- धातु रूप- चर्, कृ, वस्, दृश्, स्था (लट् , लृट् , लग, लकार)
- संख्या-१-५०
- कारकम्
- प्रत्ययाः- क्त्वा, तुमुन्
- अपठित गद्यांश
- चित्र वर्णन

अक्टूबर

पाठ- 8 त्रिवर्णःध्वजः

पुनरावृत्ति

पाठ- १,२,३,४,५ (पुनरावृत्ति)

शब्दरूप- तद्, किम्, बालक, एतद् (पुनरावृत्ति)

धातुरूप- चर्, पठ्, कृ (लट्लकार, लृट्लकार) (पुनरावृत्ति)

वस्, दृश् (पश्य), स्था, (लट्, लृट्, लग लकार)

प्रत्यय - क्त्वा, तुमुन्

कारकम्

संख्या - १ - ५०

नवम्बर

पाठ- 8 त्रिवर्णःध्वजः

शब्द रूप

नदी

लौट लकार

दिसंबर

पाठ - १०

विश्वबन्धुत्वम्

पाठ- 11

व्याकरण

संस्कृत अनुवाद, चित्र वर्णन, उपपद विभक्ति

जनवरी

पाठ - १२ - विद्याधनम्

अपठित गद्यांश

फरवरी

पाठ - १३ - अमृतं संस्कृतम्

चित्र वर्णन

वार्षिक परीक्षा पाठ्यक्रम पुनरावृत्ति

पाठ्यक्रम-सामयिक परीक्षा - 2

पाठ्यपुस्तकम्-रुचिरा- भाग २

पाठ 6. सदाचारः

पाठ- 8 त्रिवर्णः ध्वजः

शब्दरूप

धातुरूप

वस्, दृश् (पश्य), स्था, (लट्, लृट्, लंग लकार) प्रत्यय - क्त्वा, तुमुन्

कारकम्

संख्या- 1 से 50

अपठित गद्यांश, चित्र वर्णन

वार्षिक परीक्षा

पाठ्यपुस्तक रुचिरा भाग -2

पाठ 6. सदाचारः

पाठ- 8 त्रिवर्णः ध्वजः

पाठ १० विश्वबन्धुत्वम्

पाठ - १२ - विद्याधनम्

पाठ - १३ - अमृतं संस्कृतम्

व्याकरण

चित्र वर्णन, उपपद विभक्ति

अपठित गद्यांश, संख्या

शब्दरूप

धातुरूप

प्रत्यय

Subject - GERMAN

Learning outcomes The general outcomes at this stage are to enable the learners:

- To understand small text and converse with each other
- To understand the timings, eating habits, entertainment interest of people
- To be able to organize unstructured thoughts in writing a speech
- To use dictionary suitable to their needs

At the end of this stage learners will be able to do the following:-

.Speak accurately with appropriate pauses and clear word /sentence stress

.Narrate simple experiences and describe your holidays, birthday, hobbies.

.They can listen and understand the short paragraph.

Textbook

Hallo Deutsch 2

Coordination: Puneet Kaur, Milan Sharma

Publisher: Goyal Publisher

MONTHLY SYLLABUS PLAN

TERM-1

APRIL

Modul-III

Lektion-1

Was isst du in der Pause?

THEMEN- to ask peers about what they like to eat or drink, one's own preferences and dislikes about the same, to decline an offer for food and drinks giving reasons for the same and ask for an alternative.

GRAMMATIK- Verb – essen, trinken and nehmen (in present tense), indefinite article (accusative), negation- 'kein', framing questions.

ACTIVITÄTEN:

Rollenspiel (at the kiosk) (role play)

Deutsche Gerichte (German Cuisine)

E-mail schreiben (E-mail writing)

MAY

Lektion-2

Meine schulsachen

Themen - to describe the contents of the pencil box, to ask for something and offer the same to another student

GRAMMATIK- Verb - brauchen, finden and suchen; definite -article (accusative), use of preposition, am with weekdays.

song: Hast du alles mit

E-mail schreiben (E-mail writing)

Periodic Test 1

L-1 Was isst du in der Pause?

L-2 Meine Schulsachen

JULY

Lektion-2

Meine Schulsachen

THEMEN- to describe the contents of the pencil box , to ask for something and offer the same to another student, to discuss likes and dislikes about school subjects.

GRAMMATIK- Verbs- brauchen, finden and suchen (in present tense), definite article +(accusative), use of preposition 'am' with weekdays ('am Montag').

AUGUST

Lektion-3

Was gibt es im Fernsehen?

THEMEN- to discuss TV – viewing habits, to discuss TV programmes and express one's likes and dislikes.

GRAMMATIK- Verb- Sehen and structure 'es gibt'(in present tense)

AKTIVITÄTEN

Class survey

Word puzzle

SEPTEMBER

Lektion-4

Um wie viel Uhr stehst du auf?

THEMEN- to ask and tell the time , to discuss the timing of a forthcoming event, to discuss the weekly schedule with a friend , to ask a person where they are going and answer the same.

GRAMMATIK- Verb- fahren, separable verbs as given in textual material, interrogative pronoun of place –'wohin'? , prepositions.

ACTIVITÄTEN

Stundenplan(Timetable making)

Surfen Im internet(Deutsche marken)(poster on German brands)

Meine Lieblings in den kasten.(making a chart on Indian Tv channels)

SEPTEMBER

MID TERM EXAMINATION

MODUL-III

Lektion-1 Was isst du in der Pause?

Lektion-2 Meine Schulsachen

Lektion -3 Was gibt es im Fernseher?

Lektion -4 Um wie viel Uhr stehst du auf?

SEPTEMBER

Module --IV

Lektion- 1

Kannst du Inlineskaten ?

OCTOBER

MODUL-IV

Lektion- 1

Kannst du Inlineskaten?

THEMEN- to discuss hobbies amongst peers, to discuss what one is good at or not good at , to express the requirement for sport-equipment, to express what one would like to do and what one has to do.

GRAMMATIK-Modal verbs-KÖNNEN, MÜSSEN, WOLLEN.

NOVEMBER

Lektion-2

Wem gehört das Fahrrad?

THEMEN-to express what one would like to do and what one has to do, to say, whom an object belongs to, to identify an object.

GRAMMATIK- Verb- 'GEHÖREN' and the interrogative pronoun „wem?“ , Possessive pronouns in nominative accusative case.

DECEMBER

Lektion-3

Wohin fährst du in Urlaub?

THEMEN-to discuss holiday – destinations, to discuss the reason for the choice of the destination and time of travel , to discuss the weather.

GRAMMATIK-Interrogative Pronoun-“Wohin?“ ,
Prepositions-‘in , ‘an’, Interrogative pronoun- ‘Warum?’

ACTIVITÄTEN-

Mein Tagesablauf(my daily routine)

SMS schreiben(SMS writing)

Dialogschreiben(Dialogue writing)

JANUARY

Lektion-4

Alles Gute Zum Geburtstag!

THEMEN- to ask and answer the questions about the date of birth and death of famous personalities, ordinal numbers, email writing.

GRAMMATIK-Modal Verb- Sollen , Verb-werden , Imperative , Personal pronouns in accusative case, interrogative pronoun – ‘ Wen?’ , Preposition-‘für ’ .

ACTIVITÄTEN-

Lesen(reading)

Sprechen(speaking)

Geburtstageinladung(birthday invitation)

FEBRUARY

REVISION

ANNUAL EXAMINATION

MODUL-IV

LEKTION- 1

Kannst du Inlineskaten?

Lektion- 2

Wem gehört das Fahrrad?

Lektion -3

Wohin fährst du in Urlaub?

Lektion-4

Alles Gute zum Geburtstag!

SUBJECT-MATHEMATICS

Learning outcomes

The general outcomes at this stage are to enable the learners :

- to multiply/divide two integers
- to interpret the division and multiplication of fractions.
- to use algorithms to multiply and divide fractions/decimals.
- to solve problems related to daily life situations involving rational numbers
- to use exponential form of numbers to simplify problems involving multiplication and division of large numbers.
- to represent daily life situations in the form of a simple equation and solve it
- to add/subtract algebraic expressions
- to distinguish quantities that are in proportion.
- to solve problems related to conversion of percentage to fractions and decimals and vice versa
- to calculate profit/loss percent and rate percent in simple interest
- to classify pairs of angles based on their properties as linear, supplementary, complementary, adjacent and vertically opposite and finds value of the one when the other is given.
- to verify the properties of various pairs of angles formed when a transversal cuts two lines
- to find unknown angle of a triangle when its two angles are known
- to calculate areas of the regions enclosed in a rectangle and a square
- to find various representative values for simple data from her/his daily life contexts like mean, median and mode
- to calculate areas of the regions enclosed in a rectangle and a square

- to find various representative values for simple data from her/his daily life contexts like mean, median and mode
- to interpret data using bar graphs such as consumption of electricity is more in winters than summer, runs scored by a team in the first 10 overs etc.

Text Books:

Mathematics for class VII – NCERT publication.

Exemplar ClassVII-Mathematics-NCERT publication

E LINK- NCERT

<https://ncert.nic.in/textbook.php?gemh1=0-13>

<https://ncert.nic.in/exemplar-problems.php?ln=en>

MONTHLY SYLLABUS PLAN

APRIL

UNIT 1: INTEGERS

- Properties of addition and subtraction of Integers.
- Multiplication of Integers.
- Properties of multiplication of Integers.
- Division of Integers.
- Properties of division of Integers

Maths Kit : Practising addition and subtraction of Integers using integer game , counters and dice.

Lab Manual(Activity1): To find the product of two integers by activity method.

MAY

UNIT 2: FRACTIONS AND DECIMALS

- Multiplication of Fractions.

- Division of Fractions.
- Decimal numbers.
- Multiplication of decimal numbers.
- Division of decimal numbers.

Maths Kit:1.Recap of Fractions using fraction wheel.

2. Addition and subtraction of fractions using geoboard.

3. Multiplication of decimal numbers using decimal kit.

JULY

UNIT 3: DATA HANDLING

- Representative values.
- Concept of Average.
- Arithmetic Mean and Range.
- Mode and calculating mode for large data.
- Concept of Median.
- Use of Bar Graphs with a different purpose.

UNIT 4: SIMPLE EQUATIONS

- Meaning of an Equation
- Setting up of an Equation.
- Solving an Equation bcom1.By Systematic Method.
- 2.By Transposition Method.
- 3.By Trial and Error Method
- Forming Equations from solutions.
- Applications of Simple Equations to Practical Situations

Maths Kit: Formation and solving an Equation using algebra tiles.

Lab Manual (Activity 2): To solve linear equations in one variable experimentally.

AUGUST

UNIT 5: LINES AND ANGLES

- Recall the concept of line segment, line and ray.
- Related angles
- Complementary Angles
- Supplementary Angles
- Pair of lines
- Intersecting Line
- Transversal Line
- Angles made by Transversal
- Transversal of parallel line
- Checking for parallel lines.

Maths Kit: 1. Recap of lines, line segment and point using geometry Kit.

2. Complementary and supplementary angles , vertically opposite angles using geometry Kit.

Lab Manual (Activity 8): To find the sum of co-interior angles in parallel lines.

UNIT 6: TRIANGLE AND ITS PROPERTIES

- Definition of triangle.
- Median of a triangle.
- Altitudes of a triangle
- Exterior angle of a triangle and its properties.
- Angle sum property of a triangle.

- Properties of Equilateral and Isosceles.
- Property based on sum of length of two sides of triangle.
- Right – Angled Triangles and Pythagoras Property.

Maths Kit: 1. Recap of types of triangles using Pythagoras kit.

2. Sum of angles of triangle using geoboard.

3. Sum of lengths of two sides of triangle using geometry Kit.

Lab Manual(Activity4): To prove Pythagoras theorem experimentally.

Lab Manual (Activity 5): To prove the angle sum property of triangles.

Lab Manual(Activity 7): To show that in an Isosceles triangle, the base angles are equal.

Lab Manual (Activity 9): To prove exterior angle property of triangles.

SEPTEMBER

REVISION

MID TERM EXAMS

OCTOBER

UNIT 7: COMPARING QUANTITIES

- Percentage – Another way of Comparing Quantities.
- Meaning of Percentage.
- Conversions related to percentage.
- Use of Percentages.
- Prices related to an Item or Buying and selling.
- Charge given on Borrowed money or Simple Interest.

Maths Kit: Profit/ loss using dummy notes

UNIT 8: RATIONAL NUMBERS

- Need for rational numbers.
- What are rational numbers?
- Positive and negative rational numbers.
- Presenting rational numbers on a number line.
- Standard form of rational numbers.
- Comparison of rational numbers
- Find rational numbers between two rational number.
- Operation on rational numbers: Addition, subtraction, multiplication, division.

NOVEMBER

UNIT 9: PERIMETER AND AREA

- Area of a Parallelogram.
- Area of a Triangle.
- Circles and Circumference
- Area of a Circle

Maths Kit: 1. Understanding perimeter and area using geoboard.

2. Area of circle activity using activity Kit.

Lab Manual (Activity 6): To find the area of a parallelogram.

DECEMBER

UNIT 10: ALGEBRAIC EXPRESSIONS

- Meaning of Algebraic Expressions
- How are Expressions Formed?
- Terms of an Expression.

Concept of Coefficient.

- Like and Unlike terms
- Monomials, Binomials, Trinomials and Polynomials
- Addition and Subtraction of Algebraic Expressions.
- Finding the value of an Expression

Maths Kit:1.Formation of Algebraic Expressions using algebra tiles.

JANUARY

UNIT 11: EXPONENTS AND POWERS

- Meaning of exponents.
- Representing a number in the form of exponents as a product of powers of its prime factors.
- Comparing numbers in exponential notation.
- Expressing exponents as usual numbers.
- Powers of negative numbers.
- Laws of exponents.
- Simplifying exponents by using laws.
- Standard form of expressing a number in exponential notation.

Lab Manual(Activity 3): To Evaluate exponents by paper folding Method.

FEBRUARY

UNIT 12: SYMMETRY

- Lines of symmetry for regular polygons.
- Mirror reflection.
- Rotational symmetry.

UNIT 13: VISUALISING SOLID SHAPES

- Plane figures and solid shapes.

- Faces , edges and vertices.
- Nets for building 3D shapes.
- Isometric sketches.
- Visualising different sections of solid.

Lab Manual (Activity 10): To make 3D solids using their nets

REVISION

EXAMWISE SYLLABUS PLANNING

PERIODIC TEST-1

UNIT 1: INTEGERS

UNIT 2:FRACTIONS AND DECIMALS

MID-TERM SYLLABUS

UNIT 1: INTEGERS

UNIT2:FRACTIONS AND DECIMALS.

UNIT 3: DATA HANDLING

UNIT 4: SIMPLE EQUATIONS

UNIT 5: LINES AND ANGLES

PERIODIC TEST-2

UNIT 6: TRIANGLE AND ITS PROPERTIES

UNIT 7: COMPARING QUANTITIES

ANNUAL EXAM

UNIT 1: INTEGERS

UNIT2:FRACTIONS AND DECIMALS.

UNIT 3: DATA HANDLING

UNIT 4: SIMPLE EQUATIONS

UNIT 5: LINES AND ANGLES

UNIT6:TRIANGLE AND ITS PROPERTIES

UNIT 7: COMPARING QUANTITIES

UNIT 8: RATIONAL NUMBERS

UNIT 9: PERIMETER AND AREA

UNIT10:ALGEBRAIC EXPRESSIONS

UNIT11:EXPONENTS AND POWERS

UNIT 12 : SYMMETRY

UNIT 13: VISUALISING SOLID SHAPES

SUBJECT-SCIENCE

Subject code 086

Science is a body of knowledge based on experiment, observation and inference, which is judgment based on evidence. Through science teaching, children are required to develop certain scientific ways of thinking as they work.

The subject of science plays an important role in developing well-defined abilities in cognitive, affective and psychomotor domains in children.

Learning Outcome

Science teaching aims to realize the following general objectives. It enables the learners to

- know the facts and principles of science and its applications, consistent with the stage of cognitive development.
- acquire the skills and understand the methods and processes that lead to generation and validation of scientific knowledge.
- develop intellectual and practical scientific skills.
- motivate to apply basic scientific principles in all sciences.
- acquire knowledge about health, environment and safety practices and behave accordingly.
- realize that some natural resources can be depleted and make them aware of the role of science in sustaining these resources.
- use scientific knowledge and skills in novel situations especially in everyday life.
- emphasize the role of scientists in the advancement of human kind.
- develop scientific curiosity and orientation towards scientific research.
- work independently and cooperatively in solving scientific problems.
- help the students to get acquainted with the impact of science over the environment surrounding them and to develop their interest in the study of science.
- develop scientific attitude among children.

- cultivate the habit of systematic and logical thinking.
- develop the habit and ability of drawing correct inferences out of the available facts and evidences.

TEXTBOOK FOR THE SESSION-2024-25

SCIENCE –TEXTBOOK FOR CLASS- VII-NCERT PUBLICATION

LINK FOR NCERT TEXTBOOKS: <https://ncert.nic.in/textbook.php>

LINK FOR NCERT EXEMPLAR BOOKS:

<https://www.learncbse.in/ncert-exemplar-book-class-7-science/>

MONTH WISE SYLLABUS BREAK UP

APRIL

CHAPTER-1 NUTRITION IN PLANTS

SUBTOPICS-Mode of nutrition in plants, photosynthesis-food making process in plants, other modes of nutrition in plants, saprotrophs, How nutrients are replenished in the soil?

CHAPTER-3 HEAT

SUBTOPICS- Hot and cold, measuring temperature, laboratory thermometer, transfer of heat, kinds of clothes we wear in summer and winter

MAY

CHAPTER-2 NUTRITION IN ANIMALS

SUBTOPICS- Different ways of taking food, digestion in humans, digestion in grass eating animals, feeding and digestion in amoeba

JULY

CHAPTER-4 ACIDS, BASES AND SALTS

SUBTOPICS- Acids and bases, natural indicators around us, litmus-a natural dye, turmeric, china rose as indicator, neutralization, neutralization in everyday life.

CHAPTER- 6 RESPIRATION IN ORGANISMS

SUBTOPICS- Why do we respire? , breathing, how do we breathe? , what do we breathe out? , breathing in other animals, breathing in water, do plants also respire ?

AUGUST

CHAPTER -9 MOTION AND TIME

SUBTOPICS-Slow or fast, speed, measurement of time, units of time and speed, measuring speed, distance-time graph

CHAPTER-13 WASTE WATER STORY

SUBTOPICS- Water-our lifeline, what is sewage?, water freshens up- an eventful journey, treatment of polluted water, wastewater treatment plant, become an active citizen, better housekeeping practices, sanitation and disease, alternative arrangement for sewage disposal, sanitation at public places.

SEPTEMBER

REVISION FOR MID-TERM EXAMINATION

TERM 2

OCTOBER

CHAPTER -7 TRANSPORTATION IN PLANTS AND ANIMALS

SUBTOPICS-Circulatory system - blood , blood vessels, heart, heartbeat, excretion in animals, excretory system in humans, transport of substances in plants, transport of water and minerals, transport of food, transpiration.

CHAPTER- 10 ELECTRIC CURRENT AND ITS EFFECTS

SUBTOPICS- Symbols of electric components, heating effect of electric current, electric fuse, magnetic effect of electric current, electromagnet, electric bell.

NOVEMBER

CHAPTER - 5 PHYSICAL AND CHEMICAL CHANGES

SUBTOPICS-Changes around us, physical change, chemical change, rusting of iron, prevention of rusting, crystallization.

CHAPTER - 8 REPRODUCTION IN PLANTS

SUBTOPICS-Modes of reproduction, sexual reproduction, pollination, fertilization, fruit and seed formation, seed dispersal

DECEMBER

CHAPTER -11 LIGHT

SUBTOPICS-Light travels along a straight line, reflection of light, lateral inversion, playing with spherical mirrors, images formed by lenses, sunlight-white or coloured?

JANUARY

CHAPTER -12 FOREST: OUR LIFELINE

SUBTOPICS-Visit to a forest, importance of forest, canopy, food chain, humus, decomposers, and forest as dynamic living entity

FEBRUARY

REVISION FOR ANNUAL EXAMINATION

MARCH

ANNUAL EXAMINATION

EXAM-WISE SYLLABUS BREAK UP

PERIODIC TEST-1

CHAPTER -1 NUTRITION IN PLANTS

CHAPTER -3 HEAT

MID-TERM EXAMINATION (SEPTEMBER)

CHAPTER -1 NUTRITION IN PLANTS

CHAPTER -2 NUTRITION IN ANIMALS

CHAPTER -3 HEAT

CHAPTER -4 ACIDS, BASES AND SALTS

CHAPTER- 6 RESPIRATION IN ORGANISMS

CHAPTER - 9 MOTION AND TIME

CHAPTER -13 WASTEWATER STORY

PERIODIC TEST 2

CHAPTER - 7 TRANSPORTATION IN ANIMALS AND PLANTS

CHAPTER - 10 ELECTRIC CURRENT AND ITS EFFECTS

ANNUAL EXAMINATION (MARCH)

CHAPTER -1 NUTRITION IN PLANTS

CHAPTER -2 NUTRITION IN ANIMALS

CHAPTER - 3 HEAT

CHAPTER - 4 ACIDS, BASES AND SALTS

CHAPTER - 5 PHYSICAL AND CHEMICAL CHANGES

CHAPTER - 6 RESPIRATION IN ORGANISMS

CHAPTER - 7 TRANSPORTATION IN ANIMALS AND PLANTS

CHAPTER - 8 REPRODUCTION IN PLANTS

CHAPTER - 9 MOTION AND TIME

CHAPTER - 10 ELECTRIC CURRENT AND ITS EFFECTS

CHAPTER - 11 LIGHT

CHAPTER- 12 FOREST: OUR LIFELINE

CHAPTER-13 WASTE WATER STORY

SOCIAL SCIENCE

OBJECTIVES:

1. To develop an understanding of the processes of change and development both in terms of time and space, through which human societies have evolved.
2. To make learners realize that the process of change is continuous and any event or phenomenon or issue cannot be viewed in isolation but in a wider context of time and space.
3. To help learners understand and cherish the values enshrined in the Indian Constitution and to prepare them for their roles and responsibilities as effective citizens of a Democratic society.
4. To facilitate the learners to understand and appreciate the diversity in the land and people of the country with its underlying unity.
5. To help the learners to understand our earth - its interior, environment and natural domains and to help them understand the internal and external forces those are changing our earth. Also, to help the learners to understand the nature of diverse flora and fauna, available on the earth.
6. To familiarize the learners with the factors that have contributed towards making today's world a global society. Also, to educate them about the diverse cultures those have developed in various parts of the world as an outcome of interaction between human beings and their environment.
7. To help the learners to understand interrelationship of natural and human environment and develop sensitivity towards environment.

PRESCRIBED TEXT BOOKS:

PUBLISHER: NCERT

History: Our Pasts-II

E Book link - <https://ncert.nic.in/textbook.php?gess1=0-8>

Civics: Social and Political Life –II

E Book link - <https://ncert.nic.in/textbook.php?gess3=0-8>

Geography: Our Environment

E Book link - <https://ncert.nic.in/textbook.php?gess2=0-7>

MONTHWISE SYLLABUS BREAK UP

APRIL:

History: Chapter-1- Introduction: Tracing changes through a thousand years

Learning Outcomes- Students can understand well and learn about the developments which took place in the Medieval period in India.

Civics: Unit 1: On Equality in Indian Democracy

Chapter-1-On Equality

Learning Outcomes- Students can understand importance and challenges of equality in a democracy.

Geography: Chapter-1 Environment

Learning Outcomes: Students will be able to understand the meaning, concept , parts and components of our Environment.

MAY

History: Chapter-2- Kings and Kingdoms

Learning Outcomes-Students can compare the policies of different rulers.

Civics: Unit 2: State Government

Chapter-2-Role of the Government in health

Learning Outcomes- Students can interpret social, political and economic issues in one's own region with reference to the right to equality.

JULY

History: Chapter-3 Delhi: 12th to 15th Century

Learning Outcomes-Students can analyse administrative measures and strategies for military control adopted by different kingdoms e.g., the Khalijis and Tughluqs, Mughals etc.

Civics: Chapter-3-How the State Government works ?

Learning Outcomes- Students can differentiate between local government and State government.

Students can describe the process of election to the Legislative Assembly.

Geography: Chapter-2 Inside our earth

Learning Outcomes-Students can identify major layers of the earth's interior, rock types, layers of the atmosphere in a diagram.

AUGUST

History: Chapter-4-The Mughals (16th to 17th Century)

Learning Outcomes-Students will know about the Mughal rulers and their administration.

Civics: Unit 3 : Gender

Chapter-4-Growing up as Boys & Girls

Learning Outcomes-Students can explain the significance of equality in a democracy.

Geography: Chapter-3 –Our changing Earth

Learning Outcomes- Students can describe the formation of landforms due to various factors.

Revision for Mid Term Examination

SEPTEMBER

REVISION FOR MID TERM EXAMINATION

MID TERM EXAMINATION

History: Chapter-5-Tribes, Nomads and Settled Communities

Learning Outcomes- Students will learn about the culture traditions and customs of different tribal communities that existed during the medieval period.

OCTOBER

Civics: Chapter-5-Women change the world

Learning Outcomes- Students can illustrate the contribution of women to different fields with examples.

Geography: Chapter-4 – Air

Learning Outcomes-Students can explain the composition and structure of atmosphere.

History: Chapter-6-Devotional Paths To the Divine

Learning Outcomes- Outcomes-Students can analyse the factors which led to the emergence of new religious ideas and movements.

NOVEMBER

Civics: Unit 4: Media

Chapter-6-Understanding Media

Learning Outcomes-Students can explain the functioning of media with appropriate examples from newspapers.

Geography: Chapter-5 – Water

Learning Outcomes- Students can analyse factors contributing to pollution in their surroundings and lists measures to prevent it.

History: Chapter-7-The Making Of Regional Cultures

Learning Outcomes-Students can explain the different regional cultures that developed in medieval period.

DECEMBER

History: Chapter-8-18th Century Political Formations

Learning Outcome: Students can trace the development of new kingdoms and their administration.

Civics: Unit 5: Markets

Chapter-7-Markets around us

Learning Outcomes-Students can differentiate the different types of markets.

Geography: Chapter-6 –Human Environment Interactions- The Tropical And The Subtropical Regions

Learning Outcomes-Students will learn about the various tropical and subtropical regions of the world

JANUARY

Civics: Chapter-8-A shirt in the market

Learning Outcomes-Students can trace how goods travel through various market places.

Geography:Chapter-7- Life In the Deserts

Learning Outcomes- Students can explain the people, vegetation, animals living in deserts.

FEBRUARY

Revision for Annual Examination

MARCH

Annual Examination

EXAMWISE SYLLABUS BREAKUP

PERIODIC TEST 1

History: Chapter 1

Civics: Chapter 1

Geography: Chapter 1

MID TERM EXAMINATION

History: Chapters 1 to 4

Civics: Chapters 1 to 4

Geography: Chapters 1 to 3

PERIODIC TEST 2

History: Chapters 5

Civics: Chapter 5

Geography: Chapter 4

ANNUAL EXAMINATION

History: Chapters 1 to 8

Civics: Chapters 1 to 8

Geography: Chapters 1 to 7

SUBJECT-COMPUTER SCIENCE

Learning Outcomes

- Students will understand the components and functions of computer hardware and software.
- Students will be able to identify and troubleshoot common hardware and software issues.
- Students will learn different number systems such as binary, decimal, and hexadecimal, and be able to convert between them.
- Students will be able to create and apply formulas in Microsoft Excel 2016 for calculations and data analysis tasks.
- Students will gain an understanding of the basics of database management systems (DBMS) using Microsoft Access 2016, and be able to create tables, forms, queries, and reports in Access 2016.
- Students will be aware of common types of computer viruses, malware, and security threats, and learn best practices for protecting computer systems and data.
- Students will gain proficiency in using operators, conditional statements, and loops in Python programming, and be able to write basic programs and solve problems using Python.
- Students will understand the role of artificial intelligence (AI) in robotics, and learn principles of machine learning, computer vision, and natural language processing, and their applications in robotics and automation.

Text Book: BYTE BY BYTE –Based on Windows 10 and MS office 2016 Publisher: NEUBERG Publishing (India) Private Limited

APRIL

Lesson 1: Computer Hardware and Software

Subtopics:

- Hardware ● Software
- Operating System
- Language Processor ● Utility Software
- Device Driver

MAY

Lesson 2: Number System

Subtopics:

- Number System
- Positional Notation
- Binary Number System ● Decimal Number System ● Octal Number System

- Hexadecimal Number System • Computer Arithmetic

JULY

Lesson 3: Word 2016: Formula in Excel 2016

Subtopics:

- Basic Formula • Formula Bar
- Compound Formula
- Combining Cells in Excel • Cell Reference
- Formula • Function Library
- Statistical Functions
- Date and time function

PRACTICAL: MS EXCEL

AUGUST

Lesson 4: MS Access 2016 – An Introduction to DBMS

Subtopics:

- Data
- Database • Types Of Database
- Database Management System (DBMS) • Advantages of DBMS
- Structure of a Database • Microsoft Access 2016 • Starting MS Access
- MS Access Window Interface PRACTICAL: MS Access

SEPTEMBER

Practical : Excel

REVISION FOR MID TERM EXAM Worksheet 1

Model Test paper 1

MID TERM EXAM SYLLABUS

Lesson 1: Computer Hardware and Software Lesson 2: Number System

Lesson 3: Word 2016: Formula in Excel 2016

Lesson 4: MS Access 2016 – An Introduction to DBMS

OCTOBER

Lesson 5: Computer Virus and Security

Subtopic:

- Computer Virus • Types Of Viruses • Cybercrime
- Protection of a Computer System • Scanning External devices
- Clear Browser History

NOVEMBER

Lesson 6: Python-An Introduction

Subtopic:

- What is Python?
- Installing Python
- Python Windows
- Working in Python
- Character Set

PRACTICAL: PYTHON

DECEMBER

Lesson 7: Data Types, Constants and Variables in Python

Subtopic:

- Data Types
- Constants
- Variables

Lesson 8: Operators and statements in Python

Subtopic:

- Variables
- Keywords ● Identifiers

PRACTICAL: PYTHON

JANUARY

Lesson 8: Operators and statements in Python

Subtopic:

- Expressions
- Python operator precedence ● Statements in Python
- Print with Comma
- Specifying Separator

Practical : PYTHON

FEBRUARY

Lesson 9: Artificial Intelligence Technology in Robotics

Subtopic:

- Robotics
- What is a robot
- Components of a Robot ● Features of a Robot
- Classification of Robot ● Different types of Robot

FINAL TERM EXAM SYLLABUS

Lesson 5: Computer Virus and Security

Lesson 8: Operators and statements in Python

Lesson 9: Artificial Intelligence Technology in Robotics Practical- IDLE Python

General Knowledge

Textbook: Gain the Knowledge

Publisher: Aaryan Publications

Term 1

Textbook Exercises 1 to 38

Current Affairs

Mental Ability

Term 2

Textbook Exercises 39 to 75

Current Affairs

Mental Ability

Music syllabus

Definitions- sangeet , Taal, Aaroh Aavroh National Anthem National song patriotic

song bhajen Alkankar-1-5 Taal- dadra kehrawa Teentaal knowledge of Musicians

New prayers Hindi/English Devotional songs

ART Syllabus – Book Name “Drawing Skills-6 – Supreme Pub.”

Learning Outcome: Students will demonstrate technical ability and craftsmanship in their artworks. Students will demonstrate understanding of the elements of art and principals of design through effective compositions. Students' artworks will communicate concepts effectively.

April-September 2024

- Page 3-Perspective
- Page 4 -landscape
- Page 5-Created drawing anyone or 2 page 5 created drawing from any to examples
- Page 6-Draw any 2 birds with SIM
- Page 7-Still life , Page 9-Still life from
- **ART Day celebration**
- Pages 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 26.
- Do any 2 pictures. (Draw and do only pencil shading you can do blackout lines)
- Page 31-Free hand design
- Page 32-Fruit basket
- Page 33-Vegetable basket
- Page 34-Any 3 flowers
- Page 35-Any 3 flowers
- Page 36-Complete the given picture
- **Van Mahotsav**
- Page 37-Holi scene
- Page 38-Landscape
- Page 39 & 40-Not to be done
- Page 41-Spoon painting
- **Grading for Mid term**

October 2024 - January 2025

- Page 43-Mehndi design
- Page 44-Create mehndi on the foot
- Page 45-Draw any 2 faces
- Page 46-Draw any one face 49 draw one face
- Page 51-Any 3 figures
- Page 53-Portrait with pencil.
- Page 54-Drawing of Taj Mahal just the outline
- Page 55-Human figure anyone of the following
- Page 56-Figure drawing
- Page 57-Dots painting
- Pages 58 & 59 (any 2 drawings)
- **Checking and grading of the Art works**