



सत्यमेव जयते
Govt of Meghalaya

ADJUSTED ACADEMIC CALENDAR

FOR LOWER PRIMARY LEVEL

2020-21

Directorate of Educational Research and Training (DERT),
Education Department



**ADJUSTED ACADEMIC CALENDAR
FOR THE LOWER PRIMARY STAGE
CLASSES 1 - 5**



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Foreword

The State of Meghalaya has been facing tremendous challenges due to the nationwide lockdown due to COVID-19 pandemic which has resulted in the closure of all educational institutions. This has led to learning losses among learners especially in the rural pockets of the State. As a result, the Education Department has given utmost priority to the two most vulnerable age groups namely, children at elementary level, where learning loss can limit educational progress most and learners transitioning from upper primary to secondary education. To ensure continuous and minimum levels learning, the Directorate of Educational research & Training (DERT) developed the Adjusted Academic Calendar (AAC) for Classes I – V in close consultation with schoolteachers. The rationalised Academic Calendar is to be implemented in all MBOSE affiliated schools of Meghalaya for the session 2020-21.

The AAC has been worked out around the Learning Outcomes (LOs) developed by the National Council of Educational Research and Training (NCERT), New Delhi in 2017 and coded by the DERT in 2020. It is to be noted that the Learning Outcomes are now mandatory in the teaching-learning process in all schools with the amendment of the Meghalaya RTE Act 2009 State Rules of the State and notification No.EDN/RTE-196/2012/182 dt. August 3, 2020.

Professional Learning Communities (PLCs) comprising of schoolteachers from 20 schools drawn from different districts of the state were involved in the mapping of the Learning Outcomes in different subjects areas for classes 1 to 8 with a focus on foundational literacy and numeracy.

The LO based Elementary Stage Academic Calendar for schools in Meghalaya focuses distinctly on core competencies in English, Mathematics, Environmental Studies (EVS), Science and Social Science. Strategies for teaching have not been incorporated in the document. It is recommended that the Alternative Academic Calendars brought out by NCERT may be referred to for model instructional activities.

Schools and teachers are to use this document to prepare for students' continuous learning through unit and lesson planning, communicating with parents lesson targets, planning activities for home learning (parent, sibling, volunteer, peer-to-peer), online lessons, offline learning, notes and other learning resources.

This document is an outcome of the collaborative efforts of the DERT Task Team and teachers from urban as well as rural schools. In view of this, I am hopeful that schools will be able roll out learning activities with a view to mitigate learning losses and ensure minimum levels of learning during these challenging times.



Shri D.P. Wahlang (IAS),
Principal Secretary,
Government of Meghalaya,
Education Department.

Dated: Shillong, 17 August 2020

Acknowledgement

I would like to place on record my sincere gratitude to all the individuals who contributed towards the development and finalization of the Adjusted Academic Calendar (AAC) for Classes I - VIII. Their contributions were noteworthy as the task of drafting the Academic Calendar could not be done through workshops and face to face consultations with subject experts and teachers due to COVID-19 health advisories and protocols.

It may be mentioned that the AAC is the result of the collaborative online academic exercises undertaken between the DERT Task Team and the Professional Learning Communities (PLCs) from 20 schools from West Garo Hills, West Khasi Hills, East Khasi Hills and West Jaintia Hills Districts of Meghalaya.

In this regard, special mention must be made of the support provided by the Meghalaya School Improvement Program (MSIP) Team of Dr. Lavinia M Dkhar, Monitoring & Research Associate, MSIP; Dr. Mark K. Lyngdoh, Research Associate, MSIP; the District Managers (DM) comprising of Ms. Doreen Shylla, DM East Khasi Hills; Ms. Jessica Elwyn, DM West Garo Hills; Ms. Onika Dhar, DM East Jaintia Hills; Mr. Ahiezer P. Suchiang, DM West Jaintia Hills and Mr. Iaidonryngkat Thangkhiew, DM West Khasi Hills who helped coordinate all academic activities with the schools as district level point persons. I also thank Mr. Nathan J. Nengnong, Executive Assistant, MSIP and Adriel A.L. Nongpyiur, Office Assistant, MSIP for the secretarial support and design of the layout of the Academic Calendar. I am also grateful to Ms. Iadarity Pyngrope, DEO, East Khasi Hills and Ms. Ibashisha Mukhim, DEO, West Jaintia Hills for compiling and collating all Learning Outcomes maps received from schools.

And finally, none of this would have been accomplished without the effort and endurance of the DERT Task Team comprising of Dr. David M. Nongrum, Selection Grade Lecturer and Team Leader, Mrs. Libera Lyngdoh, Sr. Grade Lecturer, Dr. Careleen Y. Kharmalki, Lecturer, and Dr. Baladiangti Nongbri, Sr. Grade Lecturer, DERT.

I also extend my thanks to the DERT reviewing team consisting of Dr. Danibha Pyrbot, Selection Grade Lecturer; Dr. Della G. Soanes, Selection Grade Lecturer; Ms. Arreelin Gathphoh, Sr. Grade Lecturer; Mrs. S. Hynniewta, Senior Grade Lecturer; Mrs. E. Rynjah, Lecturer; Mrs. Wilda Kharbani, Lecturer; Mrs. Beautiful Mylliem, Lecturer and Mrs. Hameki Nonghuloo, Lecturer.



Shri. P.B. Lartang,
I/c Director,
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Dated: Shillong, 17 August 2020

Guidance Note for Teachers on how to use the Academic Calendar for 2020-21

1. Learning Outcomes are today mandatory in the teaching learning process with the amendment of Section 22 (2) Meghalaya RTE Act 2009, State Rules. They are learner-centric and important as they help ensure minimum learning standards for students of all grades (1-10) in key subject areas and are focused on core competencies; in other words, they help ensure a strong foundation for learners to build on.
2. The number of lessons for each Learning Outcome (LO) is indicative. Teachers are to plan their units/lessons taking into consideration the skills and only key concept/knowledge areas identified. Emphasis should be placed on mastery of skills and ensuring deep understanding of only essential knowledge areas.
3. Other than the prescribed textbooks, it is recommended that teachers explore various sources of information, including textbooks available, as long as they are reliable and address (a) the identified Learning Outcomes, (b) what learners should be able to do (reflected in the action verbs), and (c) what learners need to know/understand (reflected in the knowledge/concept areas).
4. Topics and sub-topics too are indicative and not exhaustive. Teachers may decide on the content areas to cover through Direct Instruction/ Teacher Driven Instruction (DI) and/ or Assignments through Project/ Inquiry Based Learning (PBL) after undertaking content analysis exercises based on the identified LOs for each Subject and Class for which students need to be assessed. Lessons can then be planned for home learning, online classrooms, remote learning, etc. depending on the situation.
5. All links included in this document are only available as long as the original content owners allow them to be accessible for public viewing in the concerned web portals.
6. All teachers are to identify their own links for the different LOs for sharing with parents and students. Please verify that all links work before sharing. Resources created like videos and audio files may also be shared with us at the email ID given at the SI. No. 14.
7. Informal Assessments must be embedded in every lesson. Evidence of student mastery (how will we know when learners know it?) must be thought out during unit and lesson planning stage for every Learning Outcome and Learning Objectives identified in every lesson.
8. Informal methods of checking student understanding must be employed, and it is important to collect evidence of learning over time. Teachers are advised to work with students and document their learning continuously. Regular feedback and guidance to learners must be given priority. It is also important to let them know what they need to submit and when they need to do so.
9. Teachers should also use the Academic Calendar to plan out home learning activities where parents/siblings/volunteers can provide support through various activities at home.

10. Wherever possible, teachers can ask students to submit short reflection videos on WhatsApp or send photos of their progress. Screenshots also work well.
11. It is highly recommended that all teachers explore NCERT's Alternative Academic Calendar and the LO based various teaching - learning strategies/ activities and come up with their own teaching learning activities for Meghalaya's Academic Calendar.
12. Teachers must communicate with parents wherever teachers and students do not have virtual classroom facilities or access to internet services by using SMS messages as mobile phones are available in most homes.
13. Teachers may also contact parents and students using internet based technological tools for giving them appropriate guidelines for conducting activities designed by them in alignment with the Academic Calendar wherever internet services are available.
14. In case of further clarifications on the different aspects of the Meghalaya's Adjusted Academic Calendar for 2020-21 or recommendations/suggestions for improvement, you may write to us at **ict.dert@gmail.com**.

The Task Team,
Directorate of Educational Research & Training, Meghalaya

Academic Calendar Task Team & Coordinators

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ENGLISH CLASSES 1 - 5

CLASS 1: ENGLISH

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
1.E.LO1	Associates words with pictures	Can recognise objects on being told the names of the same	Word and picture association	DI / PBL	Words	3	
1.E.LO2	Names familiar objects seen in the pictures	Can say / tell the name of objects shown	Word and picture association	DI / PBL	Words	5	
1.E.LO3	Recognises letters and their sounds A—Z	Students can recognise letters and their sounds A—Z	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z.	DI	The Alphabets	4	https://www.youtube.com/channel/UCyQY...
1.E.LO4	Differentiates between small and capital letters in print or Braille	Students can differentiate between small and capital letters.	Aa, Bb, Cc, Dd, Ee, Ff, Gg, Hh, Ii, Jj, Kk, Ll, Mm, Nn, Oo, Pp, Qq, Rr, Ss, Tt, Uu, Vv, Ww, Xx, Yy, Zz.	DI	The Alphabets (small and capital)	4	https://www.youtube.com/channel/UCyQY...
1.E.LO5	Recites poems / rhymes with actions	Students can recite poems/rhymes with actions	Poems / rhymes with actions	DI	Poems: 1. Baa Baa Black Sheep 2. The Man in the Moon.	8	https://youtube.be/l-PLeYOVWWc https://www.littlefox.com
1.E.LO6	Draws, Scribbles in response to poems and stories	Students can draw simple outline of pictures related to the story / poem as instructed by the teacher	Sketch stories	DI and Activity Based Work	Sketching	5	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
1.E.LO7	Responds orally (in any language including sign language) to comprehension questions related to stories/poems	Students can respond orally to questions related to the story / poem	Stories / Poems	DI	Any story / Poem from the textbook	6	
1.E.LO8	Identifies characters and sequence of a story and asks questions about the story	Identifies (the characters and sequence) and asks questions about the story	Naming word	DI and activity based work	Naming word	8	
1.E.LO9	Carries out simple instructions such as 'Shut the door', 'Bring me the book', and such others	Understand and follow simple instructions	Simple instructions	DI	Set of Teacher's instruction	2	
1.E.LO10	Listens to English words, greetings, polite forms of expression, simple sentences and responds in English or the	Listen and respond	Greetings, forms of expression, words and simple sentences in English	DI with the help of flowchart and school environment	Words and simple sentences from the text or any other resources	8	-

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	home language or 'signing' (using sign language)						
1.E.LO11	Listens to instructions and draws a picture	Listen and draw	Set of instruction, Drawing	DI/ PBL	Teacher's instruction, Drawing exercise	3	
1.E.LO12	Talks about self /situations/ pictures in English	Talk in English	Simple sentences in English	DI/ PBL	Pictures, teacher created situations	5	
1.E.LO13	Uses nouns such as 'boy', 'sun' and prepositions like 'in', 'on', 'under', etc.	Can describe and use nouns and prepositions	Nouns (Common Nouns), Prepositions	DI with the help of flash cards and school environment	Nouns - Common nouns, Prepositions	9	-
1.E.LO14	Produces words with common blends like "br" "fr" like 'brother', frog' etc.	Can produce words of same sound and common blends	Words, sounds	DI	Simple words	2	
1.E.LO15	Writes simple words like fan, hen, rat etc.	Can write simple words.	1. Pen 2. Cow 3. Bat 4. Car. etc.	DI / PBL	Words	8	https://www.youtube.com/watch?v=rT0j6
Total Number of Lessons						80	

CLASS 2: ENGLISH

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI /PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
2.E.LO1	Sings songs or rhymes with action	Students can sing songs or rhymes with action.	Songs; The Doing Rhyme Action: Dance	DI/ PBL	Song, Poem	3	
2.E.LO2	Responds to comprehension questions related to stories and poems, in home language or English or sign language, orally and in writing (phrases/ short sentences)	Responds, Describe	Comprehension questions related to the story/ poems	DI	Story, Poem	5	
2.E.LO3	Identifies characters, and sequence of events in a story	Students can identify characters, and sequence of events	1. Fanny lived in Ward's lake in Shillong. 2. The water of the lake was not as clean as before. 3. Fanny decided to do something about these problems.	DI	Fanny the Fish	5	
2.E.LO4	Express verbally her or his opinion and asks questions about the characters, Storyline, etc., in English or home language.	Express oneself, asks questions	Characters in the story, storyline	DI	Partho the Park-keeper, Randolph the Reindeer	5	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI /PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
2.E.LO5	Draws or writes a few words or short sentence in response to poems and stories.	Students can draw or write a few words or short sentence.	1. The bees are busy. 2. The brilliant son. 3. Nature gift. 4. The gentle moon. 5. We must keep safe.	PBL	In Praise of nature	9	
2.E.LO6	Listens to English words, greetings, polite forms of expression, and responds in English/home language like 'How are you?', 'I'm fine, thank you.' etc.	Listen and Response	Greetings, polite forms of expression	DI	Punctuations, Greetings, Forms of expression	5	
2.E.LO7	Uses simple adjectives related to size, shape, colour, weight, texture such as 'big', 'small', 'round', 'pink', 'red', 'heavy', 'light', 'soft' etc.	Identify and use	Identification– size, shape, colour, weight, texture	DI	Adjectives	8	
2.E.LO8	Listens to short text from children's section of newspaper read out by the teacher	Able to listen and understand	Understanding the text read	DI and Activity Based Work	Short text	5	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI/PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
2.E.LO9	Listen to instruction and draws a picture	Listens and draw	Set of instruction, Drawing	DI/ PBL	The Friendly Dragon	5	
2.E.LO10	Uses pronouns related to gender like 'his/her/, 'he/she', 'it' and other pronouns like 'this/that', 'here/there' 'these/those' etc.	Able to use pronouns related to gender.	'his/her/, 'he/she', 'it' and other pronouns like 'this/that', 'here/there' 'these/those' etc.	PBL	Pronouns	9	
2.E.LO11	Use prepositions like 'in', 'on', 'between' etc.	To use prepositions appropriately in a sentence	Meaning of Preposition	DI mixed with activities in which the teacher say a word and students enact appropriately	Preposition	9	C.D. attached in the book will be shown in smart CLASS
2.E.LO12	Composes and writes simple, short sentences with space between words.	Compose	Sentences, spacing, phrasing	DI and Classwork	Sentences	12	
Total Number of Lessons						80	

CLASS 3: ENGLISH

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
3.E.LO1	Recites poems individually/ in groups with correct pronunciation and intonation.	Recites Poems	Correct pronunciation and intonation	DI	1. Mother's Love 2. Red Apples 3. Two little kittens	5	-
3.E.LO2	Performs in events such as role play/ skit in English with appropriate expressions	Enacts, performs and apply	Word meanings, Animal rights and Conservation of nature	DI	The Island Forest of Nokrek	3	
3.E.LO3	Reads aloud with appropriate pronunciation and pause	Read clearly	Clarity of words and pronunciation	DI	Reading prose lessons	4	
3.E.LO4	Reads small texts in English with comprehension i.e., identifies main idea, details and sequence and draws conclusions in English	Reads, speaks and comprehends	Awareness and responsibilities towards the environment	DI	The Animals' Song	5	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
3.E.LO5	Expresses orally her/his opinion /understanding about the story and characters in the story, in English/ home language.	Express, understand about the story and character in the story	Story	DI	1. Self Help 2. The Elephant's Nose 3. Paras and her young ones.	5	
3.E.LO6	Responds appropriately to oral messages/telephonic communication	Able to communicate with one another	Vocabulary	PBL	Conversation	3	
3.E.LO7	Writes/types dictation of words/ phrases/ sentences	Write, takes dictation	Words, phrases and sentences	DI	The Storm	4	
3.E.LO8	Uses meaningful short sentences in English, orally and in writing, uses a variety of nouns, pronouns, adjectives and prepositions in context as compared to previous CLASS	Make sentences	Sentences, Nouns, Pronouns, adjectives, prepositions	DI	Kinds of sentences	10	-

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
3.E.LO9	Distinguishes between simple past and simple present tense	Identify tenses in a sentence	Concept of framing sentence with past and present	DI	Tenses	8	
3.E.LO10	Identifies opposites like 'day/Night' 'close – open' and such others	Identify	Opposites words	DI	Opposite words	5	
3.E.LO11	Uses Punctuation, such as Question mark, full stop and capital letters appropriately	Identify and use punctuation appropriately	Punctuation and their usage	DI	Punctuation	5	
3.E.LO12	Reads printed scripts on the Classroom walls, poems, posters, charts etc.	Read and comprehend	Healthy habits to keep the eyes healthy Contents of the script read	DI/ PBL	1.The Eye (Prose) 2.Any script	5	
3.E.LO13	Writes 5-6 sentences in English on personal experiences/events using verbal or visual clues	Can write on personal experience/ events based on clues provided	Vocabulary, writing and spelling	DI and group discussion	Making sentences Write 5 to 8 sentences about your favourite game	10	
3.E.LO14	Uses vocabulary related to	Grasp and understand	Meanings of the words. Correct	PBL	Meanings. Correct Usage	8	ü https://www.englishlab.c

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	subjects like Maths, EVS, relevant to CLASS III.	meanings of the words; their proper usage in speech and writing of their own.	grammatical usage.				o.in/vocabulary-builder
Total Number of Lessons						80	

CLASS 4: ENGLISH

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
4.E.LO1	Recites poems with appropriate expressions and intonation.	Recites poem with proper pause, tone and intonation	Correct pronunciation of the word's expressions, intonation	DI	Recitation (A night in June, The Storyteller, Leisure,)	3	
4.E.LO2	Enacts different roles in short skits.	To act like the different characters in the skit.	Respond to varieties of questions and demonstrate successfully as per role	DI	Charlie and the chocolate factory.	2	https://timesofindia.com
4.E.LO3	Responds to simple instructions, announcements in English made in Class/school	Listen and comprehend and act accordingly	Content of the announcements, instructions	DI	School announcements, instructions	3	
4.E.LO4	Responds verbally/in writing in English to questions based on day-to-day life experiences, an article, story or poem heard or read	Comprehend, ask, compare, relate, explain, apply, recall and create	Theme of the stories, moral of the stories, Vocabulary and role of the Characters	DI	The Benevolent Apple Tree The Spirit of Christmas A Hole in the Fence The Pied Piper Alice's Adventures in Wonderland The Beauty and the Beast	8	https://youtu.be/54S0svLnCvU
4.E.LO5	Describes briefly, orally / in writing about events, places	To narrate/write a story that they have read or heard in English	Events, places, story	DI	Story Telling	8	https://www.pebbles.in

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	and/ or personal experiences in English						
4.E.LO6	Reads subtitles on TV, titles of books, news headlines, pamphlets and advertisements	To read, comprehend and communicate correctly and effectively	Enrichment of knowledge and information that will build English vocabulary	PBL	Vocabulary enrichment	2	
4.E.LO7	Shares riddles and tongue twisters in English	Speaks with correct pronunciation and speech patterns.	Tongue – twisters, thinking skills to find out the answers (riddles).	DI	Riddles and tongue twisters in English activity.	2	https://www.pinterest.com
4.E.LO8	Solves simple crossword puzzles, builds word chains, etc.	To search, solve and bring in familiar words in a fun way	Knowledge of words and spellings	DI	Crossword Puzzle	2	
4.E.LO9	Infers the meaning of unfamiliar words by reading them in context.	Use words, parts to determine the meaning of an unfamiliar word.	Words, context clues and the meaning in context	DI	Mr. Sticky	7	www.adaptmind.com/math
4.E.LO10	Uses dictionary to find out spelling and meaning.	Find out words and their meanings in the dictionary	Words, spellings and usage of Dictionary	DI / PBL	The North Winds Craft.	2	https://www.yourdictionary.com

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
4.E.LO11	Writes/types dictation of short paragraphs (7-8 sentences)	Take dictation of words, phrases, sentences, short paragraphs from known and unknown texts	Knowledge of words and sentences dictated to them	DI	Dictation	4	
4.E.LO12	Uses punctuation marks appropriately in reading aloud with intonations and pauses such as question mark, comma, and full stop	Read with correct pronunciations, intonations and proper pauses	Pronunciations, Pauses in accordance to punctuations, Intonations.	DI	Pronunciations Punctuations Articulation Intonation	3	https://www.englishlab.co.in/reading https://www.englishlab.co.in/speaking
4.E.LO13	Uses punctuation marks appropriately in writing such as question mark, comma, full stop and capital letters	Make proper use of punctuations in writing.	Definition and purpose of punctuations. Proper grammatical expressions.	DI	Grammatical usage in writing. Punctuations.	5	https://www.englishlab.co.in/writing
4.E.LO14	Writes informal letters or messages with a sense of audience	Express their thoughts and opinions correctly in writing.	Proper grammatical expressions.	DI / PBL	The art of writing. Letter writing	3	ü https://www.englishlab.co.in/writing

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
4.E.LO15	Uses linkers to indicate connections between words and sentences such as 'First', 'Next', etc.	To use linkers correctly	Role of linkers in language.	DI	Linkers	4	https://www.eltbody.com/notes-155-linkers#:~:text=More%20complex%20ideas%20in%20written%20English%20are%20often%20joined%20in%20two%20sentences%3A&text=The%20linkers%20and%2C%20but%2C%20so,link%20ideas%20in%20two%20sentences.
4.E.LO16	Uses nouns, verbs, adjectives, and prepositions in speech and writing	Use nouns, verbs, adjectives and prepositions.	1. Nouns: Book, chair, Table, Pen, Toilet, Place. 2. Verbs: Climb Look, Leave, Stand, and Drive. 3. Adjectives: Heavy, sadness, Pretty. 4. Prepositions: in, on, from, for.	DI/ PBL	Nouns, verbs, adjectives, and prepositions.	10	https://www.youtube.com/channel/UCtKO...
4.E.LO17	Reads printed script on the Classroom walls, notice board, in posters and in advertisements	Read and comprehend scripts.	Correct Pronunciations. Pauses in accordance to punctuations. Intonations. Script content	PBL	Pronunciations Punctuations Articulation Intonation Any script	2	https://www.englishlab.co.in/reading https://www.englishlab.co.in/phonetics

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
4.E.LO18	Speaks briefly on a familiar issue like conservation of water; and experiences of day to day life like visit to a zoo; going to a mela	Form grammatically correct and coherent sentences while speaking which capture the events recalled or ideas touched upon beautifully, avoiding unnecessary repetitions.	Correct Pronunciations. Pauses in accordance to punctuations. Intonations. Use of appropriate words. Avoid unnecessary repetitions. Coherence.	DI / PBL	Pronunciations Punctuations Articulation Intonation Choice of words Avoidance of repetition Coherence	5	https://www.englishlab.co.in/speaking https://www.englishlab.co.in/phonetics
4.E.LO19	Presents orally and in writing the highlights of a given written text / a short speech / narration / video, film, pictures, photograph etc.	Grasp the main ideas or concepts presented and form a gist of their own about it; express them in a presentable manner.	Meanings of words. Correct Pronunciations. Pauses in accordance to punctuations. Intonations. Identification of key words. Coherence.	PBL	Key words Pronunciations Punctuations Articulation Intonation Choice of words Avoidance of repetition	10	https://www.englishlab.co.in/reading https://www.englishlab.co.in/phonetics https://www.englishlab.co.in/speaking https://www.englishlab.co.in/writing
Total Number of Lessons						85	

CLASS 5: ENGLISH

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
5.E.LO1	Answers coherently in written or oral form to questions in English based on day-to-day experiences, unfamiliar story, poem heard or read	To think critically and provide answers to the questions raised problems raised	Effects of Vehicles to Modern life	DI/ PBL	Vehicles (Poetry) Story	5	
5.E.LO2	Recites and shares English songs, poems, games, riddles, stories, tongue twisters etc., recites and shares with peers and family members.	Students will be able to recite and write and share poems/ songs / stories with peers	To understand the different parts of the tree. Various songs and stories	DI	Tree. Story Riddles, tongue twisters	3	plants...">https://www.kidzone.ws>plants...
5.E.LO3	Acts according to instructions given in English, in games/sports, such as 'Hit the ball!' 'Throw the ring.' 'Run to the finish line!' etc.	Able to follow the command	Know the instructions given to them	DI	Verb (action words) Set of instruction	2	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
5.E.LO4	Reads independently in English storybooks, news items, headlines, advertisements etc. talks about it, and composes short paragraphs.	Read, listen, talk, compose, recall, know	Contents of the materials read	PBL	Comprehension. Paragraph writing. Story writing Any Script	4	
5.E.LO5	Conducts short interviews of people around him e.g. interviewing grandparents, teachers, school librarian, gardener etc.	Conducts interviews of people at home and at school	Communication skill, preparation, the way of interviewing people	PBL	Interview	3	
5.E.LO6	Uses meaningful grammatically correct sentences to describe and narrate incidents; and for framing questions	Use grammatically correct sentences both orally and in writing	Correct usage of grammar	PBL	Narration	6	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
5.E.LO7	Uses synonyms such as 'big / large', 'shut / close', and antonyms like inside / outside, light / dark from clues in context.	Use correct synonyms and antonyms	Words of opposite meaning and similar meaning	DI	Synonyms and Antonyms	3	
5.E.LO8	Reads text with comprehension, locates details and sequence of events	Read and comprehend and locates (details and sequence of events)	Contents of the text read, the minute details and logical sequence of the text	DI/ PBL	Any text/ article	4	
5.E.LO9	Connects ideas that he / she has inferred, through reading and interaction with his / her personal experiences.	Recall, match, connect	Contents read, personal experiences	PBL	Comprehension, paragraph writing / Essay writing	3	
5.E.LO10	Takes dictation for different purposes, such as lists, paragraphs, dialogues etc.	Write with correct spelling and punctuations	Writing skill, punctuations	DI	Puppies for sale Paragraph writing, dialogues	2	write...">https://thewritepractice.com>write...

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
5.E.LO11	Uses the dictionary for reference	Able to check the meanings of new or difficult words	Usage of the Dictionary	DI / PBL	Vocabulary	1	
5.E.LO12	Identifies kinds of nouns, adverbs; differentiates between simple past and simple present verbs	Identify and differentiate	Usage of Nouns, Adverbs, and difference between simple present and simple past verbs	DI	Noun, Adverb, Simple present tense and simple past tense	8	
5.E.LO13	Writes paragraphs in English from verbal, visual clues, with appropriate punctuation marks and linkers	Able to write paragraphs in English listening to verbal and watching visual clues	Writing skill, punctuations, linkers	PBL	Paragraph Writing	8	
5.E.LO14	Writes a 'mini biography' and 'mini autobiography'	Writing of mini biography and autobiography	Short Biography and autobiography writings	PBL	Essay and Autobiography	3	
5.E.LO15	Writes informal letters, messages and emails	Write, compose and send emails	Format of a letter / email	DI/ PBL	Letter writing, email writing	4	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
5.E.LO16	Reads print in the surroundings (advertisements, directions, names of places etc.), understands and answers queries	Read, comprehend and respond	Contents of the print read or questions asked	DI/ PBL	Advertisements, Notices	2	
5.E.LO17	Attempts to write creatively (stories, poems, posters, etc.)	Write stories, poems, posters creatively	Writing skill, creative thinking	DI	Story Writing, Posters making	8	
5.E.LO18	Writes and speaks on peace, equality etc. suggesting personal views	Write, speak and provide suggestions	Current affairs, knowledge on social and political issues	DI	Social and Environmental issues	8	
5.E.LO19	Appreciates either verbally/ in writing the variety of food, dress, customs and festivals as read / heard in his/ her day- to-	Write, narrate	Food, dress, festival, customs of one's own and others' culture	DI/ PBL	Essay writing, speech, debates	8	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	day life, in storybooks / heard in narratives/ seen in videos, films etc.						
Total Number of Lessons						85	

MATHEMATICS

CLASSES 1 - 5

CLASS 1: MATHEMATICS

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
1.M.LO1	Classifies objects into groups based on a few physical attributes such as shape, size and other observable properties including rolling and sliding, recites number names and counts objects up to 20, concretely, pictorially and symbolically	Classifies Observes Recites Counts	Objects into groups based on shape, size objects based on properties (rolling, sliding) number names (1 to 20) objects, pictures, symbols (1 to 20)	DI/ PBL	Numbers in figures and words (1-20) Shapes, sizes of objects Number counting using pictures, objects, symbols	8	https://www.youtube.com/watch?v=By2hmo323xM https://www.ncertbooks.guru/ncert-books-class-1-maths/
1.M.LO2	Works with Numbers 1 to 20	Count Recite	Write numbers in figure, write numbers in words ascending and descending order Number 0 to 50	DI	Numbers names, number in figure, ascending and descending order Numbers 0 to 50	2	https://youtu.be/4tlef7U13RI
1.M.LO2.1	Counts objects using numbers 1 to 9	Count and Write To identify the number	Count and write the number of pictures, choose the correct number To say numbers in order while assigning a value to an item in group	DI	Counting numbers identify the correct numbers Count Objects	7	https://www.youtube.com/watch?v=IGfWirQASMA

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
1.M.LO2.2	Compares numbers upto 20.	Count and compare	Comparing the numbers between greater and smaller to know the numbers which is less or more	DI	Greater and smaller number, more or less Compares numbers	5	https://youtu.be/ka9zbPcqXBI
1M.LO3	Applies addition and subtraction of numbers 1 to 20 in daily life solves day- to- day problems related to addition and subtraction of numbers up to 9	Apply subtraction of numbers 1 to 20 Apply	Explain the concept of adding and subtraction 1 to 20 in daily life Addition and subtraction	DI/ PBL	Understanding Addition upto 1 to 20 Understanding Subtraction 1 to 20 Add, Subtract.	4	https://youtu.be/N0TWQTrJ-k
1M.LO3.1	Construct addition facts up to 9 by using concrete objects.	Solve and construct addition facts by step counting	Solve step wise counting and adding Addition for concrete objects.	DI/ PBL	Understanding constructive addition. Learning step forward counting for addition Exercises regarding addition	6	
1M.LO3.2	Subtract numbers using 1 to 9	Solve problems on subtraction from 1 to 9	Learning the concept of remaining by subtracting	DI/ PBL	Learning subtraction 1 to 9 Concept of remaining number. Exercises regarding subtraction.	8	
1.M.LO3.3	Solves day-to-day problems related to addition and subtraction of numbers	Solves	day-to-day problems related to addition and subtraction of numbers up to 9	DI/ PBL	Addition using daily life problems Subtraction using daily	4	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	up to 9				life problems		
1M.LO4	Recognises numbers up to 99 and write numerals	Recognised numbers 1 to 99 and write numerals Recognise, write	Able to recognised and write numbers 1 to 99 Before, after and in between.	DI/ PBL	Counting and writing numbers 1 to 99 Able to recite numbers 1 to 99 Writing numerals Recognition of numbers. Write numerals.	8	https://youtu.be/eENg3BzDL-U
1.M.LO.5	Describes the physical features of various solids/shapes in her own language. For example- a ball rolls, a box slides etc	Describe in his/her language	Physical features of various shapes for example a ball, a box, etc	DI/ PBL	Physical features of various shapes (solids)	2	https://youtu.be/mAE79M9ICbg
1M.LO6	Estimates and measures short length using non uniform units like finger, hand, span, length of forearm, footstep, etc	Estimate, measure	Length using non uniform units like hand span, finger, forearm, footsteps, etc	DI/ PBL	Length	3	https://youtu.be/ftB5VU64yGA
1M.LO7	Observes, extends and creates patterns of shapes and numbers. For example, arrangement of shapes / objects/numbers, etc	Observe, extend, create.	Patterns of shapes and number.	DI/ PBL	Shapes. Numbers	3	https://youtu.be/SvdAhexM9o4

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know / understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
1.M.LO8	Collects, records (using pictures/numerals) and interprets simple information by looking at visuals. (For example, in a picture of a garden the child looks at different flowers and draws inference that flowers of a certain colour are more).	Observes Collects Records Interprets	Pictures, numerals Information Visuals	DI/ PBL	Collect information using visuals	3	
1M.LO9	Develops concept of zero.	Explain the of zero Develop	Able to make difference between 0 and other numerals Write numbers from 0-9	DI/ PBL	Understanding the Concept of zero Making clear the concept of 0 and other numbers Relating numbers with zero (0) Concept of zero	4	https://youtu.be/eIMjQqfeRgo
Total Number of Lessons						67	

CLASS 2: MATHEMATICS

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
2.M.LO1	Work with two-digit numbers.	Calculate, solve, read, write	Counting numbers	DI	Counting numbers backward and forward	5	https://youtu.be/cpwQks_9Hw4
2.M.LO1.1	Reads & Writes numerals for numbers up to 99.	Read & Write.	Write in Words, Write in Figures.	DI	Write in words and write in figures	3	https://youtu.be/dNP6L6y7ZEM
2.M.LO1.2	Uses place value in Writing & comparing two-digit numbers	Use	Place Value of two digits.	DI	Place value	3	https://youtu.be/u_64SL1fd48
2.M.LO1.3	Forms the greatest & smallest two digits (with and without repetition of given digit).	Compare, form	Greatest & Smallest digits with & without repetition of given digits.	DI	Greater than Smaller than	3	https://youtu.be/iD-CT3a90wk
2.M.LO1.4	Solves simple daily life problems/ situations based on addition of two-digit numbers	Solve	Word Problems on Addition.	DI/ PBL	Addition with two digits number	3	https://youtu.be/eTScSdG9IMA
2.M.LO1.5	Solves daily life situations based on subtraction of two-digit numbers	Solve, apply	Word Problem on Subtraction.	DI/ PBL	Subtraction with two-digit numbers	3	https://youtu.be/qdOUhPg172s
2.M.LO1.6	Represent an amount up to Rs. 100 using 3-4 notes	Represent	Concept of Money, notes, & Coins.	DI/ PBL	Concept money	4	https://youtu.be/CK3MnyXL7pO

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	and coins (of same/ different denominations of play money)						
2.M.LO2	Describes basic 2D & 3D Shapes with their observable characteristic.	Describe.	Shape – 2D & 3D Shape, Solid Shape	DI/ PBL	Solid shapes	3	https://youtu.be/61IZpLRnXUM
2.M.LO2.1	Identifies basic 3D Shapes Such as cuboid, cylinder, cone and sphere by their names	Identify	Shape – 3D such as Cuboids, Cube, Sphere, Cylinder by their names.	DI/ PBL	2D and 3D shapes	4	https://youtu.be/3-QwWFkz5hw
2.M.LO2.2	Distinguishes between Straight Line & Curved Lines	Distinguish	Straight line, Curved Line.	DI	Straight line curve line	3	https://youtu.be/gZ6cnZOcOmc
2.M.LO2.3	Draw / Represent Straight Line in various orientations (Vertical, horizontal, slant)	Draw / Represent.	Draw a Vertical Line, horizontal Line, Curve Line, Slant Line.	DI	Vertical line Horizontal line Slant line	4	https://youtu.be/eTScSdG9IMA
2.M.LO3	Estimate & Measures Length /	Estimate, apply.	Length, Capacities, Measures.	DI	Length Unit of length	5	https://youtu.be/ety1QoxF1eY

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	Distance Capacities of containers using uniform non-standard units like a rod, pencil, cup, spoon, bucket, etc.				Capacity Unit of capacity Measurement Unit of measurement		
2.M.LO4	Compares object as Heavier / Lighter using simple balance.	Compare.	Weight of an objects,	DI	Comparison of weight. Measurement of weight. Units of weight.	3	https://youtu.be/ybEU-6U7s8k
2.M.LO5	Identifies the Days of the Week & Months of the Year.	Identify	Days of the Week, Months of the Year.	DI		5	https://youtu.be/9VDOUr6dFRQ
2.M.LO6	Sequences the events occurring according to their duration in terms of hours/days; for example, does a child remain in school for a longer period than at home?	List events in sequential order	The Calendar	DI/ PBL	Days and important festivals Arranging festivals in order	3	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
2.M.LO7	Draws inference based on the data collected such as the number of vehicles used in Samir's house is more than that in Angelina's.	Investigate, draw inference	Data collected	DI/ PBL		3	
Total Number of Lessons						57	

CLASS 3: MATHEMATICS

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
3.M.LO1	Work with three digits numbers.	Identify and works with three digits numbers	Three digits number.	DI with activities.	Numbers	3	https://youtu.be/7ie7daMUuiA
3.M.LO1.1	Reads and writes numbers up to 999 using place value	Reads and writes numbers up to 999	Concept of place value of a digit which is given by its place occupied in the numerals. $14-7=7$; $7-7=0$.	DI	Numbers.	2	count..">https://www.mathsisfun.com>count.. count">https://www.mathsisfun.com>count https://youtu.be/VpVZHkgmLx4
3.M.LO1.2	Compares numbers up to 999 for their value based on their place value	Compares between three digits number.	Terms such as greater than, smaller than, equal to.	DI mixed with group activities	Comparison of numbers	2	https://youtu.be/hLsnpcP8hu0
3.M.LO1.4	Constructs and uses the multiplication facts (tables) of 2,3,4,5 and 10 in daily life situation.	Develop multiplication facts using different ways.	Multiplication facts.	DI mixed with activities	Multiplication of numbers, Word problems on multiplication	5	https://youtu.be/uup7IC7c1V8 https://youtu.be/UR73XaIK2BI https://youtu.be/s-PPjXREXm8

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
3.M.LO1.5	Analyses and applies an appropriate number operation in the situation/ context	Function of addition, subtraction, multiplication, and division in problem solving Select the correct operation in different situations	Applies Addition Subtraction Multiplication Division	DI with activities	number operation	3	
3.M.LO1.6	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction. For example, 12/3 can be explained as number of groups of 3 can be explained as number of groups of 3 to make 12 and finds it as 4 by repeatedly subtracting 3 from 12	Recognize the division process by working with equal groups of items and identify subtraction as repeated subtraction.	Division, Repeated subtraction.	DI with activities	Division	6	https://youtu.be/wbkHv9zcGhI
3.M.LO2	Adds and subtracts small amounts of money with or without regrouping	identify the numerical value of various coins and paper money and add them together or subtract them.	Define regrouping Solve problems related to addition and subtraction	DI and activities	Addition and Subtraction	3	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
3.M.LO3	Makes rate charts and simple bills	Prepare/make	rate charts and simple bills	DI and activities	Price tags/labels	3	
3.M.LO4	Acquires understanding about 2D shapes	Students need to Identify plane shape	Students understand that plane shape have only length and breadth, no height and have only two measurements , Length and breadth.	DI	Shapes, Size and Sides (2Dimensions)	3	https://mathsisfun.com >twod
3.M.LO4.1	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	Recognizes and makes and draws 2D- shapes	Shapes, sizes and sides	DI/ PBL	Trace and name 2D-shapes Finding identical shapes Matching outlines of everyday objects with different 2D-shapes Making shapes using paper	5	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
3.M.LO4.2	Describes 2D shapes by the number of sides, corners and diagonals. For example, the shapes of the book cover has 4 sides, 4 corners and two diagonals	Recognize various 2D shapes available in the surrounding and describe the properties.	Sides, corners and diagonals.	DI with the help of charts and models.	2D shapes	3	https://youtu.be/VAWav1upv6E
3.M.LO5	Estimates and measures length and distance using standard units like centimetres or metres and identifies relationships	Apply standard unit of measurement of length and metre.	Explain longer things are measured in metres and shorter things in centimetres and their relationship.	PBL	Measurement: Length.	4	https://www.askiitians.com>m easur...
3.M.LO6	Weighs objects using standard units- grams and kilograms using simple balance	explore how to use the units of measurement grams and kilograms	Familiarize students with the term gram and kilogram	PBL	Distinguish between weight and mass	4	
3.M.LO7	Compares the capacity of different containers in terms of non-standard units	compare the capacity of different containers based on the container's	Define capacity, volume and non-standard units	DI/ PBL	Compare standard unit of measurement	3	
3.M.LO8	Add and subtract measures involving grams & kilograms in life situations	Explain Converting gram to kilogram and vice versa and	List things that are measured in grams and kilograms	DI and Activities	Build a realistic concept of 1g and 1kg Convert the	3	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
		Solve			sum to gram and kilogram		
3.M.LO9	Identifies a particular day and date on a calendar	create their own calendars as a part of this lesson in order to practice identifying days and dates	List important days and dates in the calendar	DI	Differentiate days and dates in the calendar	2	
3.M.LO10	Reads the time correctly to the hour using a clock/watch	Students will be able to read the time correctly to the hour using a clock/watch.	Students know the relationship between minute and hour. 1.1hour=60 Minutes. 2.30minutes= $\frac{1}{2}$ hour 3.15minutes=Quarter hour.	PBL	Time.	2	https://www.time4education.com
3.M.LO11	Extends patterns in simple shapes and numbers	Identifies and learn the rules followed by patterns	Patterns Around us	DI	- Repeated pattern -Increasing and decreasing pattern -Shape and number pattern	4	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI / PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
3.M.LO12	Records data using tally marks, represents pictorially and draws conclusions	Explain the characteristics of a tally chart and how it is used	Collect/record data, as a hands-on experience	DI/ PBL	Organised data using tally charts and pictures	3	
Total Number of Lessons						69	

CLASS 4: MATHEMATICS

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/ Concepts students need to know/ understand	DI /PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
4.M.LO1	Applies operations of numbers in daily life	Calculate Apply Compare Use	Basic operations on addition and subtraction of 2 & 3 digit numbers	DI	Expanded & compact form Place value Face value Ascending Descending Addition of 4 & 5 digit numbers Subtraction of 4 & 5 digit numbers Word problems on addition & subtraction	8	https://youtu.be/K0f-OxnJ2HU https://youtu.be/g2ALCUaaRrc https://youtu.be/w8iDSAwdP6A https://youtu.be/Qzws3HmV7KA
4.M.LO1.1	Multiplies 2 and 3 digit numbers	Calculate Apply Use	Basic operations on multiplication of 2 & 3 digit numbers	DI	Multiplication of 2 and 3 digit numbers. Multiplication by 10, 100,100 Word problem s in multiplication	3	https://youtu.be/h_Ef7g_h5xY https://youtu.be/_UqaSWIqWZk https://youtu.be/ZSFQlbpZd8
4.M.LO1.2	Divides a number by another number using different methods like	Calculate Apply Use	Basic operations on division of 2 & 3 digit numbers	DI	Division by 1, 2 & 3 digit numbers Division by 10,100 & 1000	3	https://youtu.be/WHa1-aoOhWw https://youtu.be/jdJ6xdQwkUo

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/ Concepts students need to know/ understand	DI /PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	pictorially (by drawing dots), equal grouping or repeated subtraction and by using inter-relationship between division and multiplication						
4.M.LO1.3	Creates and solves simple real-life situations/problems including money, length, mass and capacity by using the four operations	Calculate Apply Solve	Application of basic mathematical operations in daily life situations	DI	Computing & Conversion of -money -length -mass -capacity Addition & subtraction of -money -length -mass -capacity Multiplication & division of -money -length -mass -capacity	7	https://youtu.be/TDoa10DdhZM https://youtu.be/eD2N4bh-JTw https://youtu.be/-PiCEIxDP68 https://youtu.be/9KeWNUcsO4Y

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/ Concepts students need to know/ understand	DI /PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
4.M.LO2	Work with fractions	Calculate Apply Compare	Numerator Denominator Fraction on a number line	DI	-Fraction on a number line -Equivalent fractions -Mixed fractions -Comparison of fractions - Addition & Subtraction on fraction - Word problems on fractions	7	
4.M.LO2.1	Identifies half, one-fourth, three-fourths of a whole in a given picture by paper folding and also in a collection of objects.	Identification	Examine Types of fraction	DI/ PBL	Equivalent fractions Types of fraction	2	https://youtu.be/kK3Te1fXdXk
4.M.LO2.2	Represents the fractions as half, one-fourth and three-fourths by using numbers/ numerals	Representation	Reduction of a fraction to its lowest term	DI	A fraction represents on a division numeral	2	
4.M.LO2.3	Shows the equivalence of fraction with	Show	Types of fraction.	DI	Types of fraction.	2	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/ Concepts students need to know/ understand	DI /PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	other fractions.						
4.M.LO3	Acquires understanding about shapes around her/him	Exploring/ observe	Basic concepts of point, line, open & closed shapes	DI	Geometrical Shapes	1	
4.M.LO3.1	Identifies the centre, radius and diameter of the circle	Identification/ explain/describe	Concept of circle	DI	Different parts of a circle Centre Radius Diameter	3	https://youtu.be/CTDtiXHorgc
4.M.LO3.2	Finds out shapes that can be used for tiling	Finds, explore	shapes used for tiling	DI/ PBL	Shapes used for tiling	2	
4.M.LO3.3	Makes cube/ cuboids using the given nets	Makes, understand	cubes, cuboids	DI/ PBL	Cubes, cuboids	3	https://www.youtube.com/watch?v=-kucFuIWleY
4.M.LO3.4	Shows through paper folding/cutting, by reflection.	Show	Concept of symmetry.	DI	Concept of symmetry.	1	
4.M.LO3.5	Draws top view, front view and side view of simple objects	Draws, explore	top view, front view and side view of simple objects	DI/ PBL	3 D shapes		https://www.youtube.com/watch?v=xPj2qBLnbi4
4.M.LO4	Explores the area and perimeter of simple	Calculate the area and perimeter of simple	1. Perimeter of the triangle=Sum of 3 Sides. 2. Perimeter of Rectangle=2(L+B)	PBL	Perimeter of Triangle, Rectangle and Square.	6	wiki">https://en.m.wiki-pedia.org>wiki

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/ Concepts students need to know/ understand	DI /PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit. For example, the number of books that can completely fill the top of a table.	geometrical shapes.	3. Perimeter of Square= $4(\text{Sides})$.				
4.M.LO5	Converts metre into centimetre and vice- versa	Computing & Conversion	- Conversion of various - Standard units of measurement - Conversion of various	DI	Measurement Units of measurement	1	https://youtu.be/5p3Fp3n1BIU
4.M.LO6	Estimates length, weight, volume, etc and verifies them by actual measurement.	Estimate, verify.	Estimate length, weight of various objects, and volume of liquid, etc.	DI	Length. Weight. Capacity	5	
4.M.LO7	Solves problem involving daily life situations related to length, distance, weight, volume and time involving four basic arithmetic	Solve/Apply	Solution/ Calculation of length, distance, weight, volume and time involving four basic arithmetic operations - The metric system	DI	-Measurement -conversion	5	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/ Concepts students need to know/ understand	DI /PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	operations						
4.M.LO8	Reads clock time in hour and minutes and expresses the time in. A.M. and. P.M.	Exploring	Recognize/Identify time using a clock	DI	Measurement	2	
4.M.LO9	Relates to 24 hr clock with respect to 12 hr clock	Computing & Conversion	Conversion of different time formats	DI	Measurement	2	
4.M.LO10	Calculates time intervals/ duration of familiar daily life events by using forward or backward counting/ addition and subtraction	Utilise their experiences inside/outside the class having exposure to telling time/ reading clock in hours and minutes, along with peers	discover the time lapsed in an event by counting forward or using subtraction/addition.	DI	Time	2	
4.M.LO11	Identifies the pattern in multiplication and division up to 9	Identify	Patterns of numerals (multiplication and division)	DI	Patterns of numerals (multiplications and division)	2	
4.M.LO12	Observes, identifies and	Observe, identify, extend	Patterns of shapes.	DI	Patterns of shapes	2	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/ Concepts students need to know/ understand	DI /PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	extends shapes based on symmetry.						
4.M.LO13	Represents the collected information in tables and bar graphs and draws inferences from these	collect information and draw meaningful results in their daily life. Using these experiences, the children may be involved in activities focusing on data handling	Able to draw tables and bar graphs	DI	Handling Data	3	
Total Number of Lessons						74	

CLASS 5: MATHEMATICS

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI/ PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
5.M.LO1	Work with large numbers.	Identify large numbers Indian and international system of numeration, Roman numerals	Indian and International place value system Roman numerals	DI with activities.	Large numbers	6	https://youtu.be/KB9Zxr1kX04 https://youtu.be/G59BK8Ah3kE https://youtu.be/vr8nBXDq34k https://youtu.be/Jd0Hzyc1SMk
5.M.LO1.1	Reads and writes numbers bigger than 1000 being used in her/his surroundings	Recognize, Identify	Naming and representation of large numbers Indian system International System	DI	Indian system International System	2	
5.M.LO1.2	Performs four basic arithmetic operations on numbers beyond 1000 by understanding of place value of numbers	Investigate/apply/calculate	Basic arithmetic operations on numbers beyond 1000	DI	Addition Subtraction Multiplication Division	2	https://youtu.be/pN_xu6Oirdg
5.M.LO1.2	Four Basics operation in Mathematics (Addition, Subtraction,	Four Basics operation in Mathematics	Concept of four basics operation in mathematics	DI inside the classroom where face to face communication	Addition, Subtraction, Multiplication and Division	4	https://youtu.be/aLZQRFIUbvA

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI/ PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	Multiplication and Division)			learning between teacher and students as well as lecture method using different teaching aids			
5.M.LO1.3	Divides a given number by another number using standard algorithms	Divides	A number by another number using standard algorithms	DI	Division by standard algorithm	2	https://youtu.be/IVdwa_syPNg
5.M.LO1.4	Estimates sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using	Estimate/differentiate/verify	Application of standard algorithm in finding sum, difference, product & quotient	DI		4	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI/ PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	operation. For example, to divide 9450 by 25, divide 9000 by 25, 400 by 25, and finally 50 by 25 and gets the answer by adding all these quotients.						
5.M.LO2	Acquires understanding about fractions	Observe/describe/explain	Meaning Types of fraction Fraction Division Proper & Improper	DI	Fraction & Division Proper & Improper	2	https://youtu.be/MJHIKqoK-aA
5.M.LO2	Acquires Understanding about fraction	Compares fractions through various ways like paper folding, shading of diagram etc	Finds the number corresponding to part of a collection	DI/ PBL	Proper fraction Improper fraction Mixed fraction Like and Unlike fraction	5	www.collins.in
5.M.LO2	Acquires understanding about fractions.	Identify the different types of fractions	Proper and improper fractions, Like and unlike fractions, mixed fractions	DI	Types of fractions	2	https://youtu.be/jRVBION-hIc https://youtu.be/9c1ga094KIQ

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI/ PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
5.M.LO2.1	Finds the number corresponding to part of a collection	Able to part a set and find number corresponding to the parted part	Some things cannot be parted unless it's a set or bunch	DI		1	
5.M.LO2.2	Identifies and forms equivalent fractions of a given fraction.	Develop the idea of equivalence of fractions through various activities	Equivalent fractions.	DI mixed with work sheets and games.	Equivalent fractions	2	https://youtu.be/0JUbxN5accU https://youtu.be/N1X0vf5PUz4
5.M.LO2.3	Expresses a given fraction $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$ in decimal notation and vice-versa. For example, in using units of length and money- half of Rs. 10 is Rs.5	Convert & Compare	Conversion of Improper to proper fraction Comparison of fractions	DI	Conversion of fraction into decimal notation	2	
5.M.LO2.4	Converts fraction into decimals and vice versa.	Define fraction and the relation of decimal and fractions.	Decimal notation of fractions.	DI	Decimal fractions	2	https://youtu.be/o7o4UwH6q-w
5.M.LO3	Explores idea of angles and shapes	Explore	Examine/Related Idea of angles and shapes	DI	Types of angle /shapes	2	https://youtu.be/RoOSYZ1v5n8

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI/ PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
5.M.LO3	Explore idea of angles and shapes	Explain the concepts of plane, point, line, line segment and ray To identify parts of an angle.	Geometrical shapes.	DI with the help of pictorial charts.	Basics of Geometry	4	https://youtu.be/1VSun4wX7UQ https://youtu.be/XsnlrypbDtk https://youtu.be/B78E8PbZ67Y
5.M.LO3.1	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	Classify	Describe/Explain/observe Acute angle Obtuse angle Right angle	DI	Types of angles Acute angle Obtuse angle Right angle	3	https://youtu.be/VjRXfemAbuc
5.M.LO3.2	Identifies 2D shapes from the immediate environment that have rotation and reflection symmetry like alphabet and shapes	Identifies	Symmetry, symmetric figure	DI/ PBL	Symmetric figures, Lines of symmetry		https://youtu.be /MtqtljJsfIE
5.M.LO3.3	Makes cube, cylinder and cone using nets designed	Identifies different 3D diagram from surrounding by net designed in chart paper	Length, breadth, height, faces, edges, vertex shape	DI/ PBL	Net of cube Net of cuboid Net of	6	https://youtu.be/1PeKMkgXNlo

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI/ PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	for this purpose				cylinder		
5.M.LO4	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	Difference	Units of length weight volume Followed by conversion	DI	Units of length weight volume	3	
5.M.LO5	Estimates the volume of a solid body in known units like volume of a bucket is about 20 times that of a mug	Estimating volume of water in bucket using a mug	Understand practical work	DI/ PBL	Weight and measurements	5	
5.M.LO6	Applies the four fundamental arithmetic operations in solving problems	solving problems related to real life applications involving money, length, mass, capacity and time intervals	money, length, mass, capacity and time intervals	PBL through group activity by conducting role play	Real life applications	5	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge / Concepts students need to know/ understand	DI/ PBL	Topics / Subtopics	No. of lessons	Links to online Learning resources
	involving money, length, mass, capacity and time intervals						
5.M.LO7	Identifies the pattern in triangular number and square number	Identify the pattern in triangular and square	A new row of dots is added to triangle, adding of natural numbers is done e.g 3,6,10.	DI	Shapes	1	
5.M.LO8	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it.	Find and collect data and represent it. e.g- scores in quiz.	Frequency table needs to be drawn and interpret it	DI	Handling data	2	
Total Number of Lessons						67	

ENVIRONMENTAL STUDIES

CLASSES 1 - 5

CLASS 3: EVS

LO Codes	Learning Outcomes	What students should able to do	Knowledge/Concept Areas students need to know/understand	DI/ PBL	Topics/Sub topics	No. of lessons	Links to online Learning resources
3.EVS.LO1	Identifies simple observable features (e.g., shape, colour, texture, aroma) of leaves, trunk and bark of plants in immediate surroundings	Observes, identifies and describes observable features like shape, colour, texture, aroma of leaves, trunk and bark of plants	Observable features like shape, colour, texture, aroma of leaves, trunk and bark of plants	DI/ PBL	Shape, colour, texture, aroma of leaves, trunk and bark of plants	2	
3. EVS.LO2	Identifies simple features (e.g movement at places found/kept, eating habits) of animals in the immediate surroundings	Identifies simple features of animals like movements, eating habits, etc.	Movement, eating habits of animals in the immediate surroundings	DI/ PBL	Movement, eating habits of animals in the immediate surroundings	3	
3.EVS.LO3	Identifies relationships with and among family members	Identifies relationships with and among family members	Relationships with and among family members	DI/ PBL	Relationships with and among family members	2	
3.EVS.LO4	Identifies objects, signs (vessels, stoves, transport, means of communication, transport, signboards etc.); places (types of houses/shelters, bus stand, petrol pump etc.) activities (works people do, cooking processes, etc.) at	Able to identify objects, street signs, places, activities at home, school and neighbourhood. Explain the	Objects like vessels, stoves, transport, means of communication, transport, signs; places like types of houses/shelters, bus stand, petrol pump etc. Activities like cooking processes, etc. from the	DI/ PBL/ Active Learning	Vessels, stoves, transport, means of communication, transport, signs; places like types of houses/shelters, bus stand, petrol pump etc. Activities like cooking processes	2	

LO Codes	Learning Outcomes	What students should able to do	Knowledge/Concept Areas students need to know/understand	DI/ PBL	Topics/Sub topics	No. of lessons	Links to online Learning resources
	home/school/ neighbourhood	difference List processes/ procedures	learners' environment				
3.EVS.LO5	Describes need of food for people of different age groups; animals and birds, availability of food and water and use of water at home and surroundings	Observes, describes, explains,	Food for people of different age groups; animals and birds Availability of food and water and use of water at home and surroundings	DI/ PBL	Food for people of different age groups; animals and birds Availability of food and water and use of water at home and surroundings	2	
3.EVS.LO6	Describes roles of family members, family influences (traits/ features /habits / practices), need for living together, through oral/ written/other ways	Learn and describe family, relations, traits and features	Family	PBL	Family	5	
3.EVS.LO7	Groups objects, birds, animals, features, activities according to differences/ similarities using different senses. (e.g., appearance/place of living/ food/ movement/ likes-dislikes/ any other features using different senses.	Classify, compare, contrast	Differences/ similarities between objects, birds, animals using different senses based on their appearance/ place of living/ food/ movement/ likes-dislikes/ etc.	DI	Differences/ similarities between objects, birds, animals and their appearance/ place of living/ food/ movement/ likes-dislikes/ etc.	1	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/Concept Areas students need to know/understand	DI/ PBL	Topics/Sub topics	No. of lessons	Links to online Learning resources
3.EVS.LO8	Differentiates between objects and activities of present and past (at time of the elders). (e.g., clothes /vessels /games played/ work done by people)	List, explore, differentiates	Objects and activities of present and past which includes clothes, vessels, games played and work done	DI/ PBL	Objects found in the present and past Activities of the present and past	4	
3.EVS.LO9	Identifies directions, location of objects/ places in simple maps (of home/ classroom/ school) using signs/ symbols/ verbally	Observes, identify create, construct Use signs/ symbols/ explanations	Directions, location of objects/ places in simple maps (home/ classroom/ school) signs/symbols	DI	Directions, location of objects/ places in simple maps (home/ classroom/ school) signs/symbols	1	
3.EVS.LO10	Guesses properties, estimates quantities; of materials/activities in daily life and verifies using symbols/non-standard units (hand spans, spoon/mugs, etc)	Know how to estimate quantity of measurements using old technique	Usage of body parts for measurement	DI		2	
3.EVS.LO11	Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns (e.g., shapes of moon, seasons)	Learn and describe different, simple environmental aspects	Immediate environment	PBL	Neighbourhood and immediate environment	5	
3.EVS.LO12	Creates drawings, designs, motifs, models, top, front, side views of objects, simple maps (of classroom, sections of home/ school, etc.) and slogans, poems, etc.	Illustrate, draw, create	Top, front, side views of objects, simple maps (of classroom, sections of home/ school, etc.) and slogans, poems, etc.	DI (Use picture)	Top, front, side views of objects, simple maps (of classroom, sections of home/ school, etc.) and slogans, poems	2	

LO Codes	Learning Outcomes	What students should able to do	Knowledge/Concept Areas students need to know/understand	DI/ PBL	Topics/Sub topics	No. of lessons	Links to online Learning resources
3.EVS.LO13	Observes rules in games (local, indoor, outdoor) and other collective tasks	Listen, observe, demonstrate	Follow rules in games (local, indoor, outdoor) and other collective tasks	DI/ PBL	Rules in games and group activities	5	
3.EVS.LO14	Voices opinion on good/bad touch; stereotypes for tasks/play/food in family w.r.t gender, misuse/wastage of food and water in family and school	Learn and speak of roles and duties of respective genders, proper handling of food and water	Gender roles, stereotypes; proper handling of food and water	PBL	Society and values	5	
3.EVS.LO15	Shows sensitivity for plants, animals, the elderly, differently abled and diverse family set ups in surroundings. (For the diversity in appearance, abilities, choices - likes/ dislikes, and access to basic needs such as food, shelter, etc.)	Demonstrate, describe, bring out, discuss	Sensitivity towards living things all around us	DI/ PBL	Living things and response to them	5	
Total Number of Lessons						46	

CLASS 4: EVS

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/concept Areas students need to know/understand	DI/ PBL	Topics/ sub topics	No. of lessons	Links to online Learning resources
4.EVS.LO1	Identifies simple features (e.g., shape, colour, aroma, where they grow/any other) of flowers, roots and fruits in immediate surroundings.	Students need to identify simple features of flowers, roots and fruits.	Shape of Jasmine: Simple, trifoliate, 5-6 leaflets. Most are white and strong and sweet smell that can be found in India.	DI	Parts of a Plant Flower Roots Fruits	10	https://www.pickupflowers.com
4.EVS.LO2	Identifies different features (beaks/teeth, claws, ears, hair, nests/shelters, etc.,) of birds and animals.	Students need to identify different features of birds and animals.	beaks/teeth, claws, ears, hair, nests/shelters, etc.	DI	Different features of birds and animals.	10	https://animals.mom.me
4.EVS.LO.03	Identifying the relationship among family members in extended family	Identify Understand & Relate	Immediate family Extended family	DI	Immediate family Extended family	5	https://youtu.be/etWsHcnbbIY
4.EVS.LO4	Explains the Herd group behaviour in Animals, ants, bees, Elephants e.g. Due to birth, Marriage transfer	Describe Discuss Visualize Draw	Elephant herds Ant colonies Honey bees	DI/ PBL	Animals Elephant Herds Honey bees	3	
4.EVS.LO5	describes different skilled work (farming,	To help in enlightening their own skilled in	To have knowledge and ability to in their work	DI	Skilled worker	2	

LO Codes	Learning Outcomes	What students should able to do	Knowledge/concept Areas students need to know/understand	DI/ PBL	Topics/ sub topics	No. of lessons	Links to online Learning resources
	construction, art/craft, etc.); their inheritance (from elders) and training (role of institutions) in daily life	which they are good at.					
4.EVS.LO6	Explains the process of procuring our daily needs i.e, water its sources and ways of its purification at home and neighbourhood	Should be able to explain essential of water for all living beings, sources of water, water cycle, water pollution	Essential of water, availability of water, water pollution.	DI/ PBL	Water Water cycle Water table Water bodies Drinking Water	3	
4.EVS.LO7	Differentiates between objects and activities of past and present. (e.g., transport, currency, houses, materials, tools, skills- farming, construction, etc.)	To understand the differences between the past and present life.	Difference between past and present life, attitude of people in the past and to understand what elderly people used earlier.	DI	Activities of present and past	4	
4.EVS.LO8	Groups the animals, birds, plants, objects, waste material for observable features. (e.g., on appearance ears, hair, beaks, teeth, texture of skin/surface),	List, observe, compare	animals, birds, plants, objects, waste material	DI/ PBL	Observable features and appearance of animals, birds, plants, objects. Local fruits, vegetables, spices and their uses along with	10	

LO Codes	Learning Outcomes	What students should able to do	Knowledge/concept Areas students need to know/understand	DI/ PBL	Topics/ sub topics	No. of lessons	Links to online Learning resources
	instincts (domestic/wild, fruit/ vegetable/ pulses/ spices and their shelf life) uses (edibility, medicinal, decoration, any other, reuse), traits (smell-taste, likes, etc.)				their traits		
4.EVS.LO9	Guesses (properties, conditions of phenomena), estimates spatial quantities (distance, weight, time, duration) in standard/local units (kilo, gaz, pav etc.) and verifies using simple tools/set ups to establish relation between cause and effect. (e.g., evaporation, condensation, dissolution, absorption; for places- near/ far, objects- size and growth; shelf life of flower, fruit,	Observe, compare, estimate, use, verifies	properties, conditions of phenomena, spatial quantities (distance, weight, time, duration) simple tools/set ups growth of flower and fruit	DI/ PBL	Different physical phenomena Spatial quantities Cause and effect	8	

LO Codes	Learning Outcomes	What students should able to do	Knowledge/concept Areas students need to know/understand	DI/ PBL	Topics/ sub topics	No. of lessons	Links to online Learning resources
	vegetables)						
4.EVS.LO10	Records her observations /experiences/ information for objects, activities, phenomena, places visited (mela, festival, historical place) in different ways and predicts patterns in activities/phenomena.	List, observe, records	information for objects, activities, phenomena, places visited	DI/ PBL	Places of interest Historical sites Different religious places	8	
4.EVS.LO11	Identifies signs, location of objects/places and guides for the directions w.r.t a landmark in school/neighbourhood using maps etc.	To draw their own neighbourhood maps with the help of conventional signs.	Terms related to scale, direction, sketch plan, conventional signs and symbols.	DI	Map reading	3	
4.EVS.LO12	Uses the information on signboards, posters, currency (notes/coins), railway-ticket/ time-table.	Choose, explore, make use of	signboards, posters, currency (notes/coins), railway-ticket/ time-table.	DI and PBL	Right and wrong Value Individual details	5	

LO Codes	Learning Outcomes	What students should able to do	Knowledge/concept Areas students need to know/understand	DI/ PBL	Topics/ sub topics	No. of lessons	Links to online Learning resources
4.EVS.LO.13	Creates collage, designs models, rangolis, posters, albums and simple maps (of School / neighbourhood, flow diagrams, etc) using local/waste material	Creates, Designs, Posters models	Biodegradable Waste Non-Biodegradable Waste	DI/ PBL	Biodegradable Waste Non-Biodegradable Waste	5	https://youtu.be/aTfILRF7WS4
4.EVS.LO14	Voices opinion on issues observed/ experienced in, family/ school/ neighbourhood, e.g., on stereotypes (making choices/ decision making/solving problems), discriminatory practices on caste in use of public places, water, MDM/ community eating, child rights (schooling, child abuse, punishment, labour).	To be able to understand and go on the right path of making decisions regarding society issues.	Learn to make right decision regarding society issues.	DI	Problem related to social issues	3	
4.EVS.LO15	Suggests ways for hygiene, reduce,	Make informed suggestions/	plants, animals, the elderly, differently	DI/ PBL		2	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/concept Areas students need to know/understand	DI/ PBL	Topics/ sub topics	No. of lessons	Links to online Learning resources
	reuse, recycle and takes care of different living beings (plants, animals, and the elderly, differently abled people/, resources (food, water, and public property/.	recommendations, recycle, reuse, sensitise	abled people/, resources management (food, water, and public property)				
Total Number of Lessons						81	

CLASS 5: EVS

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/concept Areas students need to know/understand	DI/ PBL	Topics/sub topics	No. of lessons	Links to online Learning resources
5.EVS.LO1	Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc.	Explain, describe, observe,	Super senses of animals and unusual features (sight, smell, hear, sleep, sound, etc.) Their responses to light, sound, food etc	DI	Animals: habit and adaptation	2	
5.EVS.LO2	Explains the use of technology and the process of accessing basic needs (food, water etc.) in our daily life. (e.g., farm produce to kitchen; grains to Roti, preservation techniques, storage and tracking of water source)	Explain, describe, observe,	use of technology, processes of food production, water supply, preservation of food, storage, tracking water source	DI/ PBL	Our Environment: Food from plants and animals.	2	biology">https://www.vedantu.com>biology
5.EVS.LO3	Describe the interdependence among plants, animals and humans, (e.g. Communities earning livelihood from animals, dispersal of seeds etc.)	(a) List (the products produced by plants and animals for our daily use) (b) Describe (the process of Photosynthesis)	The term 'Interdependence'	DI	Interdependence	1	https://www.youtube.com/watch?v=ifrUK7wWDPE

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/concept Areas students need to know/understand	DI/ PBL	Topics/sub topics	No. of lessons	Links to online Learning resources
5.EVS.LO4	Explains the role and functions of different institutions in our daily life (school, Panchayat, health centre, post Office, Railway Station and Police station)	Explains and identify the various public service and understands the importance of public services.	Sense of responsibility towards the environment.	DI	School	4	
	Explain the role and functions of different institutions in daily life. (Banks, schools, post-office, police station, health care, etc.)	Demonstrate (the importance of Police Station, etc. through role play)	School, Panchayat Ghar, Health centre, Post Office, railway Station and Police Station.	DI/ PBL	Public Services	5	
	Explain the role and functions of different institutions in daily life. (Banks, schools, post-office, police station, health care, etc.)	Explain, describe, assess	different institutions like Banks, schools, post-office, police station, health care, etc in daily life	DI/ PBL	Post Office Banks, schools, post-office, police station, health care, etc in daily life	1	
5.EVS.LO5	Establishes linkages among terrain, climate, resources (food, water, shelter, livelihood) and cultural life. (e.g., life in distant/difficult areas like hot/cold deserts)	Draw linkages	Food, water, shelter, livelihood and cultural life, life in distant/difficult areas like hot/cold deserts, etc.	DI	Food, water, shelter, livelihood, and cultural life, Life in distant/difficult areas, hot/cold deserts, etc.	2	https://www.haveinsider.com>pub...

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/concept Areas students need to know/understand	DI/ PBL	Topics/sub topics	No. of lessons	Links to online Learning resources
5.EVS.LO6	Groups objects, materials, activities for features and properties such as-shape, taste, colour, texture, sound, traits etc.	Groups, associates, classifies objects	Based on shape, taste, colour, texture, sound, traits etc.	Inquiry Based Learning	shape, taste, colour, texture, sound, traits etc. of objects, materials, their properties, features	3	
5.EVS.LO7	Traces the places of past and present Through coins, paintings, monuments, various public places like police station, railway station, Museum, library, etc	Observe, Identify, timeline	Changes that have taken place around us	DI & Inquiry based learning	coins, paintings, monuments, various public places like police station, railway station, Museum, library, etc	3	
5.EVS.LO8	Guesses (properties, conditions of phenomena), estimates spatial quantities (distance, area, volume, weight etc.) and time in simple standard units and verifies using simple tools/set ups. (e.g., floating/ sinking/ mixing/evaporation / germination / spoilage /breathing /taste)	Makes approximations and estimates quantities in using simple standard units with simple tools Verifying using simple tools/set ups	distance, area, volume, weight, time etc. simple standard units floating/ sinking/ mixing/evaporation /germination /spoilage /breathing /taste	DI/ PBL	distance, area, volume, weight, time etc. simple standard units floating/ sinking/ mixing/evaporation / germination / spoilage / breathing /taste	5	
5.EVS.LO9	Records	Records	tables/ sketches/ bar	DI/ PBL	Tables/	2	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/concept Areas students need to know/understand	DI/ PBL	Topics/sub topics	No. of lessons	Links to online Learning resources
	observations and experiences; information in an organised manner (e.g., in tables/ sketches/ bar graphs/ pie charts) and predicts patterns in activities/ phenomena (e.g., floating, sinking, mixing, evaporation, germination, spoilage) to establish relation between cause and effect.	observations and experiences predicts patterns Establish relation between cause and effect	graphs/ pie charts floating, sinking, mixing, evaporation, germination, spoilage		sketches/ bar graphs/ pie charts floating, sinking, mixing, evaporation, germination, spoilage		
5.EVS.LO10	Identifies locations of different landmarks of a locality/place visited in maps and predicts directions in context of positions at different places for a location.	Outline (the map of the locality and locate various public services buildings)	To let them know about maps, types of maps, components of maps etc.	DI	Map reading	3	
5.EVS.LO11	Creates posters, designs, models, set ups, local dishes, sketches, maps (of neighbourhood/ different places visited) using a variety of local/waste material	Creates posters, Prepare recipes for local dishes Draw their own neighbourhood maps with the help of conventional	Recipes of local dishes, Maps of neighbourhood, landmarks hospital, police station, bank, post office, heritage buildings, rivers,	DI/ PBL	Clinics-role of healthcare agencies	4	

LO Codes	Learning Outcomes	What students should be able to do	Knowledge/concept Areas students need to know/understand	DI/ PBL	Topics/sub topics	No. of lessons	Links to online Learning resources
	and writes poems/ slogans/travelogue etc.	signs. Writes poem, slogans, Prepare a photo-essay travelogue	streams, forest area, etc. Places to visit				
5.EVS.LO12	Voices opinions on issues observed/ experienced and relates practices / happenings to larger issues of society. (e.g., discrimination for access/ ownership of resources, migration/ displacement / exclusion, child rights)	Voices opinions through essays, letter to the editor, design a media campaign	discrimination for access/ownership of resources, migration/ displacement / exclusion, child rights, etc.	PBL	Discrimination for access/ownership of resources, migration/ displacement / exclusion, child rights, etc.	3	
5.EVS.LO13	Suggests ways for hygiene, health, managing waste, disaster/emergency situations and protecting/saving resources (land, fuels, forests, etc.) and shows sensitivity for the disadvantaged/deprived.	Make informed recommendations, suggestions	hygiene, health, managing waste, disaster/emergency situations and protecting/saving resources	PBL	Hygiene, health, managing waste, disaster/emergency situations and protecting/saving resources	3	
Total Number of Lessons						36	

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 Mr. J.C. Lynshing
 Ms. A.L. Nongbri
 Ms. Barilin Kharbuli
 Mrs. Donette Sawian
 Mr. P. Shabong
 Mr. Banteilang Kharbani
 Mrs. Easterleen G. Kharmalki
 Ms. Airida .A. Dkhar
Mawkhar Christian Hr Sec School
 Ms. S. Rynjah
 Ms. L. Warjri

Ms. V. Mawlong
 Mrs. J. Syiem
 Mrs. I. Kyndiah
 Mrs. L. B. Lynser
 Mrs. J. Marngar
 Mrs. V. L. Dumai
 Mrs. C. E. G. Marbaniang
 Mrs. R. Nongsiej
 Mr. L. Diengdoh
 Ms. J. Sohtun
 Mrs. E. Khyriem
 Mrs. I. Kyndiah
 Mrs. L. B. Lynser
 Mrs. L. Syiemlieh
Laitumkhrah Bengali Sec School
 Bubli Chakroborty
 Bandana Chakroborty
 Sujata Ghosh
 Sumita De
 Wandashisha lawphniaw
 Biswatosh Goswami
 Runa Das
 Mithu Nath
 Dhananjoy M Goswami
 Kaushik Ray
 Thaibi Roy Choudhury

Rohit Chutia
Pynthorumkhrah Pres Sec School
 Mrs P Majaw
 Mrs A Wanswett
 Mr W S Rumnong
 Mrs J Khartharin
 Mr B Ramsiej
 Ms I Kharbangar
 Ms D Rynjah
 Mrs P Tiewsoh
 Mrs K Wankhar
 Mrs R Thabah
 Mrs B Kharkongor
 Mrs M Pathaw
 Mrs K Wankhar
 Ms J Kharmuli
 Mrs B Buhphang
Auxilium Girls' Hr Sec School
 Ms. Barilin Mary Shabong
 Ms. Odelia Mary Wahlang
 Ms. Wandalin Shabong
 Ms. Christina Nonghulo
 Ms. Aidaphilarity Syiem
 Ms. Dominica Nongrum
 Ms. Paula Pakyntein
 Ms. Jaqueline

Ms. Dominica Nongrum
 Ms. Manjushree Rajak
 Ms. Salita Patgiri
 Ms. Steffi Tariang
 Ms. Sakaru Pyrbot
 Ms. Heisniaw Tyngkan
 Ms. Chaleth Pyngrope
WEST GARO HILLS DISTRICT
Don Bosco Hr Sec School, Rongkhon
 Liza Lucy Ch. Sangma
 Nicola T. Sangma
 Sengkame M. Sangma
 Maduri Sarki
 Rabi K. Marak
 Kamal Prasad
 David D. Areng
 Norime Sangma
 Wilme R. Marak
 Basilda Ch. Marak
 Annestry D. Areng
 Nicola T. Sangma
 Rabi K. Marak
 Norime Sangma
 Basilda Ch. Marak
 Brenario Ch Marak
 Uttam Rai

St. Xavier's Hr Sec School

Brenario Ch Marak
Sr. Albina Jyrwa
Theresa M Sangma
Ajay Prasad
Soumitro Sen Gupta
Pinky Rai

Tengsilchi Ch Marak
Shakuntala Chetry
Josephine N Marak

Aeroville Hr Sec School

Anamika Paul
Rachel M Sangma
Jullian GMomin
Juneva R Marak
Anamika Paul
Rachel M Sangma
Molly Ch Marak
Uttam Rai
Subankar Burman
Soumitro Sen Gupta
Tengsilchi Ch Marak
Nurceena R Sangma
Beenarose R Marak
Joana K Sangma
Candy N Areng
Neha Ahmed
Barsha Chetry
Anuma Lapasam

Shakuntala Chetry
P. Shanti Kumar
Lucia R Marak
Josephine N Marak
Wilma G Momin
Pihilla G Momin

Christian Girls Hr. Sec School

Tracina R. Marak
Nangrimchi
Janup R Sangma
Nogingshee A Sangma
Swarna Biswas
Jullian G Momin
Rajiv Mohara
Donovan Divinne Jones
Saljagring Ch Marak
Tatiana K Sangma
Benjish N. Marak
Suman Dutta

Rongram Hr Sec School

Smt. Threina K. Sangma
Smt. Wilchi A. Sangma
Smt. Salchira A. Sangma
Shri Kumar Chet4ry
Shri Gouranga Ch. De
Shri Fernel D. Sangma
Shri Babular Ch. Marak
Roxanne R. Marak
Celina B. Marak

Diego M. Marak
Deborah A. Sangma
Suman Dutta
Tangkam N. Sangma
Amit Saha
Rakseng M. Marak
Grenarina D. Shira
Nire R. Marak
James Nokseng G. Momin
Mumu K. Marak
Gulshan Shrivasta
Binster Ch. Momin

Don Bosco Hr Sec School, Tura

Silu Devi
Neera Chetry
Sumitra Chetry
Maylie Marak
Subrata Paul
Tapash Paul
Samantha M arak
Sankar Singha
Sanchi Marak
Subrata Sen
Winison A Sangma
Mary Pringchi N Sangma
Chime D Areng
Tesda G Momin
Trixie A Sangma
Sengchi N Sangma

Anthoni R Marak
Takhme Ch Sangma
Fridaynath R Marak
Tracy Momin
Fridaynath R Marak
Euvalarie R Marak
Takhme Ch Sangma
Lucina Ch Sangma
Degrikchi D Sangma
Maylie M Marak

**WEST JAINTIA HILLS DISTRICT
Q.C. Springside Hr Sec School**

Smt Wanhok Lamar
Smt Olivia Siangshai
Smt Aroma Chyrmang
Shri Ram Syiem Kiru Lamar
Shri Andro Chullai
Smt Maryoda Challam
Smt Miralna Dkhar
Smt Handakaru Dhar
Clearwater Sec School
Anuma Lapasam
Sumarlanghiika Sajem
Evangel Suiam
Kermiki lakai
Honda O Hi Papang
Pyrta Chwa lakai
Tammiki Manner

Ches' Stars Sec School

Smt Beatricia D.Latam
 Miss Yoowanira Shallam
 Miss Venessa Pariat
 Shri.Bryan jason Khonglah
 Smt.Dispora Kyndait
 Shri Jovi Sungoh
 Smt. Aniesha Pathaw
 Shri. Ariangwa O Pakma
 Smt. Lammidaka Pohleng
 Smt.Driss Suting
 Smt Debora Suting
 Smt.Jedidaiah Phawa
 Miss Venessa Pariat
 Shri.Bryan jason Khonglah
 Smt.Dispora Kyndait
 Shri Jovi Sungoh
 Smt. Aniesha Pathaw
 Shri. Ariangwa O Pakma
 Smt. Lammidaka Pohleng
 Miss Niwaniarki Shallam

St. Dominic Mawkyndeng Hr Sec School

Smt. Maria Sariang
 Smt. Bies Megles Suchiang
 Smt. Biola Rabon
 Smt. Maria Chympa
 Smt. Jacqueline Shadap
 Shri. Rimanki Chympa
 Smt. Perpetua Satein
 Shri. Francis Lathong
 Smt. Agnes Shadap
 Smt. Marbiangpor Syngkon
 Smt. Queenola Lamare
 Smt. Perpetua Satein
 Shri. Francis Lathong
 Smt. Agnes Shadap
 Smt. Marbiangpor Syngkon
 Smt. Queenola Lamare
 Smt. Rosaline Synnah
 Smt. Agatha Biam
 Smt. Demanroy Manner
 Shri. Jimmy Blah
 Sr. Aitihun Lawai
 Smt. Susie Mary Shadap
 Shri. Surya Deo Prasad Yadav
 Smt. Neelanda Talang

Ummulong Pres Hr Sec School

Smt. Phidamonshisha Kharsohtun
 Shri. Monday Nelson Lamare
 Smt. Rimika Pala
 Smt. Myron Feronia Lamare

Clearwater Sec School

Sumarlanghiika Sajem
 Evangel Suiam
 Anuma Lapasam
 Kermiki lakai
 Honda O Hi Papang
 Pyrta Chwa lakai
 Tammiki Manner

WEST KHASI HILLS DISTRICT**Bynther Sec School**

Shri. K.S Marbaniang
 Smt. Margrette Majaw
 Shri. Chesterfield Nongkynrih
 Shri. Cleverwell Nongrum
 Smt. Margrette Majaw
 Shri. P. Marbaniang
 Smt. Dailytiful Marbaniang.
 Smt. Lakshmi Kurbah
 Smt. Aidalinsha Nongsiej
 Smt. Banda Marbaniang
 Smt. Aidalinsha Nopngsiej
 Smt. Banda Marbaniang

Smt. Aidalinsha Nongsiej
 Smt. Ananda L.Kynshi
 Smt. Banda Marbaniang
 Smt. Ananda L.Kynshi
 Smt. Aidalinsha Nongsiej
 Smt. Banda Marbaniang
 Smt. Margrette Majaw
 Shri. S.K Hujon
 Shri. Chesterfield Nongkynrieh

Mairang Pres Hr Sec School

Bada Marbaniang
 Lad Skhem Wahlang
 Iba kordor War
 Weldon Mynsing

Kynshi Hr Sec School

Mr German Nongrum
 Mrs. Badahunsha Kharnaior:
 Mrs Dariboklin Nongsiej:
 Mrs.Nanda Pyngrope
 Mr.Kynjohshaphrang Diengdoh:
 Jesterwel Kharkylliang:
 Mrs. Ralinda L Mawnai

St Thomas Hr Sec School

Ms Evangaline Shylla
 Ms Kerphirity Nongkseh
 Ms Patricia Ryntathiang
 Sir Paul F Nongrum
 Ms Queenda Kharmawlong
 Ms Ida Diana Lynthong