SYLLABUS CLASS - V SESSION 2023-24

ENGLISH

Class - V

Term - I

Code: 5E (01)

Contents

1. MCB-

A Dog From Nowhere

2. Reading Comprehension

Code: 5E (02)

Contents

1. Grammar – Speech Marks

2. Writing Skill—Paragraph Writing in First Person

3. Reading Comprehension

Code: 5E (03)

Contents

1. Grammar—Subject-Verb Agreement

2. Reading Comprehension

Code: 5E (04)

Contents

Grammar—Tenses: Simple and Continuous

2. Listening Comprehension

3. MCB—Grandpa Tickles a Tiger

4. Speaking Activity

Code: 5E (05)

Contents

1. Reading Comprehension

2. Grammar - Degrees of Comparison

3. Writing Skill—Dialogue Writing

Code: 5E (06)

Contents

1. MCB—Too Many Books

2. Grammar—Prepositions

Code: 5E (07)

Contents

1. Listening Comprehension

2. Speaking Activity

3. Writing Skill—Informal Letter Writing

Code: 5E (08)

Contents

1. Reading Comprehension

2. MCB: The Boy in a Blue Pullover(poem)

Code: 5E (09)

Contents

Revision for Term - I

Syllabus for Term - I

1. Reading: Unseen Passage

2. Writing Skill:

a) Dialogue Writing

b) Informal Letter Writing

3. Grammar:

a) Subject Verb Agreement

b) Tenses (Simple & Continuous)

c) Degrees of Comparison

d) Prepositions

- 4. Literature:
 - a) Grandpa Tickles a Tiger
 - b) Too Many Books
 - c) The Boy in a Blue Pullover(poem)

All the work done in the notebook and workbook related to the above given topics.

Term - II

Code: 5E (10)

Contents

- 1. MCB- I Became a Man
- 2. Reading Comprehension
- 3. Speaking Activity

Code: 5E (11)

Contents

- 1. Grammar- Prefix and Suffix
- 2. Writing Skill-Diary Entry
- 3. Listening Comprehension

Code: 5E (12)

Contents

- 1. Grammar-Conjunctions
- 2. Listening Comprehension
- 3. Speaking Activity
- 4. Writing Skill—Notice Writing

Code: 5E (13)

Contents

- MCB: The Fisherman and The Goldfish
- 2. Grammar—Phrasal Verbs
- 3. Reading Comprehension

Code: 5E (14)

Contents

- 1. Grammar Adverbs
- 2. Reading comprehension
- 3. Listening Comprehension

Code: 5E (15)

Contents

- 1. MCB Day by Day I Float My Paper Boat (Poem)
- 2. Grammar Reported Speech
- 3. Reading Comprehension

Code: 5E (16)

Contents

- 1. MCB: Night Flight
- 2. Reading Comprehension

Code: 5E (17)

Contents

- 1. Grammar Synonyms and Antonyms
- 2. Writing Skill-Formal Letter Writing
- 3. Reading Comprehension

Code: 5E (18)

Contents

1. Revision for 2nd Semester Exam.

Syllabus for Term - II

- 1. Reading: Unseen Passage/Poem
- 2. Writing Skill:
 - a) Notice Writing
 - b) Formal Letter Writing
- 3. Grammar:
 - a) Conjunctions

DPS. VK CLASS-

- b) Phrasal Verbs
- c) Adverbs
- d) Reported Speech
- e) Synonyms & Antonyms

4. Literature:

- a) The Fisherman and The Goldfish
- b) Night Flight
- c) Day by Day I Float My Paper Boat (Poem)

All the work done in the notebook and workbook related to the above given topics.

विषय : हिन्दी

पपाठ्य पुस्तकें - रिमझिम (भाग-५)

कोड: 5H(01)

पाठ्यक्रम - पाठ ''राख की रस्सी"

नवीन शब्द—तिब्बत, मशहूर, जौं, आपबीती, हवाला, सिल, संदेश, प्रस्ताव, समझदारी, धूमधाम

कोड : 5H(02)

पाठ्यक्रम - पाठ - भाषा और व्याकरण

कोड: 5H(03)

पाठ्यक्रम - १. हिन्दी वर्ण

२. मात्राएँ

३. संवाद लेखन

कोड : 5H(04)

पाठ्यक्रम - १. कहानी पूरी करना

२. बाघ आया उस रात

कोड: 5H(05)

पाठ्यक्रम - पाठ- १. ''चिट्ठी का सफर''

२. चित्र लेखन

नवीन शब्द-

निर्भर, उपलब्ध, प्रवासी, सीमित, गंतव्य, प्रजाति

कोड: 5H(06)

पाठ्यक्रम - १. विपरीत शब्द (शांत से सौभाग्य तक)

२. लिंग शब्द

३. अपठित गद्यांश

४. चुनौती हिमालय की (पाठ)

कोड: 5H(07)

पाठ्यक्रम - ''वे दिन भी क्या दिन थे'' (पाठ) एक माँ की बेबसी (कविता)

कोड: 5H(08)

पाठ्यक्रम -

9. संज्ञा

२. वचन (कमरा से वस्तु तक)

३. पर्यायवाची शब्द (अंधेरा से इच्छा तक)

४. सूचना लेखन ।

कोड: 5H(09)

पाठ्यक्रम -

प्रथम सत्र में पढ़ाए गए पाठ्यक्रम की पुनरावृत्ति ।

प्रथम सत्र पाठ्यक्रम

भाग-क - पठन

अपठित अनुच्छेद पर आधारित कार्य

भाग-ख - भाषा

9. संज्ञा २. लिंग

३. वचन ४. विपरीत शब्द

५. पर्यायवाची शब्द

भाग-ग - साहित्य

पाठ पर आधारित कार्य

- 9. पाठ 'चिट्ठी का सफर'
- २. पाठ 'वे दिन भी क्या दिन थे'
- ३. कविता एक माँ की बेबसी

भाग-घ - लेखन

- 9. सूचना लेखन
- २. चित्र लेखन

कोड: 5H(010)

पाठ्यक्रम - पाठ - 'एक दिन की बादशाहत' भाषा - सर्वनाम, विराम चि<u>र्</u>न

नवीन शब्द-

धार, ढोर-डंगर, पाट, बालू, अमराई, आँचल, आषाढ़, कोलाहल

पाठ्येत्तर क्रिया-विभिन्न ऋतुओं से संबंधित कविताएं पढ़ना।

कोड: 5H(011)

- 9. अनेक शब्दों के लिए एक शब्द (१-१५)
- २. मुहावरे
- अपठित कविता पर आधारित कार्य ।

कोड : 5H(012)

पाठ्यक्रम - कविता - 'छोटी सी हमारी नदी'

कोड: 5H(013)

पाठ्यक्रम - पाठ - 'जहाँ चाह वहाँ राह'

भाषा- कारक

अनेकार्थी शब्द

लेखन- अनुच्छेद लेखन, कहानी पूर्ति

नवीन शब्द-

झिंझोड़कर, पाबंदी, तकरार, तरकीबें, खिदमत, खानसामा कोड: 5H(014)

पाठ्यक्रम - खिलोने वाला, चित्र लेखन

नवीन शब्द-

पुकार, मचल, कमान, मनचाही, ताड़का **पाठ्येतर क्रिया** – राम के जीवन से संबंधित वस्तुओं तथा स्थानों की जानकारी प्राप्त करना ।

कोड: 5H(015)

पाठ्यक्रम — स्वामी की दादी (पाठ) विपरीत शब्द-(निरक्षर से ज्ञानी) अपठित कविता, पत्र लेखन (औपचारिक)

कोड: 5H(016)

पाठ्यक्रम - बिशन की दिलेरी

नवीन शब्द-

पगडंडी, दड़बे, छप्पर, आस्तीन, बरामदा, रौबदार

कोड : 5H(017)

पाठ्यक्रम - १. क्रिया, काल

- २. शुद्ध वाक्य- पाठ १३
- ३. पर्यायवाची-(कठिन से बंदर)
- ४. अनुच्छेद लेखन,

पाठ्येत्तर क्रिया - क्रिया शब्दों की सूची बनवाना ।

कोड : 5H(18)

पाठ्यक्रम-भाषा-वार्षिक परीक्षा हेतु निर्धारित पाठों की पुनरावृत्ति करवाना ।

द्वितीय सत्र पाठ्यक्रम

भाग-क - पठन

अपठित कविता

भाग-ख - भाषा

- 9. अनेकार्थी शब्द २. शुद्ध वाक्य
- ३. क्रिया ४. काल
- ५. विलोम शब्द

भाग-ग - साहित्य

पाठ पर आधारित कार्य

- 9. पाठ जहाँ चाह वहाँ राह
- २. पाठ बिशन की दिलेरी
- ३. कविता खिलोनेवाला

भाग-घ - लेखन

- 9. पत्र लेखन
- २. अनुच्छेद लेखन

MATHS

Code: 5M (01&02)

Topic: Place Value, Roman Numerals

Contents

- 1. Indian and International System upto crore / million.
- 2. Place, PV, period, number name.
- 3. Writing standard form, comparision, making smallest and greatest number.
- 4. Predecessor & successor.
- 5. Rounding off
- 6. Roman numerals: 1 to 100

Code: 5M (03)

Topic: Profit and Loss, Averages

Contents

- 1. Meaning of cost price, selling price.
- 2. Profit and loss, additional cost.
- 3. Calculating Profit / loss, CP and SP.
- 4. Simple word problems on Profit/loss.
- 5. Meaning of average
- 6. Finding average using formula

Code: 5M (04&05)

Topic: Factors & Multiples

Contents

- 1. Rules of divisibility 2, 3, 4, 5, 6, 8, 9, 10
- 2. Prime & composite numbers (1-100)
- 3. Prime factorisation

4. HCF, LCM

Code: 5M (06)

Topic: Fractions

Contents

- 1. Addition and subtraction of unlike and mixed fractions.
- 2. Word problems on fractions

Code: 5M (07)

Topic: Multiplication and Division of fraction.

- 1. Multiplication of a fraction by whole number, fraction, mixed fraction.
- 2. Multiplicative inverse.
- 3. Division of a fraction by a whole number, mixed fraction.
- 4. Problem sums involving multiplication and division.

Code: 5M (08)

Topic: Geometry

Contents

1. Point, line, line segment, ray.

- 2. Angles, parts of an angle, types of angles.
- 3. Measuring angles using protractor.
- 4. Angles in a clock.

Code: 5M (09)

Revision

Syllabus for Term - I

1. Chapter: Averages only

2. Chapter: Factors

3. Chapter: Multiples

4. Chapter: Fractions

5. Chapter: Geometry Basics

All the work done in notebook and workbook related to the above topics.

TERM - II

Code: 5M (10, 11 & 12)

Topic: Decimal, Percentage

Contents

- Concept of decimals Introduction of the decimals points.
- 2. Decimal places-tenths, hundredths, thousandths
- 3. Building equivalent decimals
- 4. Differentiating between like and unlike decimals.

- 5. Converting unlike decimals to like decimals.
- 6. Comparision of decimals.
- 7. Ordering of decimals
- 8. Adding and subtracting decimals
- 9. Multiplication of decimals
- 10. Division of decimals
- 11. Word problems/ story sums based on decimals.
- 12. percentage:
 - a) Introduction.
 - b) Conversion of % to decimal no.
 - c) Conversion of % to fraction
 - d) Conversion of decimal or fraction into a percentage

Code: 5M (13 & 14)

Topic : Area, Perimeter & Volume

- 1. Concept of Area and Perimeter –
- 2. Calculating area of a square by counting the squares.
- 3. Calculating the area and perimeter of regular figures using formulae.
- 4. Concept of a volume
- 5. Measures of volume
- 6. Formulae to calculate volume
- 7. Finding volume of cube and cuboid.

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Code: 5M (15 & 16)

Topic: Measurement

Contents

- 1. Conversion
 - a) km to m, m to cm, cm to mm, kg to g, l to ml & vice versa
- 2. Addition and subtraction.
- 3. Word problems.

Code: 5M (17)

Topic: Time & Data Handling

Contents

- 1. Relationship between hours, minutes and seconds.
- 2. Adding and subtracting measures of time.
- 3. Calculating the finishing and starting events.
- 4. Tally marks
- 5. Pie charts
- 6. Bar graphs / chart
- 7. Shapes, space and patterns

Code: 5M (18)

Revision

Syllabus For Term - II

- 1. Chapter : Area, Perimeter and Volume
- 2. Chapter: Measurement

3. Chapter: Percentages

4. Chapter: Time

5. Chapter: Data Handling

All the work done in notebook and workbook related to the above topics.

EVS

CYCLE-01

Code: 5EVS(01)

Chapter: Super Senses

Contents

- 1. Different sense organs and what are super senses.
- 2. How different animals are able to use their senses?
- 3. Learn how humans can benefit from the senses of different animals.
- 4. Learn how the sense of smell is helpful to us in our daily life.
- 5. Sense of sight and how does it help birds.
- 6. Recognition of colours by animals.
- 7. Sense of hearing in different animals.
- 8. To learn if there is a link between hearing and size of the ears of animals.
- 9. Warning alarm calls given by different animals and its uses.
- 10. Hibernation.
- 11. Endangered animals and the need to protect and conserve them.

CYCLE - 02

Code: 5EVS(02)

Chapter: Seeds and Seeds

- 1. Sprouting / Germination of a seed.
- 2. Right conditions for a seed to grow air, water, warmth.

3. Kinds of seeds - classify on the basic of their shapes, size, colour, texture and use.

CYCLE-03

Code: 5EVS(03)

Chapter: Seeds and Seeds

Contents

- 1. Plants which hunt.
- 2. Wandering Seeds Seed dispersal.
- 3. Agents of seed dispersal by air, by animals, by water, by explosion.

CYCLE-04

Code: 5EVS(04)

Chapter: Whose Forests?

Contents

- 1. What are forests?
- 2. Importance of forests
- 3. Tribals / their activities
- 4. Afforestation
- 5. Deforestation and its effects
- 6. Measures to protect forests reserves and wildlife.
- 7. National parks and sanctuaries
- 8. Movements to preserve and protect forests and wildlife.

CYCLE-05

Code: 5EVS(05)

Chapter: From Tasting to Digesting

Contents

- 1. Taste of various food items
- 2. Changes in the food that takes place in mouth.
- 3. The path of food in our body.
- 4. Glucose gives energy

CYCLE-06

Code: 5EVS(06)

Chapter: From Tasting to Digesting

Contents

- 1. Dehydration—causes and cure.
- 2. Balanced diet
- 3. Hardships faced by poor people in procuring food.

CYCLE-07

Code: 5EVS(07)

Chapter: Sunita in Space

Contents

- 1. Shape of the earth
- 2. Space Sky, stars, sun and moon.
- 3. Difference between earth and space.
- 4. Gravity prevents us from falling off the earth's surface.
- 5. Sunita's experience in space.
- 6. View of the Earth from space no divisions visible
- 7. Changing phases of the moon.

CYCLE - 08

Code: 5EVS(8)

Chapter: Up You Go

- 1. Challenges faced by Mountaineers
- 2. Mountaineering equipments.
- 3. People who climbed the Mount Everest.
- 4. Preparations required before mauntainering
- 5. Leadership qualities.

DPS. VK CLASS-

CYCLE-09

Code: 5EVS(9)

Revision of the syllabus

Covered in Term - I

Syllabus for Term-I

- 1. Whose Forests?
- 2. From Tasting to Digesting
- 3. Sunita In Space

CYCLE-10

Code: 5EVS(10)

Chapter: Blow hot, blow cold

Contents

- 1. Breathing
- 2. Inhalation
- 3. Exhalation
- 4. Rate of Heart Beat
- 5. Rate of Breathing
- 6. Properties of Air

CYCLE-11

Code: 5EVS(11)

Chapter: When the Earth Shook

Contents

- 1. Natural Disasters
- 2. Effects on People
- 3. Earthquake Cause, Effects
- 4. Precautions during earthquake

CYCLE-12

Code: 5EVS(12)

Chapter: Experiments With Water

Contents

- 1. Things lighter than water will float.
- 2. Things heavier than water will sink.
- 3. Water can mix or dissolve many things in it.
- 4. Some things dissolve in water, some do not.
- 5. The dissolving tendency of things increases on increasing the temperature and vice versa.
- 6. Water dries up or evaporates on heating.

CYCLE-13

Code: 5EVS(13)

Chapter: A Treat for Mosquitoes

Contents

- 1. Germs, blood test
- 2. Disease caused by mosquitoes
- 3. Symptoms of malaria.
- 4. Prevention of Malaria
- 5. Diseases caused by houseflies

CYCLE-14

Code: 5EVS(14)

Chapter: A Treat for Mosquitoes

Contents

- 1. Causes of Anaemia
- 2. Prevention of Anaemia

CYCLE-15

Code: 5EVS(15)

Chapter: What if it finishes

Contents

Kinds of fuel.

- 2. Fossil Fuels.
- 3. Renewable & Non-renewable sources of energy.

पाठ्य पुस्तकें -संस्कत - रिम : (भाग-१)

अतिरिक्त अभ्यास पुस्तिका

विषय : संस्कत

CYCLE-16

Code: 5EVS(16)

Chapter: What if it finishes

Contents

- 4. Ill effects of air pollution.
- 5. Conservation of resources.
- 6. Alternative Fuel

CYCLE-17

Code: 5EVS(17)

Chapter: Who Will Do This Work

Contents

- 1. Importance of people who help us.
- 2. Occupations
- 3. Gandhi ji and untouchability.
- 4. Dignity of labour.

CYCLE-18

Code: 5EVS(18)

Revision of the syllabus covered in Term - II

Syllabus for Term-II

- **Experiments with Water**
- 2. A Treat for Mosquitoes
- 3. What if it finishes?

अप्रैल

- कारक परिचय 9.
- पाठ ११ (तृतीया विभक्ति) ₹.

मई

- 9. पाठ - १२ (चतुर्थी विभक्ति)
- धातु रूप क्रीड्र, नी (नयू), गमु(गच्छ्र)

जुलाई

- पाठ १३ (पंचमी विभक्ति) 9.
- धातु रूप दृशु (पश्यू), आनी (आनयू) ₹.

अगस्त

- पाठ १४ (षष्ठी विभक्ति) 9.
- ₹. अभ्यास - १ (अभ्यास पुस्तिका)
- अभ्यास २ (अभ्यास पुस्तिका) ₹.

सितम्बर

- पाठ १५ (सप्तामी विभक्ति) 9.
- अभ्यास ३ (अभ्यास पुस्तिका) ₹.
- ₹. अभ्यास - ४ (अभ्यास पुस्तिका)
- अभ्यास ५ (अभ्यास पुस्तिका) 8.
- अभ्यास -६ (अभ्यास पुस्तिका) ٤.

अक्तूबर

- पाठ १६ (सम्बोधन)
- धातु रूप / शब्द रूप राम ₹.

नवम्बर

- १. पाठ १७ (लृट् लकार , प्रथम पुरूष)
- २. धातु रूप पठ् लृट् लकार

दिसम्बर

- 9. पाठ १८ (लृट् लकार, म. और उतम पुरूष)
- २. अभ्यास ७, ८ (अभ्यास पुस्तिका)
- ३. धातुरूप कृ लृट् लकार

जनवरी

- 9. पाठ २२ (सुभाषितानि)
- २. शब्द रूप लता और फल
- ३. अभ्यास ६, १०, ११ (अभ्यास पुस्तिका)

फरवरी

- 9. अभ्यास १२ (अभ्यास पुस्तिका)
- २. शब्दरूप रमा
- ३. धातुरूप- लिख् , आनी (आनय्)

GERMAN

April/may

- 1. Das a b c (a b c of german)
- 2. Basic forms of greetings(for eg. Good morning ,good day etc)
- 3. Mini dialogues (asking each other names with greetings)
- 4. Numbers 1-10

July

- Inroducing gender based articles der(m),die(f),das(n),die(plural)
 _ein(m),eine(f),ein(n),-
- 2. Nouns(school and basic things required in school)
- 3. ja/nein(affirmation and negation)
- 4. kein, keine
- 5. FA/creative activity

August

- 1. Basic introduction(oral and written)
- 2. Framing of simple sentences
- 3. Framing of questions
- 4. Simple reading comprehension
- 5. FA/creative activity

September

- 1. Spoken skills: interview
- 2. Short paragraph: ich
- 3. Simple question answer
- 4. FA/creative activity

October

- 1. Personal pronouns
- 2. Wer,was
- 3. Nicht, kein/keine (excluded)
- 4. Verb-sein
- 5. Short and simple text comprehention

November

- 1. Simple dialog completion
- 2. Spoken skill: interview / conversation
- 3. Familie: family tree
- 4. possesive pronouns : meine/mein,deine/dein

December

- Short and simple paragraphwriting

 das ist meine Familie
- 2. Plural of nouns learnt
- 3. FA/creative activity
- 4. Spoken skill :meinefamilie

January

- 1. Months of the year
- 2. Days of the week
- 3. Short dialog
- 4. Creative activity

February

- 1. Numbers (0-100) (あーん)
- 2. Calculation of numbers
- 3. Fragen / Antworten
- 4. Stell Fragen
- 5. Antworte frei
- 6. Revision for the final exams

FRENCH

Book -Mon Passeport - I

April

Leçon - 1
 La France!
 Identification of some symbols of France, The French Culture, National festivals, monuments, currency, etc.

May

Leçon - 2
 Bonjour
 French Salutations & Greetings
 Subject Pronouns - Tu / Vous

July

- Leçon 3
 Pour Compter
 Counting 1-50 in French
 The alphabet
 Question with 'Combien'
- Leçon 4
 On pose la question
 What is this?
 Who is this?
 Idefinite articles
 Plural of nouns

August

Leçon - 5
 Mon meilleur ami
 Subject pronouns
 Adjectives
 The verb : être (to be)

September

Revision And Activities

October

Leçon - 6
 Tu es de quel pays?
 Verb: avoir (To have)
 Countries and nationalities

November

Leçon - 7
 Le week-end!
 The days of the week
 Subjects that you study
 Verb: Aller (to go)
 Ordinal numbers

December

Leçon - 8
 Ma famille
 The family
 ER ending verbs
 Possessive adjectives

Leçon - 9
 Bon anniversaire
 Invitation card
 Months of the year
 To say the month, date and time
 Cardinal numbers 50 - 100

January & February

Leçon - 10
 Ma saison préférée
 Seaons
 Colours

February

 Revision and Subject Enrichment Activity

JAPANESE

TEXTBOOK - HASHI

Lesson 2- Aisatsu

TERM 1
APRIL

Revision of Hiragana chart
Small Paragraph writing – Hiragana and
Translation
Lesson 1- Watashi
Making of an Identity Card

MAY

Lesson 3- Kazoku

Making of Family Tree

Conversation : Speaking about your family

Lesson 4- Kazoemasho

Hiragana – Reading and writing of small

paragraphs in Hiragana あーん

JULY

Combination Hiragana

Lesson 5- Karada

Lesson 6- Jikan (Hours and Minutes)

Conversation: Asking and Replying Time in

Japanese

Picture Description – Body Parts

AUGUST

Lesson 7 – Tsuki to Yobi

Paragraph Writing: Myself (Hiragana)

My Class room

Grammar: Arimasu, Imasu

Adjectives: OOKI, CHIISAI, TAKAI,

YASUI, ATARASHI, FURUI,

SAMUI, ATSUI, NAGAI, MIJIKAI

SEPTEMBER

Kanji – Numbers 1 to 10

Body Parts - Mouth, Eyes, Ears

Workbook

OCTOBER

Lesson 8- Kisetsu to Tenki

Lesson 9- Hogaku

Combination Hiragana

NOVEMBER

Lesson 10-Tokoro

Lesson 11- Shigoto

Verbs – Ikimasu, Okimasu, Mimasu,

Nemasu, Asobimasu, Tabemasu,

Nomimasu, Shimasu

DECEMBER

Lesson 12- Norimono

Lesson 13 - Kazoemasho

JANUARY

Kanji – Days of the Week

Location

Paragraph Writing- Mainichi (Watashino

Mainichi)

FEBRUARY

Workbook

Short Composition

COMPUTERS

Term - I

Code : 5 Comp (01)

Contents

Chapter 1- Python Turtle

Graphics - An

Introduction

Learning Objectives

To familiarise the children with basic programming in Python Turtle Graphics.

Activity

Creating various figures using Python Turtle commands

Code: 5 Comp (02)

Contents

Chapter 1 - Python Turtle Graphics

- An Introduction

(Contd.)

Learning Objectives

To create various figures using commands in Python Turtle Graphics with screen and pen settings

Activity

Creating various figures using commands of Python Turtle Graphics

Code: 5 Comp (03)

Contents

Chapter 2 - More About Python Turtle Graphics

Learning Objectives

To familiarise the children with the coordinates in the Python Turtle Graphics Screen and using commands like pos, setpos, write, PU, PD

Activity

Creating various figures and writing on Python Turtle Graphics Screen.

Code: 5 Comp (04)

Contents

Chapter 2 - More About Python Turtle Graphics

Learning Objectives

To familiarise the children with the coordinates in the Python Turtle Graphics Screen and using commands like pos, setpos, write, PU, PD

Activity

Creating various figures and writing on Python Turtle Graphics Screen.

Code: 5 Comp (05)

Contents

Chapter 2 - More About Python Turtle Graphics

Learning Objectives

To familiarise the children with the coordinates in the Python Turtle Graphics Screen and using commands like pos, setpos, write, PU, PD

Activity

Creating various figures and writing on Python Turtle Graphics Screen.

Code: 5 Comp (06)

Contents

Chapter 3 -Python Turtle Graphics - Advance Commands

Learning Objectives

Introducing commands like circle, dot, filling colours and loops in Python Turtle Graphics

Activity

Creating various figures using the above commands.

Code: 5 Comp (07)

Contents

Chapter 3 - Python Turtle Graphics - Advance Commands

Learning Objectives

Introducing commands like circle,

dot, filling colours and loops in Learning Objectives Python Turtle Graphics

Activity

Creating various figures using the above commands.

Code: 5 Comp (08 & 09)

Contents

Revision of all concepts taught

Learning Objectives

Revision of all concepts taught will be done

Activity

Revision.

Term - II

Code : 5 Comp (10)

Contents

Chapter 4 - Introduction To Excel

Learning Objectives

Children will learn about spreadsheet software - MS Excel. To start Excel, Components of a worksheet, concept of spreadsheet/ worksheet and workbook, rows and columns, cell, cell address, active cell.

Activity

Creating Tables in Excel

Code : 5 Comp (11)

Contents

Chapter 4 - Introduction To Excel (contd.)

Students will learn about Title bar, Name box, formula bar, status bar, types of data, range of cells, wrap text, saving a file, exiting excel.

Activity

Creating Tables in Excel with formatting

Code : 5 Comp (12)

Contents

Chapter 5 - Formatting Data in Excel

Learning Objectives

Students will be learning about autofill- generating sequences, adding borders, merge and center.

Activity

Using above mentioned features to create tables in Excel.

Code : 5 Comp (13)

Contents

Chapter 5 - Formatting Data in Excel (contd.)

Learning Objectives

The children will learn resizing column width and row height, deleting rows / columns, left , right and centre alignment of data in cell , changing background colour of applying bold, italics, underline features to data, changing font, font size, font colour of data, inserting rows/columns.

Activity

Using above mentioned features to create tables in Excel.

Code : 5 Comp (14)

Contents

Chapter 6 -Formulas in Excel

Learning Objectives

Students will learn to enter and copy formulas Hence they will be able to do calculations in Excel using operators,

Activity

Creating tables and doing calculations using operators.

Code: 5 Comp (15)

Contents

Chapter 6 - Formulas in Excel (Contd.)

Learning Objectives

Use of operators in calculations will be continued. Automatic recalculation feature in excel worksheet will be taught.

Activity

Creating tables and doing calculations.

Code: 5 Comp (16)

Contents

Chapter 6 -Formulas in Excel (Contd.)

Learning Objectives

The students will continue the use of formulas with operators.

Activity

Creating tables and doing calculations using operators.

Code: 5 Comp (17 & 18)

Contents

Revision of the concepts taught.

Learning Objectives

Revision of the concepts taught will be done.

Activity

Revision

LIFE SKILLS

April

Being a family (The story of a family)

May

Having Good Thoughts (The story of a sad king)

July

• Being Kind (A poem)

August

Being Forgiving (The story of two servants)

September

Being Truthful (The story fo a shepherd)

October

• Being peaceful (The story of a thief)

November

• Being Leader (The story of crabs)

December

Being Co-operative (The story of soups)

January

Being Just (The story of a horse)

February

• Being United (The story of a pigeon)

PHYSICAL EDUCATION

April

- Physical fitness workout
- Relay Race
- Various in running movements.

May

- Introduce the basics and cricket
- How to grip the bat /ball
- Bean bag relay
- Hitting the ball

July

- Repetition of the basics of cricket
- How to take the Forward stance and Back stroke
- Game Dodge ball

August

- Physical fitness workout'
- Game Hopscotch
- Game- Circle Dodge

September

- Throw ball
- Running
- Game Fire in the Mountain

October

- Selection for intersection competition
- Practice for intersection matches
- Finals

November

- Introduction of basket ball
- Basic dribbling
- Drills for the passes and dribbling

December

- On the spot marching
- Proper marching with swinging of arms
- Game Kho Kho

January

- Repeat marching
- Recreational Game Rhythemic activities, Dribble and passes
- Badminton

February

- Various games
- Throw ball
- Skipping rope
- Balance and coordinating

DANCE

April

- Differences between classical and folk dances.
- Creative and Contempory Dance style.

May

• Classical dance forms/ Basic steps of contemporary dance warm up exercise.

July/August

- Basic steps of Kuchipudi
- Basic steps of Contempory dance.

September

- Mudras
- Various jumps in floor excercises.

October

Sports day dances / Annual Day dances

November

Sports day dances/ Annual Day dances

December

- Folk dance
- Western dance

January

- Creative dance
- Different types of expression

February

Revision

MUSIC

April & May

Indian -

- Alankaar and basic information of Swaras and Saptak.
- Chanting of Swaras and mantras (activity)
- Hum ko man ki shakti dena

July

Indian -

- Aaroha Avroha Pakad of Raags defination.
- Swar, types of Saptak, definition of sangeet.
- Songs from almanac / love is the flag.

August

Indian -

- Chota khyal rag Bhopali (Gaiya-Ganpati)
- Its love (3) that makes the world go go round.
- Placement of finger and thumb on keyboard, harmonium, sitar, tabla (activity)
- Patriotic Song

September

Indian -

- Teen Taal counts, bols and beats on hands.
- Chal swar, achal swar (definition and recognising them when played on harmonium)
- Songs of the festivals

October

Indian -

- Almanac songs
- Revision of classical music and songs.
- Assesment and grading.

November

Indian -

- Taal Teen taal counts, bols and beats on hands.
- Raag Bhairav Introduction (aaroha, auroha and pakad)
- Hari Bol (2)...

December

Indian -

- Chhota khyal of Bhairav
- Christmas carols

• Knowledge imparted on the works on famous musicians - Tansen, Pt. Ravi Shankar, Ust. Zakir Hussain. Also discussed during activity.

January

Indian -

- Dhoom sherara ra Choro kal ki baate
- Meditation, chanting of mantras
- Raag Bhairav Bhajan

February & March

Indian & Western -

- Revision for final assessment
- Oral testing and grading
- Written questionare

ART

April

- Complete the pattern
- Tessellation

May

• Origami

July

- Pencil shaving Activity
- Indian artist Nandlal bose

August

- Western Artist Picasso
- Quilling

September

- Scratch Art
- Sand Paper painting

October

- Rangoli
- Glond Art

November

- Chinese Folk Art
- Portrait Study

December

- Textures
- Stencil

January

- Poster Making
- Paper Collage

February

- Toon Characters
- Typography