# Queens' College, Indore 

## Annual Curriculum Plan COMPENDIUM

## Exam-Wise Syllabus

Class - IV

## Session 2021-2022

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## Dear Students

Success depends upon the efforts you put in your work. You can create a picturesque landscape for a better tomorrow only when you work industriously with a single-minded objective i.e. to reach your mission. Work with nerve and verve and you will surely create a milestone in all your endeavours.

The compendium will help you to organize your studies throughout the session. You will also be exposed to a variety of co-scholastic activities whereby you can unfold your talents.

The last page of the compendium has general tips to help you study all the subjects. Do read the tips.
I wish that this compendium will guide and help you in planning meticulously throughout the session. GOD BLESS YOU ALL!

## Ms. SmitaRathore

## Principal

SUBJECT : ENGLISH

| Term I <br> March- September <br> (Volume-1) | ELO and Success Criteria |
| :---: | :---: |
| Beauty of the Night <br> - Poem 1- Don't Be Afraid of the Dark <br> - Homographs | Students will be able to :Cognitive <br> - Identify keywords related to fear. <br> - Explain the keyword and comprehend poem. <br> - Describe the keywords to overcome fear of darkness. <br> - Comprehend the poem using the keyword. <br> - Identify homographs and use them in sentences. |
| Grammar <br> - Nouns without singular counter parts | - Identify plural forms of given nouns. <br> - Describe nouns that are always in the plural form (without singular counterparts). <br> - Demonstrate the ability to construct nouns without singular counterparts. <br> - Create sentences using nouns without singular counterparts (with suitable verbs). |

## Collective Nouns

- Identify collective nouns in sentences .
- Describe groups of nouns using suitable collective nouns.
- Demonstrate ability to write suitable collective nouns for groups of nouns.
- Differentiate between the use of different collective nouns for the same group of nouns.
- Social(Indicator) :
- Explain the values of diverse views
- EMOTIONAL(Indicator):
- Identify personal strength and areas of improvement.
- Analyse factors that influence ability/ inability to self regulate.
- Lesson-2 Tricky Business Tom Sawyer- The Smart Whitewasher
- Identify keywords related to curiosity .
- Explain the keywords and comprehend the lesson.
- Learn the different ways of forming prefixes.
- How adding prefixes forms the opposites of words.
- Identify possession in nouns .
- Describe possession in suitable nouns.
- Demonstrate the ability to form nouns indicating possession.

|  | - Create sentences indicating possession(Singular and Plural Nouns). Social(Indicator): <br> - Describe ways of establishing and managing relationships. <br> - Describe factors contributing to positive relationships. <br> - Analyse and improve cooperative behavior in teams. <br> EMOTIONAL(Indicator): <br> - Explain how different emotions influence their actions. |
| :---: | :---: |
| - Plural Possessive nouns | - Identify plural possessions in nouns. <br> - Create sentences using plural possession. |
| - Lesson-3 Light Years Ahead The Electrifying Life of Nikola Tesla | - Identify keywords related to curiosity. <br> - Explain the keyword and comprehend the lesson. <br> - Describe the keyword to learn better and overcome challenges. |
| - Quantifiers | - Able to identify Quantifiers . <br> - Differentiate between quantifiers between some and any. |
| - Grammar Direct and Indirect objects | - Identify direct and indirect objects in sentences . <br> - Explain the action (doer or receiver) in a sentence using direct and indirect objects. <br> - Create sentences using direct and indirect objects. <br> Social (Indicator): <br> - Analyse and improve cooperative behavior in teams . |


|  | - Identify factors that influence effective communications in relationships. <br> - Describe ways of establishing and managing relationships. EMOTIONAL(Indicator): <br> - Explain how different emotions influence their actions. <br> - Analyze factors that influence ability/ inability to self regulate. <br> - Describe consequences of decisions. |
| :---: | :---: |
| - A Pillar of Strength Poem-4 The Strength of a Tree | - Identify keywords relate to tree. <br> - Describe the keywords to know about the nature. <br> - Explain the keyword and comprehend the poem. |
| - Grammar <br> - Common and neuter gender | - Identify nouns denoting gender (in sentences). <br> - Describe the function/ purpose of common and. neuter gender nouns. <br> - Categorize nouns into different genders. <br> - Construct nouns denoting common and neuter genders. <br> - Create sentences using nouns denoting common and neuter genders. <br> Social(Indicator): <br> - Describe ways of establishing and managing relationships. <br> - Describe how to make a difference in own community. |

## Similes

Grammar
Simple future tense

## Conjunctions

EMOTIONAL(Indicator) :

- Explain the effect of their different emotions and actions on others.
- Describe consequences of decisions.
- Identify similes in sentences.
- Describe the comparison conveyed through a similes.
- Construct similes using given adjectives and nouns.
- Create sentences using similes.
- Identify keywords related to stealing/ offence .
- Describe the keywords to overcome the habit of stealing.
- Explain the keyword and comprehend the lesson.
- Identify the tense forms of verbs in sentences .
- Describe the function of simple future tense .
- Construct verbs in the simple future tense form (Using modals will/ shall).
- Create sentences using simple future tense.
- Identify conjunctions that join words and sentences.
- Describe the function of given conjunctions.
- Demonstrate the ability to join sentences using conjunctions.

|  | - Create sentences using suitable conjunctions. <br> Social(Indicator): <br> - Identify factors that influence effective communication in relationships. <br> - Analyze and improve cooperative behavior in teams. <br> - Describe strategies to resolve conflict in a variety of situations. <br> EMOTIONAL(Indicator): <br> - Explain the effect of their different emotions and action son others. <br> - Explain the values of diverse views. |
| :---: | :---: |
| Lesson-6 A Tale of Courage Theseus and Minotaur <br> Grammar Phrasal Verbs <br> Subjects and predicates | - Identify keywords related to courage. <br> - Describe the keywords to overcome challenges in life. <br> - Explain the keyword and comprehend the lesson. <br> - Identify verbs in sentences. <br> - Describe phrasal verbs and their components . <br> - Construct phrasal verbs using prepositions/ adverbs. <br> - Create sentences using phrasal verbs . <br> - Identify subjects and predicates in sentences. <br> - Describe subjects and predicates, their functions and components. <br> - Construct subjects and predicates to form sentences. |



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|  | - Identify the elements of formal letter. <br> - Letter to the principal or the class teacher using relevant words. |
| :--- | :--- |
| Create a poster | - Create a suitable title. <br> - Illustrate the given title along the relevant caption or slogans. |
| Unseen passage and poem | - Read and Comprehend. <br> - Answer questions based on them and infer meanings of unfamiliar words. |
| Informal Letter | - Write a letter using the appropriate format to sibling, friend or relative. |


| Term II <br> October- February <br> (Volume-2) |  |
| :--- | :--- |
| Team Trouble |  |
| - Lesson 7-The Musicians of |  |
| Bremen | Students will be able to :- <br> Cognitive |
|  | - Identify keywords related to strength and weaknesses. |
|  | - Explain the keyword and comprehend lesson. |
|  | - Describe the keywords to overcome weaknesses. |

- Prepositions of directions
Grammar
- Adverbs denoting frequency


## Scare Tactics

- Lesson-8 The Dentist and The Crocodile
- Identify prepositions and use them in sentences.
- Describe the use/ function of prepositions of direction.
- Demonstrate the ability to use preposition of direction to express movements.
- Create senten.ces using prepositions of directions.
- Identify adverbs in a sentence.
- Describe the function of adverbs (denoting frequency).
- Demonstrate the ability to use adverbs denoting frequency to qualify verbs.
- Create sentences using suitable adverbs denoting frequency.

Social(Indicator):

- Analyze and improve cooperative behaviour in teams
- Explain the values of diverse views

EMOTIONAL(Indicator) (Indicator)(Indicator):

- Identify personal strength and areas of improvement.
- Set goals to work on their areas of improvement.
- Identify keywords related to mischievous .
- Explain the keyword and comprehend lesson.
- Describe the keywords to appreciate humour and incorporate in their lives.
- Comprehend the lesson using the keyword.

- Grammar Interrogative adjectives

Possessive pronouns

- Identify adjectives in sentences.
- Describe the function of interrogative adjectives.
- Demonstrate the ability to use suitable interrogative adjectives and nouns.
- Create questions using interrogative adjectives.
- Identify possessions in sentences.
- Describe the sentences of possessive pronouns.
- Demonstrate the ability to use possessive pronoun.
- Create sentences using possessive pronouns.

Social(Indicator):

- Analyse and improve cooperative behavior in teams
- Describe strategies to resolve conflict in a variety of situations

EMOTIONAL(Indicator):

- Explain how different emotions influence their actions
- Analyze factors that influence ability/ inability to self regulate


## Identify keywords related to voyage

- Describe the keywords to know about the voyage
- Explain the keyword and comprehend the text

| - vrammar | - Identify prepositions (in sentences) |
| :---: | :---: |
| Preposition of time | - Describe the time/duration of an activity or event using prepositions <br> - Demonstrate the ability to use prepositions of time with nouns <br> - Create sentences using suitable prepositions of time |
| Articles (a/an/the) | - Identify articles in sentences (a/an/the) <br> - Describe nouns using suitable articles (a/an/the) <br> - Explain instances of the use of definite articles 'the' <br> - Create sentences using articles (a/an/the) <br> Social(Indicator): <br> - Explain the values of diverse views. <br> - Identify factors that influences effective communication in relationships. <br> - Describe strategies to resolve conflict in a variety of situations. <br> - Analyze and improve cooperative behaviour in teams. <br> EMOTIONAL(Indicator): <br> - Set goals to works on their areas of improvement |
| Spreading the Cheer <br> Poem-11 As Simple As A Smile | - Identify keywords related to smile. <br> - Describe the keywords to overcome describe smile can be simple and effective. <br> - Explain the keyword and comprehend the poem. |
| Grammar |  |



| Lesson-12 Hachiko- The Dog Who Waited <br> Grammar Adjectives and comparisons | - Identify keywords related to friendship and love. <br> - Describe the keywords on how to maintain friendship and love. <br> - Identify adjectives and comparisons. <br> - Describe the function of adjectives and comparisons. <br> - Compare nouns using suitable adjectives (regular/ irregular). <br> - Create sentences using adjectives and comparisons. <br> Social(Indicator): <br> - Describe how to make difference in own community. <br> - Describe factors related to contributing to positive relationship. <br> - Analyze and improve cooperative behavior in teams. <br> - Describe ways of establishing and managing relationships. <br> EMOTIONAL (Indicator): <br> - Describe consequences of decisions . |
| :---: | :---: |
| Writing and reading skills |  |
| Create a poem | - Create a poem based on its appropriate form. <br> - Using elements in suitable manner. <br> - Using appropriate rhyming words, different parts of speech to express emotions. |
| Paragraph | - Well-structured paragraph using relevant words , idioms, and similes. |


| Session 2021-2022 |  | - Using appropriate forms of tenses.  <br> Create a travel brochure - Using required things. <br> - Use relevant key elements and parts of speech. <br> - Illustrate the brochure. <br> Unseen passage and poem - Read and comprehend. <br> - Answer questions based on them and infer meanings of unfamiliar words. <br> Formal Letter - Write an application using the appropriate format to the class teacher or the <br> principal of the school |  |
| :---: | :--- | :--- | :---: |


| $\begin{gathered} \text { टर्म-1 } \\ \text { (मार्च से सितंबर) } \end{gathered}$ | विषयवस्तु | उद्देश्य <br> विद्यार्थीनिम्न दक्षताप्राप्तकरेंगे- |
| :---: | :---: | :---: |
| मौखिक एवं लिखित पाठ्यक्रम | उत्कर्ष <br> पाठ-1 यह है त्योहारों का देश (कविता) | कविता का लय व भाव युक्त वाचन करना। <br> कविता का मूलभाव समझना। <br> कविता के माध्यम से विभिन्न त्योहारों की सामान्य जानकारी एवं एकता की भावना का विकास करना। <br> वर्ण-विच्छेदकरना। |
|  | पाठ-5 सरकस का सिंह (कविता) | कविता का उचित हाव-भाव के साथ सस्वर वाचन करना। <br> कविता में से तुकांत शब्दों को छाँटना। <br> स्मरण शक्ति का विकास करना। <br> पशु जगत के प्रति संवेदना एवं प्रेम-भाव जागृत करना। <br> व्यक्तिवाचक एवं जातिवाचक संज्ञा का सामान्य भेद एवं विलोम शब्द का ज्ञान। |
|  | पाठ-2 चिड़िया की बच्ची (कहानी) | कहानी का भावपूर्ण वाचन करना। <br> प्रकृति प्रेम के साथ पशु-पक्षियों की संवेदनाओं का सूक्ष्म अवलोकन करना। <br> मीठी बातों एवं कठोर स्पर्श से बचने का संदेश देना। |


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| :---: | :---: | :---: |
|  |  | - पर्यायवाची शब्द एवं लिंग संबंधी अभ्यास कार्य करना। |
|  | पाठ-8 दीक्षा की देन (प्रेरक प्रसंग) | - प्रसंग का भाव-पूर्ण वाचन एवं अर्थ बोध। <br> - समाज-सेवा, सहयोग द्वारा समाधान के भाव जागृत करना। <br> - विनम्रता एवं उत्तरदायित्वों की सामान्य जानकारी प्राप्त करना। <br> - 'उपसर्ग' एवं 'विशेषण' शब्दों का उचित प्रयोग करना। |
|  | पाठ-12 मोहन का दु:ख (एकांकी) | - पात्रानुकूल भावपूर्ण वाचन करना। <br> - तर्क-वितर्क, विस्तृत-विवरण, विश्लेषण करना। <br> - छुआछूत कुरीति का परिचय एवं दिखावे से दूर रहकर समानता की भावना का विकास करना। <br> - ध्वनियों का अभ्यास, पात्र-अनुसार आवाज़ के उतार-चढ़ाव का अभ्यास। <br> - क्रिया शब्द एवं विरामचिहनों का अभ्यास करना। |
| व्याकरण | भाषा, वर्ण विचार, संज्ञा, लिंग, वचन, सर्वनाम, विशेषण, मुहावरों का प्रयोग, वाक्य, विराम चिह्न, समश्रुत भिन्नार्थक शब्द, पर्यायवाची शब्द, विलोम शब्द, गिनती (1-50) | - भाषिक दक्षता कौशल का विकास करना। <br> - नाम का महत्त्व, एकवचन एवं बहुवचन, स्त्रीलिंग-पुल्लिग में भेद को समझना, मुहावरों का उचित प्रयोग करना। <br> - शब्द भंडार में वृद्धि करना। <br> - देवनागरी लिपि में अंकों को शब्दों में लिखने का अभ्यास करना। |

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| रн | भौपचारिक पत्र, अनुच्छेद लेखन, कहानी निर्माण एवं चित्र वर्णन | कल्पनाशीलता एवं विचारात्मकता का उपयोग बढ़ाना। <br> पत्र प्रारूप के अनुसार, पत्र लेखन अभ्यास। <br> भाषाभिव्यक्ति का विकास करना, चित्र के अवलोकन द्वारा लेखन कौशल का विकास करना। |
| :---: | :---: | :---: |
| अपठितबोध | अपठित गद्यांश एवं पद्यांश | - अर्थ बोध एवं ज्ञानात्मक कौशल को विकसित करना। |
| गतिविधि | कविता निर्माण | - कल्पनाषीलता एवं रचनात्मकता का विकास करना। |
| $\begin{gathered} \text { टर्म-2 } \\ \text { (अक्टूबर से फरवरी) } \end{gathered}$ | विषयवस्तु | उद्देश्य |
|  | उत्कष्ज्र पाठ-9 गीत खुशी के (कविता) | कविता का लय-भाव सहित वाचन करना। <br> कविता के मूलभाव को समझना। <br> वैज्ञानिक दृष्टि व देश-प्रेम के भाव का विकास करना। <br> सौरमंडल की सामान्य जानकारी के साथ कल्पना शक्ति को विकसित करना। <br> संयुक्तव द्वित्व व्यंजन तथा एकवचन व बहुवचन शब्दों का उचित प्रयोग करना। |
|  | पाठ-13 शरद का आकाश (कविता) | कविता का लययुक्त वाचन करते हुए प्रकृति के वर्णनको समझना। ऋतुओं की सामान्य जानकारी। अनेकार्थी शब्दों का अनुप्रयोग। |

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|  | --14 शिक्षा (कहानी) | कहानी का भावपूर्ण पठन-पाठन एवं अर्थ बोध करना। <br> पुरस्कार एवंदंड के साथ मनुष्य बनने, मानवता को श्रेष्ठ मानने की सीख प्राप्त करना। <br> शिक्षा के विभिन्न रूपों से परिचय एवं महत्त्व समझना। <br> पर्यायवाची, विलोम एवं बहुवचन शब्दों का उचित प्रयोग करना। |
| :---: | :---: | :---: |
|  | पाठ-15 पहाड़ पुरूष (प्रेरक—जीवनी) | पाठ का भावपूर्ण पठन-पाठन करना। <br> दृढ़ निश्चय व कर्मठता का उदाहरण दर्शाना। <br> पाठ का मूलभाव समझाते हुए समस्या-समाधान व एकला चलो की सीख समझना। <br> चिंतन व अनुमान से निष्कर्ष तक पहुँचने की दक्षता का विकास करना। <br> ■ उपसर्ग से विलोम निर्माण, प्रत्यय व मुहावरों का उचित प्रयोग करना। |
|  | पाठ-16 कमकम प्लीज़ कम (हास्य कथा) | पाठ के मूलभाव, नाम के महत्त्व को समझना। <br> विनोद-प्रियता के साथ अच्छे व्यवहार की सीख देना। <br> किसी के नाम को न बिगाड़ने का संदेश देना। <br> क्रिया विशेषण शब्दों को उनके भेदों के अनुसार समझना। |
| व्याकरण | क्रिया, अव्यय, वाक्य, विराम चिह्न, विलोम | - अविकारी क्रिया-विशेषण शब्दों का दैनिक जीवन में महत्त्व |

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|  | द. पर्यायवाची शब्द, अनेकार्थक शब्द, वाक्यांश के लिए एक शब्द, मुहावरे |  | समझना। <br> भाषिक दक्षता कौशल का विकास करना। <br> संकल्पना ज्ञान प्राप्ति हेतु उदाहरण सहित अभ्यास करना। शब्द भंडार में वृद्धि करना। |
| :---: | :---: | :---: | :---: |
| रचनात्मकलेखन | औपचारिक पत्र, संवाद-लेखन, अनुच्छेद लेखन, चित्र वर्णन। |  | औपचारिक पत्र प्रारूँ अनुसार लेखन कौशल विकास। <br> कल्पनाशीलता, विचारात्मकता, अवलोकन, भावाभिव्यक्ति के अनुसार रचनात्मक लेखन करना। |
| अपठितबोध | अपठित गद्यांश व पद्यांश |  | गद्यांश/पद्यांष को पढ़कर समझना एवं उससे संबंधित अभ्यास करना। <br> पठन व पाठन की क्षमता का विकास करना। |
| गतिविधि | एकांकीमंचन |  | बहुमुखी प्रतिभा का विकास। |

## MATHEMATICS

| TERM - I <br> March- September <br> (Volume-1) | ELO and Success Criteria |
| :---: | :---: |
| Oral + Written | Students will be able to |
| Chapter 1 | • Cognitive |
| Shapes <br> Around Us | Identify concentric circles. <br> Identify regular and irregular polygons, triangles, quadrilaterals, <br> rectangles and squares. |

* Find the radius, diameter and chord in a circle.
* Construct circles using compass.
* Identify concentric circles.

2. Predict the number of lines of symmetry in regular polygons.

* Identify lines of symmetry.
* Create shapes with one or more lines of symmetry.
* Predict the number of lines of symmetry in regular polygons.
- Social (Indicator)

1. Describe ways of managing relationships.

- EMOTIONAL(Indicator)

1. Explain the effects of different emotions on themselves and others.

- Chapter 2

Numbers up to 5 -digits

- Cognitive

1. Round off numbers to the highest place.

* Identify the value of each place in a 5-digit number.
* Represent the value of 5-digit numbers in words and numerals.
* Round off numbers to the highest place.

2. Arrange numbers in ascending and descending order.
*. Compare 5-digit numbers using >, < and =.

* Arrange 5-digit numbers in ascending and descending order.
- Social (Indicator)

1. Describe factors contributing to positive relationship.
2. Describe strategies that assist their learning.

- EMOTIONAL(Indicator)

1. Analyze the factors that influence ability/inability to self-regulate.

- Chapter 3

Addition and Subtraction

- Cognitive

1. Solve real life problems using addition and subtraction.

* Add two or more numbers (with/without carryover).
* Subtract numbers (with/without borrow).
* Solve real life problems in addition and subtraction.

2. Apply estimation to solve real life addition/subtraction problems.

* Apply estimation to solve real life addition and subtraction problems.
- Social (Indicator)

1. Describe how to make difference in own community.
2. Describe consequences of decisions.

- Chapter 4

Multiplication

- Cognitive

1. Multiply numbers using different methods (long multiplication and lattice multiplication).

* Multiply numbers using different methods (long multiplication and lattice multiplication).

2. Solve problems based on Multiplication.

* Estimate the product of two numbers.
* Solve problems based on multiplication.
- Social (Indicator)

1. Analyze and improve cooperative behavior in teams.

- EMOTIONAL(Indicator)

1. Explain how different emotions influence their actions.

- Chapter 5 Division
- Cognitive

1. Apply the inverse relationship of division and multiplication to solve problems.

* Divide numbers having using different methods.
* Explain inverse relationship between division and multiplication.
* Apply the inverse relationship of division and multiplication to solve problems.
- Social (Indicator)

1. Analyze and improve cooperative behavior in teams.

- EMOTIONAL(Indicator)

1. Explain how different emotions influence their actions.

- Metacognitive

1. State how they respond to feedback.

# Session 2021-2022 

## Cognitive

1. List the factors of a number.

* Identify factors as numbers that divide a number without leaving a reminder.
* Differentiate between prime and composite numbers.
* List the factors of a number.

2. List the multiples of a number.

* Identify multiples as the product of two numbers.
* List the multiples of a number.

3. Apply divisibility tests to check whether a number is divisible by 2,5 or 10 .

* Apply divisibility tests to check whether a number is divisible by 2,5 or 10 , especially for large numbers.
- Social (Indicator)

1. Describe how to make a difference in own community.

## Cognitive

1. Create a new pattern based on a rule.

* Identify the rule of a pattern.
* Extend a given pattern.
* Create a new pattern based on a rule.
- Social (Indicator)

1. Describe ways of managing relationships.

- EMOTIONAL(Indicator)

1. Set goals to assist them to self-regulate.

| TERM - II <br> October- February <br> (Volume-2) | ELO and Success Criteria |
| :---: | :---: |
| Oral + Written | Students will be able to: |
| - Chapter 8 <br> Area and Perimeter | - Cognitive <br> 1. Compare areas and perimeters of different shapes <br> * Measure areas of different shapes. <br> * Measure perimeters of different shapes. <br> * Compare areas and perimeters of different shapes. |

2. Create shapes of same area and different perimeters.

- Social (Indicator)

1. Describe ways of managing relationships.

- EMOTIONAL(Indicator) (Indicator)

1. Identify likes, dislikes, needs and wants.

- Chapter 9

Fractions 1

- Cognitive

1. Compare unit fractions.

* Represent fractions as a part of whole.
* Compare and arrange unit fractions.

2. Find equivalent fractions.

* Identify equivalent fractions.
* Find equivalent fractions.

3. Add and subtract like fractions.

* Identify like and unlike fractions.
* Compare and arrange like fractions.
* Add and subtract like fractions.
- Social (Indicator)

1. Describe how they help their parents.
2. Describe how to manage relationships.

- EMOTIONAL(Indicator)

1. Identify personal strengths and areas of improvement.

Fractions 2

- Chapter 11

Measurement

- Cognitive

1. Convert improper fraction to mixed fraction \& viceversa.
2. Identify types of fractions (proper, improper and mixed).
3. Convert improper fractions to mixed fractions and vice versa.

- EMOTIONAL(Indicator)

1. Describe consequences of decisions.

- Cognitive

1. Add and subtract units of measurement.

* Convert between units of distance.
* Convert between units of capacity.
* Convert between units of mass.
* Add and subtract units of measurement.
- Metacognitive

1. Describe how they check on their learning.

- Chapter 12

Tracking Time

- Cognitive

1. Convert 24-hour format to 12 -hour format and vice versa.

* Read and write time to the exact minute.
* Convert 24 -hour format to 12 -hour format and vice versa.

2. Calculate the duration in hours and minutes

* Convert between different units of time.
* Calculate the duration in hours and minutes.
- Social (Indicator)

1. Describe ways of communicating in a relationship.

- EMOTIONAL(Indicator)

1. Describe ways to self-regulate.

- Chapter 13 HCF and LCM
- Cognitive

1. Calculate the HCF of two or more numbers.

* Identify the common factors of two or more numbers.
* Calculate the HCF of two or more numbers.

2. Calculate the LCM of two or more numbers.

* Identify the common multiples of two or more numbers.
* Calculate the LCM of two or more numbers.
- Chapter 14

Bar Graph

- Cognitive

1. Create bar graphs

* Interpret bar graphs.
* Create bar graphs.
- Social (Indicator)

1. Describe ways of managing relationships.

- EMOTIONAL(Indicator)

1. Analyze their ability to self-regulate.

## GENERAL SCIENCE

| Term -1 <br> March-September <br> (Volume-1) | ELO and Success Criteria |
| :--- | :--- |
| Oral +Written | Students will be able to: |
| 1) Food, Our Fuel | COGNITIVE <br> 1. Categorise foods based on the nutrients they provide. <br> - List the nutrients that food provides. <br> - Describe the role of the different nutrients in our food. <br> - Categorise foods based on the nutrients they provide. <br> 2. Propose ways to improve our food habits. |
|  | - Describe food habits. <br> - Analyse food habits (range: healthy, harmful). <br> - Propose ways to improve our food habits. <br> SOCIAL (INDICATOR) |
|  | 1) Describe how to make a difference in one's own community. <br> EMOTIONAL(INDICATOR) |


|  | 1. Explain how different emotions influence their actions. <br> 2. Explain the effect of their different emotions and actions on others. <br> 3. Analyse factors that influence ability to self-regulate. |
| :--- | :--- |
| 2) Our Invisible Friend | COGNITIVE <br> 1. Explain the uses of the properties of air. <br> - Describe the properties of air. <br> - Explain the uses of the properties of air. <br> 2. Describe ways to reduce air pollution <br> - List ways in which air is polluted. <br> - Describe ways to reduce air pollution <br> EMOTIONAL(INDICATOR) <br> 1. Explain how different emotions influence their actions. |
| 3) It's All A Cycle | COGNITIVE <br> 1. Analyse the similarities and differences between the young ones of egg laying <br> animals and mammals. <br> - Identify the ways in which animals reproduce (range: egg-laying animals, animals <br> that give birth). <br> - Analyse the similarities and differences between the young ones of egg-laying <br> animals and mammals. <br> 2. Explain the changes in the stages in the life cycles of different animals. <br> - Identify the stages of growth in the life cycle of a specific animal. |

- Sequence the stages in the life cycle of a specific animal.
- Explain the changes that occur at each stage in the life cycle of a specific animal.


## EMOTIONAL(INDICATOR)

1. Analyse what they have learnt about themselves.

## SOCIAL (INDICATOR)

1. Describe how to make a difference in own community.

## 4) The Journey Of Food

## COGNITIVE

1. Sequence the processes that aid with the digestion of food.

- Name the organs that aid with the digestion of food.
- Describe the functions of the organs that aid with the digestion of food.
- sequence the processes that aid with the digestion of food.

2. Describe the roles played by different parts of the body in getting rid of waste.

- List ways through which the body gets rid of waste.
- Describe the roles played by different parts of the body in getting rid of waste.

3. Propose ways to improve our digestion and maintain a healthy excretory system.

- Identify habits that are useful or harmful to our digestive health and excretory system.
- propose ways to improve our digestion and maintain a healthy excretory system.

|  | SOCIAL (INDICATOR) <br> 1. Explain the values of diverse views. <br> 2. Identify factors that influence effective communication in relationships. <br> 3. Describe factors contributing to positive relationships. <br> 4. Analyse and improve cooperative behavior in teams. |
| :--- | :--- |
| 5) The Layer Of Life | COGNITIVE <br> 1. Explain the composition of the layers of soil. <br> - Describe the formation of the layers of soil. <br> - Explain the composition of the layers of soil. <br> 2. Propose ways to conserve soil. <br> - Describe the causes and effects of soil erosion. <br> - Explain the need to conserve soil. <br> - Propose ways to conserve soil. |
|  | EMOTIONAL(INDICATOR) <br> 1. Explain how different emotions influence their actions. |
| Term II <br> October- February <br> (Volume-2) | ELO and Success Criteria |
| Oral +Writen | Students will be able to: |
| 6)Say Cheese | COGNITIVE |


|  | 1. Explain the function of different types of teeth. <br> - identify the different parts of teeth. <br> - Describe different types of teeth (range:name,number,structure) <br> - Explain the function of different types of teeth. <br> 2. Propose ways to keep our teeth and gums healthy. <br> - Describe the habits that harm our teeth and gums. <br> - Propose ways to keep our teeth and gums healthy. <br> EMOTIONAL(INDICATOR) <br> 1. Set goals that assist them to self -regulate. |
| :---: | :---: |
| 7) What makes things? | COGNITIVE <br> 1. Relate the properties of different types of materials to their use. <br> - Identify the different types of materials. <br> - Describe the properties of different types of materials. <br> - Relate the properties of different types of materials to their use. <br> EMOTIONAL(INDICATOR) <br> - Identify personal strengths and areas of improvement. <br> - Describe the action they take based on feedback received. |


| 8) Nature's Kitchen (VOL.2) | COGNITIVE <br> 1. Explain the importance of the leaves of a plant. <br> - Name the parts of a leaf of a plant. <br> - Describe the functions of a leaves of a plant. <br> - Explain the importance of the leaves of a plant. <br> EMOTIONAL(INDICATOR) <br> - State how they respond to feedback. <br> - Describe the action they take based on feedback received. |
| :---: | :---: |
| 9) Seeds and Sprouts | COGNITIVE <br> 1. Describe how the characteristics of seeds aid in dispersal. <br> - Identify the characteristics of seeds. <br> - Describe how the characteristics of seeds aid in dispersal. <br> 2. Explain ways to help a seed grow into a plant. <br> - Describe how the parts of a seed help in its growth. <br> - Sequence the stages in the growth of a seed. <br> - Explain ways to help a seed grow into a plant. |

## EMOTIONAL(INDICATOR)

1. Identify personal strengths and areas of improvement.
2. Describe consequences of decisions.

## 10.The Invisible Forces

## COGNITIVE

1. Create models/toys that use the effects of invisible forces.

- Identify invisible forces.
- Describe the effects of invisible forces.
- Explain how to use the effects of invisible forces.
- Create models/toys that use the effects of invisible forces.


## EMOTIONAL(INDICATOR)

1. Describe ways of establishing and managing relationships.

## SOCIAL (INDICATOR)

1. Explain the value of diverse views.

## SOCIAL SCIENCE

| Term I March- September (Volume-1) | ELO and Success Criteria |
| :---: | :---: |
| Oral + Written | Students will be able to :- |
| Ch.1. Calendars we use | COGNITIVE <br> 1) Create a timeline based on CE and BCE <br> - List dates chronologically using the terms BCE and CE <br> - Sequence a set of events on a timeline involving BCE and CE <br> - Create a timeline to sequence dates based on BCE and CE <br> 2) Create a calendar based on scenario <br> - Identify the basis for introduction of different types of calendars <br> - Compare and contrast Gregorian, hijri and saka calendar <br> - Create a calendar based on a scenario <br> SOCIAL (INDICATOR) <br> 1) State positive ways of interacting in relationship <br> EMOTIONAL(INDICATOR) <br> 1) Identify different emotions |
| Ch.2. I make history | COGNITIVE <br> 1) Analyse the reasons for studying history based on a case study |



- State what history is
- Explain the need to study history
- Analyse the reasons for studying history based on a case study

2) Apply a timeline to classify events as belonging to prehistory and history

- Identify the events that classifies the past into prehistory and history
- Apply a timeline to classify events as belonging to prehistory and history


## Ch. 3. Movement of Earth

## COGNITIVE

1) Describe the two movements of Earth

- Identify the cause of day and night on Earth
- Identify the causes of seasons on Earth
- Analyse data to determine seasons are cyclic over a year at a place
- Analyse a globe to determine day and night at a given place, at a particular time

2) Depict how movements of earth affect human activities on Earth

- Identify a season based on its characteristics
- Depict how movements of Earth affect life on it

SOCIAL (INDICATOR)

1) Identify factors that influence effective communication in relationships
2) Describe how to make a difference in own community EMOTIONAL(INDICATOR)
3) Identify situations that are a cause of selected emotions
$\left.\begin{array}{|l|l|}\hline \text { country } & \begin{array}{l}\text { COGNITIVE } \\ \bullet \text { Create an album report on the state I live in to highlight one interesting aspect of } \\ \text { the state } \\ \text { - Identify, by labeling, important geographic aspects of India ( water bodies and } \\ \text { countries bordering India, states, union territories, and their capitals and major } \\ \text { cities) }\end{array} \\ \text { - Create an album report on the state I live in to highlight one interesting aspect } \\ \text { of the state } \\ \text { SOCIAL (INDICATOR) } \\ \text { - Describe how to make a difference in own community } \\ \text { EMOTIONAL(INDICATOR) }\end{array}\right\}$

- Create a freeze frame to depict cultural diversity in India SOCIAL (INDICATOR)

1. Describe positive conversation skills
2. Identify cooperative behaviour in play and teams

EMOTIONAL(INDICATOR)
1.State that people in a community may have views different from theirs.

## Ch.6. Earth our home $\quad$ COGNITIVE

1) Relate the elements from everyday life to the three spheres of Earth

- Identify that Earth is made up of land, water and air
- Describe the extent of land water and air of Earth
- Classify images with the spheres they are associated with
- Compare and contrast the lithosphere, hydrosphere and atmosphere on Earth

2) Create a report on the elements of biosphere that play an important role in your day-to-day activities

- Analyse a scenario and list the elements of each sphere mentioned
- Predict what will happen to the biosphere if any of the other spheres fail to exist
- Create a report on the elements of biosphere that play an important role in your day-to-day activities
SOCIAL (INDICATOR)

1) Identify the community they belong to
2) Describe how to make a difference in one's own community

| Session 2021-2022 | EMOTIONAL(INDICATOR) <br> 1) Identify situations that cause of selected emotions |
| :--- | :--- |
| Term II <br> October-February <br> (Volume-2) | ELO and Success Criteria |
| Oral + Written | Students will be able to :- |
| Ch.7. Ups and down of <br> Earth | COGNITIVE <br> 1) Compare and contrast the different landforms on Earth <br> - Identify the various landforms on Earth <br> - Compare and contrast the different landforms on Earth <br> 2) Create a report on the kind of landforms you live in and the water body that <br> supports your needs <br> -Identify the various water bodies on Earth <br> - Create a report on the kind of landform you live in and the water body that <br> supports your needs |
|  | SOCIAL (INDICATOR) <br> 1) Anlayse and improve cooperative behaviour in teams <br> EMOTIONAL(INDICATOR) <br> 1)Analyse factors that influence ability/inability to self-regulate |
| Ch. $\mathbf{8}$ Maps | COGNITIVE <br> 1. Create a map using all the elements of a map. |

- List the elements of a map
- Describe the elements in the map
$\bullet$ Create a map using all the elements of a map

2. Interpret physical and political map

- Identify the physical and political map
- Describe political and physical maps
- Compare and contrast physical and political map
- Interpret physical and political map

SOCIAL (INDICATOR)

1. Describe relationships in a variety of situations.

EMOTIONAL(INDICATOR)

1. Identify different emotions

Ch. 9 Face of India

## COGNITIVE

- Explain how the physical divisions of India affect the people of the country
- Identify the major physical divisions of India
- Describe the features of the physical divisions of India
- Explain how the physical divisions of India affect the people of the country
- Create a travel brochure on the landforms of India
- Identify the major perennial and non-perennial rivers of India
- Describe the features of perennial and non-perennial rivers of India
- Explain how the rivers have affected the lives of the people of India

| Session 2021-2022 |  |
| :---: | :---: |
|  | - Create a travel brochure on the landforms of India SOCIAL (INDICATOR) <br> - Analyse and improve cooperative behaviour in teams EMOTIONAL(INDICATOR) <br> - Explain how different emotions influence their actions <br> - Describe influences for particular emotions |
| Ch. 10 Agriculture of India | COGNITIVE <br> 1. Locate in a map, the distribution of crops in India' <br> - List different crops grown in India <br> - Locate in a map, the distribution of crops in India SOCIAL (INDICATOR) <br> 1. Identify cooperative behavior in play and teams |
| Ch. 11 Clean green earth | COGNITIVE <br> 1. Explain the causes and effects of each form of pollution. <br> - State what pollution means <br> - Identify forms of pollution <br> - Describe the forms of pollution we are subject to in our daily life <br> - Explain the causes and effects of each form of pollution <br> 2. Propose ways to improve the environment in my community through a letter to the local news paper |


| Session 2021-2022 |  |
| :---: | :---: |
|  | - Identify the best method for disposing each type of waste <br> - Why it is important to be mindful of disposing ways using certain methods <br> - Propose ways to improve the environment in my community through a letter to the local news paper <br> SOCIAL (INDICATOR) <br> 1. Describe ways of resolving conflict <br> EMOTIONAL(INDICATOR) <br> 1. Analyse the effect of strategy on emotions |
| Ch.12. Our country Our people | COGNITIVE <br> 1) Create a role play on being a good citizen <br> - Describe the term 'Citizen' <br> - Identify the responsibilities of a good citizen <br> - Create a role play on being a good citizen SOCIAL (INDICATOR) <br> 1) Identify the community they belong to <br> 2) Describe how to make a difference one's own community EMOTIONAL(INDICATOR) <br> 1) Identify personal strengths an areas of improvements |

## COMPUTER

| TERM I | Learning Skills |
| :---: | :---: |
| Ch 1- <br> Storage and memory devices | - Data and Information <br> - Data storage Units\& Devices <br> - Types of Memory, Computer Port |
| Ch 2- GUI Operating System-Desktop Management | - Features of Windows 7 <br> - The taskbar <br> - Customizing the taskbar, desktop, Windows setup <br> - Icons\&Use of Shortcut Menu |
| Ch 3-Advanced Features of Tux Paint | - Introduction to Tux Paint <br> - More Magic Tools: Mosaic, Kaleidoscope, Emboss, Lighten <br> - Storyboard,Slide Show , Deleting a Drawing ,Quit Tool |
| Ch 4- Formatting in Microsoft Word 2010 | - Format Painter , Header and Footer, Indenting Text <br> - Applying Subscript, Superscript and Shadow Effects <br> - Column and Column Break ,Page break and Line break <br> - Margins, Page orientation, Paper Size, Working with Tabs |
| Ch 5- Advanced Features of Microsoft Word 2010 | - Finding and Replacing text, Working with Shapes <br> - Drawing tools, Cover Page, Watermark, WordArt, ClipArt <br> - Borders \& Shading |


| TERM II | Learning Skills |
| :---: | :---: |
| Ch 6-Stepwise Thinking | - Reasoning \& Problem Solving <br> - Step-wise Thinking <br> - Encoding and Decoding |
| Ch 7-More about Scratch | - Introduction, Component \& Sprite, Setting Sprite Position <br> - Rotation Style,Pen Shade <br> - Backdrop of the stage <br> - Playing the Instrument |
| Ch 8- Microsoft PowerPoint 2010 | - Features \& Components <br> - Placeholder, Slide Show <br> - Creating, saving, closing and exiting <br> - Adding pictures |
| Ch 9- The Internet- Web Browser | - Network, Internet, History of Internet <br> - Internet Terms ,Requirement for an Internet Connection <br> - Web Browser , Online Safety |

GENERAL KNOWLEDGE

| Term I Month- March- September | Term II Month- September- February |
| :--- | :--- |
| 1. Hello India | 17. Body Conditions |
| 2. India -Administrative Divisions | 18. Extreme Machines |
| 3. Presidents of India | 19. Scientific Instruments |
| 4. Prime-Ministers of India | 20. Inventions |
| 5. India-Famous buildings and Monuments | 21. Common tools |
| 6. World- Famous buildings and Monuments | 22. Musical Instruments |
| 7. First in India | 23. Books and their authors |
| 8. First in the World | 24. Sports and Games |
| 9. India's Superlatives | 25. Sports Pictograms |
| 10. World's Superlatives | 26. National games of different Countries |
| 11. Animal's Superlatives | 27. India: Sports Personalities |
| 12. Fast facts | 28. World: Sports Personalities |
| 13. Flags of different Countries |  |
| 14. Countries and their people |  |
| 15. Abbreviations |  |
| 16. Internal Organs of Our Body |  |


| Terms -I | Term-II |
| :--- | :--- |
| Jute Work <br> *Making articles of daily use by using <br> Jute | Paper Bags <br> *Making different environment <br> friendly usable paper bags |
| Card Making <br> *Paper cutting and pasting using <br> different types of papers | Wooden art <br> *Creating \& designing Decorative <br> Wooden Objects |
| Clay Work <br> *Clay modelling and forming different <br> shapes | Best Out OF Waste <br> *Waste materials will be used to make <br> different items of particular use |
| Paper Craft <br> *Different Paper articles using <br> different types of papers like tissue <br> paper, Sheets, Scrap Paper etc | Glass Painting <br> *Painting of different Glass surfaces |

DRAWING \& SKETCHING

| TERM I |  | TERM II |  |
| :---: | :---: | :---: | :---: |
| $\begin{gathered} \mathrm{S} \\ \text { No } \end{gathered}$ | Subject | $\begin{gathered} \mathrm{S} \\ \text { No } \end{gathered}$ | Subject |
| 1 | - Object drawing 1:Composition of fruit <br> - Bird Sketching | 1 | - Landscape Shading <br> - Composition of flowers and leaves |
| 2 | - Different types of trees <br> - Composition of vegetables | 2 | - Animal drawing in color <br> - Different types of trees |
| 3 | - Flower Sketching <br> - Animal Sketching | 3 | - Birds in Color <br> - Free hand drawing |

- Introduction of Music and definition of Music
- Aum Chant, Kharaj ka riyaaz, vowels practice
- Saptak knowledge or practice
- Alankaars (1 to 5)in Aakaar
- 10,thaat introduction and practice Raag Bhupali ,Introduction of sargam geet
- Basic knowledge on taal and practice Teentaal,dadra,Keharawa taal
- Raag bhupali alankaar, aroh,avroh pakad
- Raag bhupali sargam geet
- Raag bhupali tarana
- Patriotic Song,moral songs,bhajan
- Folk songs,devotional sons
- Solo singing demonstration by children in class practice with mike


## INSTRUMENTAL MUSIC (GUITAR / KEYBOARD)

| TERM I | TERM II |
| :---: | :---: |
| For beginners: <br> - Introduction of Instruments ( Guitar / Keyboard) <br> - Basic finger practice on Guitar \& Keyboard. <br> - Assembly Prayers \& Songs on Keyboard. <br> For Advance: <br> - Major Scale practice on Keyboard. <br> - Preparation for assembly performances. | For beginners: <br> - Major Scale practice on keyboard. <br> For Advance: <br> - Introduction of Minor Scales. <br> - Preparations for Accompanying Others. |

## INSTRUMENTAL MUSIC (PERCUSSION/RHYTHM)

| TERM - I | TERM - II |
| :--- | :--- |
| For beginners: | For beginners: |
| - Introduction with Instruments | $\bullet \quad$ Patterns style of Waltz. |
| - Recognition of Tones |  |
|  |  |
| $1,2,3,4$. | Pattern style of Slow Rock \& Disco. |

- Hand control exercise
- Introduction of Rudiments


## For advance:

- Introduction of Paradiddles
- Introduction of North Indian Rhythm Style


## CLASSICAL DANCE

| Term I | Term II |
| :---: | :---: |
| - Teen Taal -basic footwork <br> - Tatkaar <br> - Movements on different Shlokas <br> - Folk dance /Patriotic Dance | - Different hand movements and Hastaka (Sayutkta and Asayukta) <br> - Introduction of Todas- Teentaal (Advanced) and definitions. <br> - Annual Function Preparation. |

## WESTERN DANCE

| Term I | Term II |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| $\bullet$ Freestyle ( Basic Movements ) | $\bullet$ | Freestyle ,hip hop ,jazz | -Advance |  |
| $\bullet$ • Developing sensitivity and musical talent |  | Movements |  |  |
| • Aerobics | $\bullet$ | Movement of Hand and Footwork |  |  |

- Jazz(Basic movements )
- Ballet Stretches And posture development
- Annual Function.
- Patriotic Dance through clubbing of western and Indian style


## SKATING

| TERM I | TERM II |
| :--- | :--- |
| $\bullet$ Introduction of game | - Side B speed skating |
| - General safety measures | - Backward skating ( shadow practice) |
| - Walking with skates | - T- break |
| - Roll with skates | - Dribbling with Ball |
| - Speed skating side - A | - Side B turning |
| - T- break | - Side B crossing |
| - Side A Turning | - Hockey Break |
| - Side A crossing |  |

## SWIMMING

Ontitatuoriongame with general and safety rules.

- Floor exercise.
- Leg action and body balancing with kick board and without board.
- Floating and Float by pushing the wall
- Arm and Leg action with board
- Basic Skills of life saving
- Start and Turn Position
- Arm and leg action with board and without board.
- Balancing on water breathing style.
- Free styles open swimming.
- Theory About four stocks
- Floor exercises
- Under water neck movement and breathing exercise.
- Endurance/build up practice with long swimming.
- Preparation for next level with free style floor exercise.

BASKETBALL

- Types of passes (two hand side pass, over head and (Rules and regulations) chest pass)
- Warm-up exercise (Skills practice)
- Lay up shot
- Ball holding
- Types of Dribble (low ,high ,change of hand)
- Practice of defence and offence
- Action of shooting
- Match practice
- Revision of Term I and Term II


## КНО-КНО

| TERM - 1 | Term II |
| :---: | :---: |
| - Introduction of game \& general rules <br> - General \& specific warm-up ( Speed \& Strength ) <br> - Terminologies - Chain kho, Pole dive \& Defense. <br> - Various kinds of Attack sitting. | - Offensive technique- Pole Turning \& Tapping Shoulder. <br> - Team work- Competition preparations <br> - Practice of TERM-I and TERM-II |

## BADMINTON

| TERM - 1 | TERM -II |
| :---: | :---: |
| - Introduction of game\& general rules <br> - General \& Specific Warm up ( Speed \& strength) <br> - Terminologies:- Griping of racket and foot work. | - Various styles of attacks ( back hand, overhead \& net) <br> - Offensive technique while receiving shuttle position of game <br> - Team work- Competition preparation ( singles, doubles and mix doubles) |

## VOLLEY BALL

| TERM - I | TERM - II |
| :---: | :---: |
| - Orientation of game with general and safey rules. <br> - Regular warm-up exercise <br> - Ball-holding | - Under hand return <br> - Under hand throws <br> - Under hand service <br> - Theory about the game |

## Session 2021-2022

- Under hand return

Examination Schedule

| TEST-1 | 15 JULY 2021 TO 23 JULY 2021 |
| :---: | :---: |
| TERM-I | 17 SEPTEMBER 2021 TO 1 OCTOBER 2021 |
| TEST-2 | 2 DEC. 2021 TO 15 DEC.2021 |
| TERM-II | FEB-MARCH |

NOTE:

1. Date Sheet for exam will be provided well in advance.
2. Kindly ensure that your ward is present during these days.
3. Some competencies will be observed while teaching.
