



**CHINMAY**  
**INTERNATIONAL**  
**SCHOOL**

**GRADE 2**

**Annual  
Syllabus  
Handbook**

Academic Year  
2026-27

# GRADE 2 — ENGLISH

## Annual Syllabus 2026-27

CBSE | NEP 2020 | NCF 2022 Aligned

### Books in Use

Book	Author / Publisher	Purpose
New Mylestone English Coursebook Grade 2 – Part A	S. Chand School	Main reader – Term 1
New Mylestone English Coursebook Grade 2 – Part B	S. Chand School	Main reader – Term 2
New Mylestone English Practice Book Grade 2	Supriya Puthanpurayil, S. Chand	Reading, writing & language practice
P.C. Wren's Grammar – Class 2 (Updated Ed.)	S. Chand School	Grammar, composition & language skills

### Syllabus Overview

The Grade 2 English syllabus is structured across four thematic units in the Coursebook, supported by systematic grammar progression in P.C. Wren's and reinforcement through the Practice Book. Skills covered span reading comprehension, word power, grammar, study skills, listening & speaking, writing, and creative/art integration.

### TERM 1 (April – September 2026)

#### A. Coursebook – Part A (4 Themes, 12 Chapters)

##### Theme 1: My Friends and I (Chapters 1–3)

Ch	Title	Type	Word Power	Grammar	Listen & Speak	Write
1	Is There Anyone Like Me?	Picture Story	My Special Words; Words Showing Emotions	Naming words: Common & Special; Gender	Recall specific details; Form pairs; Ask & answer questions	Reorder jumbled words to create sentences
2	A Kulfi for Free	Prose	Seasons; Words Related to Five Senses	One and more than one; Subject pronouns	Recall a sequence of events; Narrate story in own words using descriptive details	Sentence completion
3	I had a Box of Crayons	Poem	—	—	—	Rhyme

##### Theme 2: Life Around Me (Chapters 4–6)

Ch	Title	Type	Word Power	Grammar	Listen & Speak	Write
4	The Little Red Hen	Prose	Animal sounds; Animal homes	Object pronouns (me, us, you, him, her, it, them); Articles: A, An, The	Recount details; Talk about a personal experience, feeling or emotion	Picture-based writing
5	The Tino, the Rhear,	Prose	Categorise animals;	Possessive adjectives; Question	Understand meaning of words from context;	Write simple dialogues

Ch	Title	Type	Word Power	Grammar	Listen & Speak	Write
	and the Bigger		Identify animals by their features	words	Interact with a classmate asking for information/clarification	
6	Whisky Frisky	Poem	—	—	—	Rhyme; Simile

### Theme 3: Going Places (Chapters 7–9)

Ch.	Title	Type	Word Power	Grammar	Listen & Speak	Write
7	With You, Ma	Prose	Modes of transport; Sound words	Action words; Subject-verb Agreement; Position words: Behind, In front of, Under, Over, Near, Between	Identify main idea; Describe a picture/object in complete sentences	Picture-based writing
8	Let's Go Places!	Prose	Opposites; Vehicles	Simple present (s/es forms) + Simple past (ed forms) + Simple future (will + verb)	Follow multi-step instructions; Retell stories in correct sequence	Make a list
9	Trains	Poem	—	Rhythm	—	Rhyme; Repeating a sound

### Theme 4: My Country, My Home (Chapters 10–12)

Ch	Title	Type	Word Power	Grammar	Listen & Speak	Write
10	The Honest Boy	Prose	Qualities in people; Homophones	Is, Am, Are; Was and Were; Has and Have; Had	Gather points for a discussion; Narrate a short story	Complete a short story using prompts
11	The King's Condition	Prose	People and professions; Synonyms	This, That, These, Those; Joining words: And, But; Questions and statements	Listen for language appreciation; Share ideas on a topic	Form questions
12	Food So Precious	Poem	—	—	—	Rhyme

## B. Study Skills, Values & Cross-curricular – Term 1

Theme	Study Skill	Values & Skills	Interdisciplinary Connect	Digital Literacy	Art Integration
My Friends & I	Alphabetical Order; End Marks	Uniqueness, friendship, sharing	Planning & organizational skills; Colouring	Digital Storytelling	Puppet Story
Life Around Me	Punctuation (apostrophe)	Helping others; hard work; perseverance; being ourselves	Mythology; Hybrid animals; Wheat processing; Baking bread	Safe Digital Behaviour	Observe and draw
Going Places	Silent letters	Importance of travel and new experiences	Understanding travel and tourism	Safe Website Checklist	Travel Dance
My Country, My Home	Punctuation (comma)	Unity in diversity; appreciating	National symbols; Wildlife	Online Navigation	Using Playdough

Theme	Study Skill	Values & Skills	Interdisciplinary Connect	Digital Literacy	Art Integration
		differences; national identity	conservation	Tool	to make a model of a dish

### C. P.C. Wren's Grammar – Term 1 (Units 1–13 + Revision Tests 1 & 2)

Unit	Topic	Key Concepts
1	Alphabetical Order	Arranging words in alphabetical order
2	Sentences	Definition; reordering words; forming sentences
3	Nouns (Naming Words)	Definition; understanding and categorising naming words
4	Nouns: Common and Proper	Definition; types: common and proper
5	Number: Singular and Plural	Meaning; addition of -s, -es, -ies and -ves
6	Adjectives (Describing Words)	Definition; words describing colour, number, size, shape, quality, age
7	Articles: A, An, The	Use of a, an, the
8	Pronouns (Words Replacing Nouns)	Definition; use of you, I, she, he, it, we, they, me, him, her, them, us
—	Revision Test 1	Revision exercises of Units 1–8
9	Verbs (Action Words)	Understanding action words
10	Is, Am, Are	Understanding the use of I–am; we/you/they/these–are; he/she/it–is
11	Was, Were	Understanding the use of was, were; I–was; we/you/they/these–were; he/she/it–was
12	Has, Have, Had	Understanding the use of has, have, had; past form of have–had
13	Is, Am, Are + ing	Adding -ing to action words; using -ing words with is, am, are
—	Revision Test 2	Revision exercises of Units 9–13

## TERM 2 (October 2026 – March 2027)

### A. Coursebook – Part B (Continuation of themes, revision & extension)

Part B continues the thematic learning with additional chapters, deeper grammar integration, extended writing tasks, and creative project work. Activities include picture composition, sequential writing, descriptive writing, and story narration building on the four themes established in Part A.

### B. P.C. Wren's Grammar – Term 2 (Units 14–21 + Revision Test 3 + Projects)

Unit	Topic	Key Concepts
14	Adverbs	Understanding adverbs (how, when, where)
15	Prepositions (Position Words)	Definition; use of in, on, under, in front of, above, below, between, behind, near
16	Conjunctions (Joining Words)	Definition; use of and, or, but; joining words and sentences

Unit	Topic	Key Concepts
17	Interjections (Words of Feelings)	Definition; use of hello!, oh!, hurray!, hey!, wow!, ouch!, bravo!, oh dear!, shh!; exclamation mark
—	Revision Test 3	Revision exercises of Units 14–17
18	Comprehension	Story and poetry comprehension; true/false questions; completing sentences; reordering the story
19	Composition	Picture composition; fill in the blanks; descriptive writing; sequential writing
20	Words	Compound words; opposites; people and their jobs
21	Listen and Speak	Listening to text/stories/poems and completing exercises; enacting a scene; narrating a story; tongue twisters
—	Project	A mix of grammar and a hands-on task
—	Listening Text	Text for listening exercises
—	Board Game	Grammar practice through a fun board game

### C. Practice Book – Term 1 & 2 (Supriya Puthanpurayil)

Skill Area	Activities Covered
Reading Comprehension	Factual, evaluative, and inferential questions linked to each chapter
Word Power	Vocabulary exercises, matching, fill-in, word families
Grammar Practice	Exercises reinforcing all grammar units from Coursebook and Wren's
Study Skills	Alphabetical order, punctuation, silent letters, end marks
Listening & Speaking	Listen and answer; speak in sentences; narrate and describe
Writing	Sentence completion, picture writing, story completion, form questions
Appreciation	Rhyme, simile, rhythm identification

### Suggested Monthly Plan

Month	Coursebook	Grammar (Wren's)	Focus Skill
April	Ch. 1: Is There Anyone Like Me?	Units 1–2: Alphabetical Order, Sentences	Oral expression, sentence formation
May	Ch. 2: A Kulfi for Free	Units 3–4: Nouns, Common & Proper Nouns	Reading comprehension, nouns
June	Ch. 3: I had a Box of Crayons (Poem)	Units 5–6: Singular/Plural, Adjectives	Poetry appreciation, describing words
July	Ch. 4: The Little Red Hen	Units 7–8: Articles, Pronouns + Revision Test 1	Articles, pronouns, picture writing
August	Ch. 5 & 6: Tino... + Whisky Frisky (Poem)	Units 9–10: Verbs, Is/Am/Are	Action words, dialogue writing
September	Ch. 7: With You, Ma	Units 11–13: Was/Were, Has/Have, Is+ing + Rev. Test 2	Tenses, position words, list writing
October	Ch. 8: Let's Go Places! + Ch.	Units 14–15: Adverbs,	Simple tenses, travel

Month	Coursebook	Grammar (Wren's)	Focus Skill
	9: Trains (Poem)	Prepositions	vocabulary
November	Ch. 10: The Honest Boy	Units 16–17: Conjunctions, Interjections + Rev. Test 3	Story narration, joining words
December	Ch. 11: The King's Condition	Unit 18: Comprehension	Comprehension skills, questions
January	Ch. 12: Food So Precious (Poem)	Unit 19: Composition	Descriptive & picture writing
February	Part B – Revision & Extension Activities	Units 20–21: Words, Listen & Speak	Compound words, oral fluency
March	Full Revision – All Themes & Chapters	Board Game + Project	Portfolio completion, year-end review

## Assessment Guidelines (NEP / CBSE Aligned)

Assessment at Grade 2 follows CBSE guidelines and NEP 2020 principles — competency-based, holistic, and continuous. No high-stakes examinations; emphasis on formative assessment.

Assessment Mode	Method	Frequency
Reading Aloud / Oral Assessment	Chapter reading, poem recitation, narration	Monthly
Written Classwork	Grammar exercises, sentence writing, comprehension	Weekly
Portfolio	Writing samples, creative work, worksheets	Each term
Listening & Speaking	Listen and answer, role play, dialogue	Each chapter
Periodic Tests	Revision Test 1, 2, 3 (Wren's Grammar)	After every 4–5 units
Project Work	Hands-on grammar + cross-curricular project	Term 2
Summative Assessment	Unit tests covering all four skill areas	End of each term

*Note: This syllabus is based on New Mylestone English Coursebook Grade 2 (Parts A & B), New Mylestone English Practice Book Grade 2 (Supriya Puthanpurayil), and P.C. Wren's Grammar Class 2 (Updated Edition) — all published by S. Chand School. Aligned with CBSE guidelines and NCF 2022.*

## कक्षा 2 — हिंदी वार्षिक पाठ्यक्रम

शैक्षणिक सत्र 2026-27

न्यू माइलस्टोन हिंदी पाठ्यपुस्तक आधारित वार्षिक योजना  
पठन · लेखन · भाषा विकास · रचनात्मक गतिविधियाँ

### 📅 मूल्यांकन योजना

मूल्यांकन	समय	पाठ्यक्रम	घटक
PT 1	जुलाई 2026	पाठ 1-5	मौखिक + लिखित
अर्धवार्षिक परीक्षा	सितंबर 2026	पाठ 1-10	पठन · लेखन · गतिविधि
PT 2	दिसंबर 2026	पाठ 11-14	वर्कशीट + मौखिक
वार्षिक परीक्षा	मार्च 2027	संपूर्ण पाठ्यक्रम	लिखित + परियोजना

### 📅 मासिक पाठ योजना

महीना	पाठ / विषय	गतिविधि	टिप्पणी
अप्रैल	मेरी प्यारी माँ · चिड़िया	कविता वाचन · चित्र चर्चा	भाषा विकास
मई	नाम वाले शब्द · सुखी और सेहतमंद	शब्द पहचान · वार्तालाप	मौखिक अभ्यास
जुलाई	सुंदर की बात · सबसे नन्ही	कहानी वाचन · अभिनय	PT 1 परीक्षा
अगस्त	बुद्धू का खरगोश · तितली रानी	चित्र वर्णन · लेखन	स्वतंत्रता दिवस गतिविधि
सितंबर	मित्रता का महत्व · गीत	कविता गान · पठन	अर्धवार्षिक परीक्षा
अक्टूबर	खेल-कूद · स्वास्थ्य	समूह गतिविधि · खेल	रचनात्मक कार्य
नवंबर	कहानी लेखन · अनुच्छेद	लेखन अभ्यास	बाल दिवस गतिविधि
दिसंबर	पुनरावृत्ति	वर्कशीट · मौखिक	PT 2 परीक्षा
जनवरी	व्याकरण अभ्यास	भाषा खेल · पठन	वार्षिक तैयारी
फरवरी	अभ्यास पुस्तिका कार्य	लेखन और पठन	Revision
मार्च	वार्षिक मूल्यांकन	संपूर्ण पुनरावृत्ति	वार्षिक परीक्षा

### 📖 पाठ सूची

- मेरी प्यारी माँ
- चिड़िया
- नाम वाले शब्द
- सुखी और सेहतमंद
- सुंदर की बात
- सबसे नन्ही
- बुद्धू का खरगोश
- तितली रानी

- मित्रता का महत्व
- गीत और कविता
- खेल-कूद
- स्वास्थ्य और स्वच्छता
- कहानी लेखन
- पुनरावृत्ति

### भाषा कौशल विकास

- पठन कौशल
- लेखन कौशल
- शब्द पहचान
- वाक्य निर्माण
- चित्र वर्णन
- मौखिक अभिव्यक्ति
- कविता वाचन
- कहानी सुनाना

### रचनात्मक गतिविधियाँ

- चित्र रंग भरना
- शब्द कार्ड खेल
- कविता गान
- भूमिका अभिनय
- कहानी समय
- समूह चर्चा
- वर्कशीट अभ्यास
- भाषा खेल

नोट: यह पाठ्यक्रम NCF 2023 तथा अनुभवात्मक शिक्षण पद्धति पर आधारित है। विद्यालय की आवश्यकता अनुसार इसमें परिवर्तन किया जा सकता है।

## ધોરણ 2 — ગુજરાતી વાર્ષિક પાઠ્યક્રમ

### શૈક્ષણિક વર્ષ 2026-27

તોરણ ગુજરાતી પાઠ્યપુસ્તક આધારિત વાર્ષિક આયોજન  
વાંચન · લેખન · ભાષા વિકાસ · સર્જનાત્મક પ્રવૃત્તિઓ

#### મૂલ્યાંકન યોજના

□□□□□□□□	□□□	પાઠ્યક્રમ	□□□□
PT 1	જુલાઈ 2026	પાઠ 1-5	□□□□□ + લખિત
□□□□□□□□ □□□□□□□□	સપ્ટેમ્બર 2026	પાઠ 1-10	વાંચન · □□□□ · પ્રવૃત્તિ
PT 2	ડિસેમ્બર 2026	પાઠ 11-15	વર્કશીટ + મૌખિક
વાર્ષિક પરીક્ષા	માર્ચ 2027	સંપૂર્ણ પાઠ્યક્રમ	લખિત + પ્રોજેક્ટ

#### મસવાર પાઠ યોજના

□□□□□	પા ઠ / વિષય	પ્રવૃત્તિ	ટિપ્પણી
□□□□□	માત્રા વગરના શબ્દો · 'આ' ની માત્રા	વાંચન અને ઓળખ	ભા ષા વિ કા સ
મે	'ઇ' અને 'ઈ' ની મા ત્ રા	શબ્દ રમત	મૌખિક અભ્યાસ
જુલાઈ	'ઉ' અને 'ઊ' ની મા ત્ રા	લેખન અભ્યાસ	PT 1
ઓગસ્ટ	'એ' અને 'ઐ' ની મા ત્ રા	□□□□□□□□	સ્વતંત્રતા દિવસ પ્રવૃત્તિ
સપ્ટેમ્બર	'ઓ' અને 'ઔ' ની મા ત્ રા	વાર્તા વાચન	□□□□□□□□ □□□□□□□□
ઓક્ટોબર	જોડાક્ષર · ગુજરાતી અંક	ભાષા રમત	રચનાત્મક કાર્ય
નવેમ્બર	સારી આદત · પેન્સિલનું અભિયાન	સમૂહ ચર્ચા	બાળ દિવસ
ડિસેમ્બર	મારે જવું રમવા	કવિતા ગાન	PT 2
જાન્યુઆરી	દિશા · ફળવાળી	વાંચન અને લેખન	વાર્ષિક તૈયારી
ફેબ્રુઆરી	પુનરાવર્તન	વર્કશીટ અભ્યાસ	રીવિઝન
માર્ચ	વાર્ષિક મૂલ્યાંકન	સંપૂર્ણ પુનરાવર્તન	વાર્ષિક પરીક્ષા

#### પઠ યાદી

- માત્રા વગરના શબ્દો
- 'આ' ની મા ત્ રા
- 'ઇ' અને 'ઈ' ની મા ત્ રા
- 'ઉ' અને 'ઊ' ની મા ત્ રા
- 'એ' અને 'ઐ' ની મા ત્ રા

- 'ઓ' અને 'ઓ' ની મા ત્ રા
- જોડાક્ષર
- ગુજરાતી અંક
- સારી આદત
- પેન્સિલનું અભિયાન
- મારે જવું રમવા
- દિશા
- ફળ વાળી
- પુનરાવર્તન

### બ | સાકૌશલ્ય વિકાસ

- વાંચન કૌશલ્ય
- લેખન કૌશલ્ય
- શબ્દ ઓળખ
- વાક્ય રચના
- ચિત્ર વર્ણન
- મૌખિક અભિવ્યક્તિ
- કવિતા ગાન
- વાર્તા કહેવી

### સર્જનાત્મક પ્રવૃત્તિઓ

- ચિત્ર રંગબરણી
- શબ્દ કાર્ડ રમત
- કવિતા ગાન
- અભિનય પ્રવૃત્તિ
- □□□□□□ □□□
- સમૂહ ચર્ચા
- વર્કશીટ અભ્યાસ
- □□□□□

નોંધ: આ પાઠ્યક્રમ NCF 2023 અને અનુભવ આધારિત શિક્ષણ પદ્ધતિ અનુસાર તૈયાર કરવામાં આવ્યો છે. શાળાની જરૂરિયાત મુજબ તેમાં ફેરફાર કરી શકાય છે.

# GRADE 2 — MATHEMATICS

## Annual Syllabus 2026-27

New Mylestone | S. Chand School | Author: M. Rajeswari

**CBSE | NEP 2020 | NCF FS 2022 Aligned**

### Books in Use

Book	Author / Publisher	Purpose
Mathematics Coursebook Grade 2 – Part A	M. Rajeswari, S. Chand School	Main text – Term 1 (Ch. 1–6 + Beyond the Text 1 & 2)
Mathematics Coursebook Grade 2 – Part B	M. Rajeswari, S. Chand School	Main text – Term 2 (Ch. 7–13 + Beyond the Text 3 & 4)
Mathematics Practice Book Grade 2	S. Chand School	Reinforcement worksheets for all 13 chapters + 4 Revisions + Vedic Maths
Speed Solver 2 – Mental Maths Practice Book	Piali Ganguly & Deepak Giananey, S. Chand School	Mental maths speed drills, NCF 2023 aligned

### Syllabus Overview

The Grade 2 Mathematics syllabus covers 13 chapters across Parts A and B, organised into five skill clusters: Number Sense, Operations, Measurement & Money, Geometry & Time, and Advanced Concepts. Practice Book reinforces each chapter with 4 built-in revision checkpoints. Speed Solver builds mental maths fluency throughout the year. 'Beyond the Text' sections provide interdisciplinary and real-life application activities.

### TERM 1 (April – September 2026)

Covered through Coursebook Part A — Chapters 1 to 6, with Beyond the Text 1 & 2. Practice Book pp. 5–44. Speed Solver units run parallel throughout.

### Cluster 1: Number Sense (Chapters 1–2)

Ch.	Title	Key Concepts / Learning Outcomes	Part A Page	PB Page
1	Numbers from 100 to 200	Reading and writing numbers 100–200; place value (hundreds, tens, ones); number names; comparing and ordering; before, after, between; number line; expanded form; skip counting	p. 7	p. 5–8
2	Numbers from 201 to 1000	Extending place value to 1000; reading, writing and representing 3-digit numbers; comparing and ordering numbers up to 1000; number patterns; rounding	p. 25	p. 9–15
—	Beyond the Text 1	Real-life number application project — counting, ordering, number display activities	p. 50	—

**Cluster 2: Operations — Addition & Subtraction (Chapters 3–4)**

Ch.	Title	Key Concepts / Learning Outcomes	Part A Page	PB Page
3	Addition	Addition of 2- and 3-digit numbers with and without regrouping; properties of addition (commutative, associative, zero property); addition word problems; mental addition strategies	p. 39	p. 16–22
4	Subtraction	Subtraction of 2- and 3-digit numbers with and without regrouping; relationship between addition and subtraction; checking subtraction; subtraction word problems	p. 52	p. 23–24
—	Revision 1 (PB)	Revision of Chapters 1–3 (Numbers + Addition)	—	p. 23–24

**Cluster 3: Operations — Multiplication & Division (Chapters 5–6)**

Ch.	Title	Key Concepts / Learning Outcomes	Part A Page	PB Page
5	Multiplication	Concept of multiplication as repeated addition; multiplication tables (2–10); properties of multiplication; multiplying by 1 and 0; word problems	p. 61	p. 25–31
6	Division	Concept of division as equal sharing and grouping; relationship between multiplication and division; division by 2–10; word problems	p. 82	p. 32–38
—	Beyond the Text 2	Operations in real life — shopping, sharing, grouping activity project	p. 94	—
—	Revision 2 (PB)	Revision of Chapters 4–5 (Subtraction + Multiplication)	—	p. 39–40

**TERM 2 (October 2026 – March 2027)**

Covered through Coursebook Part B — Chapters 7 to 13, with Beyond the Text 3 & 4. Practice Book pp. 41–84. Speed Solver continues parallel.

**Cluster 4: Measurement, Money & Time (Chapters 7–9)**

Ch.	Title	Key Concepts / Learning Outcomes	Part B Page	PB Page
7	Measurement	Length (cm, m); measuring with ruler; comparing lengths; weight (kg, g); capacity (l, ml); real-life measurement problems	p. 7	p. 41–44
8	Money	Indian currency coins and notes; making amounts; addition and subtraction with money; simple shopping problems; giving change	p. 19	p. 45–48
9	Time and Calendar	Reading clock (hours and half-hours); a.m. and p.m.; days of the week; months of the year; reading a calendar; duration of activities	p. 30	p. 49–52
—	Beyond the Text 3	Real-life measurement and money project — market simulation, timetable making	p. 42	—

**Cluster 5: Geometry (Chapter 10)**

Ch.	Title	Key Concepts / Learning Outcomes	Part B Page	PB Page
10	Geometry	2D shapes (circle, square, rectangle, triangle, oval, diamond); 3D shapes (cube, cuboid, sphere, cylinder, cone); faces, edges, vertices; symmetry; lines (straight, curved); drawing shapes	p. 44	p. 53–56
—	Revision 3 (PB)	Revision of Chapters 6–10 (Division, Even/Odd, Measurement, Money, Time, Geometry)	—	p. 61–62

**Cluster 6: Advanced Concepts (Chapters 11–13)**

Ch.	Title	Key Concepts / Learning Outcomes	Part B Page	PB Page
—	Even and Odd Numbers (PB Ch. 6)	Identifying even and odd numbers; patterns in even/odd; number properties	—	p. 41–44
11	Fractions	Concept of a fraction; half, one-third, one-fourth; equal parts; fractions of a whole and a collection; comparing simple fractions	p. 56	p. 63–66
12	Patterns	Repeating patterns; growing patterns; number patterns; shape patterns; creating and extending patterns	p. 61	p. 67–70
13	Data Handling	Collecting and organising data; tally marks; pictographs; reading and interpreting bar graphs; drawing conclusions from data	p. 69	p. 71–74
—	Beyond the Text 4	Patterns and data in real life — classroom survey, pictograph project	p. 80	—
—	Revision 4 (PB)	Revision of Chapters 11–13 (Fractions, Patterns, Data Handling)	—	p. 75–76
—	Vedic Maths (PB)	Mental calculation techniques using Vedic methods	—	p. 77–78

**Complete Chapter Summary — At a Glance**

Ch.	Title	Cluster	Term	CB Part	PB Pages
1	Numbers from 100 to 200	Number Sense	Term 1	Part A	p. 5–8
2	Numbers from 201 to 1000	Number Sense	Term 1	Part A	p. 9–15
—	Beyond the Text 1	Extension	Term 1	Part A	—
3	Addition	Operations	Term 1	Part A	p. 16–22
4	Subtraction	Operations	Term 1	Part A	p. 23–24
—	Revision 1	Checkpoint	Term 1	PB	p. 23–24
5	Multiplication	Operations	Term 1	Part A	p. 25–31
6	Division	Operations	Term 1	Part A	p. 32–38
—	Beyond the Text 2	Extension	Term 1	Part A	—

Ch.	Title	Cluster	Term	CB Part	PB Pages
—	Revision 2	Checkpoint	Term 1	PB	p. 39–40
—	Even & Odd Numbers	Advanced	Term 2	PB	p. 41–44
7	Measurement	Meas., Money & Time	Term 2	Part B	p. 45–48
8	Money	Meas., Money & Time	Term 2	Part B	p. 49–52
9	Time and Calendar	Meas., Money & Time	Term 2	Part B	p. 53–56
—	Beyond the Text 3	Extension	Term 2	Part B	—
10	Geometry	Geometry	Term 2	Part B	p. 57–60
—	Revision 3	Checkpoint	Term 2	PB	p. 61–62
11	Fractions	Advanced Concepts	Term 2	Part B	p. 63–66
12	Patterns	Advanced Concepts	Term 2	Part B	p. 67–70
13	Data Handling	Advanced Concepts	Term 2	Part B	p. 71–74
—	Beyond the Text 4	Extension	Term 2	Part B	—
—	Revision 4	Checkpoint	Term 2	PB	p. 75–76
—	Vedic Maths	Mental Maths	Term 2	PB	p. 77–78

## Speed Solver — Mental Maths (Parallel Throughout the Year)

Speed Solver by Piali Ganguly & Deepak Giananey is used alongside the Coursebook throughout both terms to build mental computation speed and accuracy. It is aligned with NCF 2023.

Area	Mental Maths Skills Covered
Number Operations	Quick addition, subtraction, multiplication and division within 1000
Number Sense	Place value drills, odd/even identification, number patterns
Mental Strategies	Doubling, halving, rounding, estimation
Money & Measurement	Quick calculation of amounts, change, lengths
Time	Reading time quickly, calculating duration
Mixed Drills	Timed mixed exercises for speed and accuracy

## NEP 2020 / NCF FS 2022 Competency Mapping

Competency Domain	Chapter(s)	Approach
Number & Place Value	Ch. 1, 2	Concrete-Pictorial-Abstract (CPA) approach
Computational Fluency	Ch. 3, 4, 5, 6	Step-by-step algorithms + mental maths (Speed Solver)
Measurement & Real Life	Ch. 7, 8, 9	Hands-on activities, market

Competency Domain	Chapter(s)	Approach
Maths		simulation, clock reading
Spatial & Geometric Reasoning	Ch. 10	Shape sorting, symmetry activities, model-making
Fractional Thinking	Ch. 11	Folding paper, equal sharing activities
Algebraic Thinking (Patterns)	Ch. 12	Pattern blocks, number pattern creation
Data Literacy	Ch. 13	Classroom surveys, tally and graph-making
Mental Maths & Vedic Methods	Speed Solver + Vedic Maths (PB)	Timed drills, Vedic sutras for quick calculation

## Suggested Monthly Plan

Month	Coursebook Chapter	Practice Book	Speed Solver Focus
April	Ch. 1: Numbers 100 to 200	PB p. 5–8	Number reading & place value drills
May	Ch. 2: Numbers 201 to 1000	PB p. 9–15 + Beyond the Text 1	3-digit number operations
June	Ch. 3: Addition	PB p. 16–22	Quick addition within 1000
July	Ch. 4: Subtraction + Revision 1	PB p. 23–24	Quick subtraction, mixed +/- drills
August	Ch. 5: Multiplication	PB p. 25–31	Multiplication tables 2–10 speed drills
September	Ch. 6: Division + Beyond the Text 2 + Revision 2	PB p. 32–40	Division facts, mixed operations
October	Even & Odd + Ch. 7: Measurement	PB p. 41–48	Measurement estimation, money drills
November	Ch. 8: Money + Ch. 9: Time & Calendar	PB p. 49–52 + Beyond the Text 3	Money calculations, time reading
December	Ch. 10: Geometry + Revision 3	PB p. 57–62	Shape properties, symmetry
January	Ch. 11: Fractions	PB p. 63–66	Fraction recognition speed drill
February	Ch. 12: Patterns + Ch. 13: Data Handling	PB p. 67–74 + Beyond the Text 4	Pattern completion, tally drills
March	Revision 4 + Vedic Maths + Full Year Review	PB p. 75–84	Mixed mental maths, full-year Speed Solver review

## Assessment Guidelines (NEP / CBSE Aligned)

Assessment follows CBSE guidelines and NEP 2020 — competency-based, holistic, and continuous. Emphasis on understanding, application, and problem-solving, not rote learning.

Assessment Mode	Method	Frequency
Oral Maths	Mental maths Q&A, table recitation, Speed Solver timed drills	Weekly
Written Classwork	Practice Book exercises, word problems, worksheets	Daily
Revision Tests (PB)	4 built-in revision checkpoints in Practice Book	Revisions 1–4
Beyond the Text Projects	Real-life application projects (4 across the year)	Each cluster
Periodic Chapter Tests	Short written test after each chapter / cluster	Monthly
Summative Assessment	Term-end test covering all chapters of that term	End of Term 1 & 2
Mental Maths Assessment	Speed Solver timed test	Each term

*Note: This syllabus is based on New Mylestone Mathematics Coursebook Grade 2 Parts A & B (M. Rajeswari), Mathematics Practice Book Grade 2, and Speed Solver 2 (Piali Ganguly & Deepak Giananey) — all published by S. Chand School. Aligned with CBSE guidelines and NCF FS 2022.*

# GRADE 2 — ENVIRONMENTAL STUDIES (EVS)

## Annual Syllabus 2026-27

New Mylestone | S. Chand School

CBSE | NEP 2020 | NCF FS 2022 Aligned

### Books in Use

Book	Publisher	Purpose
EVS Coursebook Grade 2 – Part A	New Mylestone, S. Chand School	Main text – Term 1 (Chapters 1–6 + Beyond the Text 1 & 2)
EVS Coursebook Grade 2 – Part B	New Mylestone, S. Chand School	Main text – Term 2 (Chapters 7–14 + Beyond the Text 3, 4 & 5)
EVS Practice Book Grade 2	New Mylestone, S. Chand School	Reinforcement worksheets for all 14 chapters

### Syllabus Overview

The Grade 2 EVS syllabus covers 14 chapters spread across Parts A and B, organised into five broad thematic clusters: Myself & Health, Living World, Natural World, Our Environment, and Transport & Communication. Each chapter builds scientific curiosity, environmental awareness, and life skills in alignment with NEP 2020 and NCF FS 2022. 'Beyond the Text' sections provide interdisciplinary and activity-based extension work.

### TERM 1 (April – September 2026)

Covered through Coursebook Part A — Chapters 1 to 6, with Beyond the Text 1 & 2.

#### Cluster 1: Myself & Health (Chapters 1–3)

Ch.	Chapter Title	Key Concepts / Learning Outcomes	Part A Page	PB Page
1	My Body	External body parts; senses (sight, hearing, smell, taste, touch); internal organs (heart, lungs, stomach, brain); bones and muscles	p. 1	p. 7
2	Food We Eat	Types of food (energy-giving, body-building, protective); balanced diet; food from plants and animals; healthy eating habits	p. 7	p. 10
3	Good Habits	Personal hygiene; cleanliness habits; healthy daily routine; dental care; importance of sleep and exercise	p. 15	p. 14
—	Beyond the Text 1	Interdisciplinary extension: body, food and habits; project/activity work	p. 27	—

#### Cluster 2: The Living World (Chapters 4–6)

Ch.	Chapter Title	Key Concepts / Learning Outcomes	Part A Page	PB Page
4	The World of Plants	Parts of a plant; types of plants (trees, shrubs, herbs, climbers, creepers); uses of plants; photosynthesis (basic); care of plants	p. 36	p. 17
5	The World of Animals	Types of animals (wild, domestic, pet); animal homes; animal sounds; food habits (herbivores, carnivores, omnivores); life cycles	p. 38	p. 21
6	The World of Birds	Parts of a bird; types of birds; beaks and claws (adaptation); migratory birds; care for birds	p. 46	p. 25
—	Beyond the Text 2	Interdisciplinary extension: living world project/activity work	p. 64	—

## TERM 2 (October 2026 – March 2027)

Covered through Coursebook Part B — Chapters 7 to 14, with Beyond the Text 3, 4 & 5.

### Cluster 3: Natural World — Air, Water & Seasons (Chapters 7–9)

Ch.	Chapter Title	Key Concepts / Learning Outcomes	Part B Page	PB Page
7	Air Around Us	Properties of air; uses of air; wind and weather; air pollution; importance of clean air; ways to keep air clean	p. 7	p. 29
8	About Water	Sources of water (rain, rivers, lakes, wells); uses of water; water cycle (basic); water conservation; water pollution	p. 14	p. 33
—	Beyond the Text 3	Interdisciplinary extension: air and water conservation project	p. 24	—
9	Colourful Seasons	Three seasons in India (summer, winter, rainy); characteristics of each season; seasonal changes; seasonal food and clothing	p. 26	p. 37

### Cluster 4: Our Environment — Clothes & Directions (Chapters 10–11)

Ch.	Chapter Title	Key Concepts / Learning Outcomes	Part B Page	PB Page
10	The Clothes India Wears	Types of clothing; seasonal clothing; traditional clothes of India; fabrics (cotton, wool, silk, synthetic); care of clothes	p. 35	p. 40
—	Beyond the Text 4	Interdisciplinary extension: seasons, clothes and culture	p. 44	—
11	Knowing Directions	Cardinal directions (North, South, East, West); using the sun to find direction; simple maps; importance of directions	p. 46	p. 44

**Cluster 5: Transport & Communication (Chapters 12–14)**

Ch.	Chapter Title	Key Concepts / Learning Outcomes	Part B Page	PB Page
12	The Story of the Wheel	History of the wheel; importance of the wheel; things that use wheels; invention and innovation	p. 55	p. 48
13	How We Travel	Modes of transport (land, water, air); vehicles; public and private transport; road safety rules; importance of transport	p. 62	p. 52
14	Getting in Touch	Means of communication (letter, telephone, mobile, internet, newspaper, TV); old vs modern communication; importance of communication	p. 72	p. 56
—	Beyond the Text 5	Interdisciplinary extension: transport and communication project	p. 82	—

**Complete Chapter Summary — At a Glance**

Ch.	Title	Cluster / Theme	Term	CB Part	PB Page
1	My Body	Myself & Health	Term 1	Part A	p. 7
2	Food We Eat	Myself & Health	Term 1	Part A	p. 10
3	Good Habits	Myself & Health	Term 1	Part A	p. 14
—	Beyond the Text 1	Extension	Term 1	Part A	—
4	The World of Plants	Living World	Term 1	Part A	p. 17
5	The World of Animals	Living World	Term 1	Part A	p. 21
6	The World of Birds	Living World	Term 1	Part A	p. 25
—	Beyond the Text 2	Extension	Term 1	Part A	—
7	Air Around Us	Natural World	Term 2	Part B	p. 29
8	About Water	Natural World	Term 2	Part B	p. 33
—	Beyond the Text 3	Extension	Term 2	Part B	—
9	Colourful Seasons	Natural World	Term 2	Part B	p. 37
10	The Clothes India Wears	Our Environment	Term 2	Part B	p. 40
—	Beyond the Text 4	Extension	Term 2	Part B	—
11	Knowing Directions	Our Environment	Term 2	Part B	p. 44
12	The Story of the Wheel	Transport & Communication	Term 2	Part B	p. 48
13	How We Travel	Transport & Communication	Term 2	Part B	p. 52
14	Getting in Touch	Transport & Communication	Term 2	Part B	p. 56
—	Beyond the Text 5	Extension	Term 2	Part B	—

**NEP 2020 / NCF FS 2022 Competency Mapping**

Competency Domain	Chapter(s)	Approach
Health & Personal Well-being	My Body, Food We Eat, Good Habits	Observation, self-care activities, healthy habit charts
Scientific Inquiry & Nature Exploration	World of Plants, Animals, Birds, Air, Water	Observation, field activities, classification
Environmental Awareness & Sustainability	Air Around Us, About Water, Colourful Seasons	Discussion, conservation projects, poster-making
Cultural & Social Awareness	The Clothes India Wears, Getting in Touch	Show-and-tell, cultural exploration, communication activities
Spatial Thinking & Geography	Knowing Directions	Map-reading, compass use, directional activities
History of Technology & Innovation	The Story of the Wheel, How We Travel	Timeline activities, creative model-making
Digital & Communication Literacy	Getting in Touch	Old vs new communication comparison, digital awareness
Values & Life Skills	Good Habits, Road Safety (Ch. 13)	Role play, daily habit diary, safety rules discussion

**Suggested Monthly Plan**

Month	Chapter	Key Activities
April	Ch. 1: My Body	Body parts chart, senses activity, organs diagram
May	Ch. 2: Food We Eat	Food group sorting, balanced diet plate activity
June	Ch. 3: Good Habits + Beyond the Text 1	Habit tracker, hygiene chart, extension project
July	Ch. 4: The World of Plants	Plant parts labelling, types of plants observation
August	Ch. 5: The World of Animals	Animal classification chart, food habits activity
September	Ch. 6: The World of Birds + Beyond the Text 2	Bird observation, beak types, extension project
October	Ch. 7: Air Around Us	Wind activity, air pollution discussion, clean air pledge
November	Ch. 8: About Water + Beyond the Text 3	Water cycle diagram, conservation project
November	Ch. 9: Colourful Seasons	Seasons chart, seasonal food and clothing sorting
December	Ch. 10: The Clothes India Wears + Beyond the Text 4	Fabric samples, traditional clothes of India display
January	Ch. 11: Knowing Directions + Ch. 12: Story of the Wheel	Direction activity with compass, wheel history timeline
February	Ch. 13: How We Travel + Ch. 14: Getting in Touch	Transport collage, communication timeline
March	Beyond the Text 5 + Full Revision	Communication project, portfolio completion, revision

## EVS Practice Book — Skills Coverage

Skill Area	Types of Exercises
Recall & Knowledge	Fill in the blanks, true/false, match the following
Comprehension	Short answer questions based on chapter content
Application	Label diagrams, complete charts, classify and sort
Higher Order Thinking	Why/How questions, real-life connections, think and write
Creative Activities	Draw and colour, project prompts, observation tasks

### Assessment Guidelines (NEP / CBSE Aligned)

Assessment follows CBSE guidelines and NEP 2020 — holistic, competency-based, and continuous. No high-stakes exams; emphasis on observation, projects, and formative tasks.

Assessment Mode	Method	Frequency
Oral Assessment	Chapter-based Q&A, oral presentation of project	Each chapter
Written Classwork	Practice book exercises, labelling, short answers	Weekly
Project / Beyond the Text	Activity-based projects after each cluster	5 times / year
Portfolio	Drawings, charts, nature observation records	Each term
Periodic Tests	Short written tests covering 2–3 chapters	Monthly
Summative Assessment	Term-end test covering all chapters of that term	End of Term 1 & 2

*Note: This syllabus is based on New Mylestone Environmental Studies Coursebook Grade 2 (Parts A & B) and EVS Practice Book Grade 2, published by S. Chand School. Aligned with CBSE guidelines and NCF FS 2022.*

# GRADE 2 — ART EXPLORATION

## Annual Syllabus 2026-27

New Mylestone | S. Chand School | Author: Aarushi Chowdhry

**Creativity | Colour Recognition | Hand-Eye Coordination | Fine Motor Skills | Precision | Dexterity**

### Book in Use

Book	Author / Publisher	Key Skills Developed
Art Exploration – Grade 2	Aarushi Chowdhry   New Mylestone, S. Chand School	Creativity, Colour Recognition, Hand-Eye Coordination, Precision, Dexterity, Pincer Grip, Finger Control, Grasping & Holding

### Three Art Domains

Domain	Activities	Key Skills
Colouring	12 colouring activities (p. 6–18)	Colour recognition, pencil/crayon control, staying within lines, colour mixing concepts
Calligraphy	Thin Striped Letters (p. 20)	Letter formation, pen control, precision, fine motor
Craft	14 craft activities (p. 24–48)	Fine motor, creativity, hand-eye coordination, 3D making, sensory exploration

### Syllabus Overview

The Grade 2 Art Exploration book covers 27 activities across three domains: Colouring (12 activities), Calligraphy (1 activity), and Craft (14 activities). Activities develop creativity, fine motor skills, colour sense, precision, and dexterity. The book is used as a supplementary art and craft resource throughout the year, with activities distributed across both terms.

### TERM 1 (April – September 2026)

#### DOMAIN 1: COLOURING (Pages 6–18)

#### Colouring Activities — Term 1

Activity	Subject / Theme	Skills Developed	Page
Colour Wheel	Primary & secondary colours; colour theory	Colour recognition, colour mixing concept, systematic colouring	p. 6
Elephant	Animal — Elephant	Large area colouring, colour choice, staying within outline	p. 7
Coconut	Nature — Coconut tree	Green shades, texture colouring, background vs foreground	p. 8
Flowers	Nature — Floral scene	Multiple colours, petal colouring, colour variation	p. 9
Lion in the Jungle	Animal — Lion	Warm colours, fur texture colouring, background filling	p. 10

Activity	Subject / Theme	Skills Developed	Page
Bird on the Tree	Animal & Nature	Small detailed colouring, colour contrast, nature colours	p. 11
Rabbit	Animal — Rabbit	Light colour shading, soft colour blending	p. 12
Crayon Holder	Object	Colouring a 3D object, colour differentiation	p. 13
Woodpecker	Bird — Woodpecker	Precise colour filling, red & black pattern colouring	p. 14
Duck	Bird — Duck	Yellow shades, water colouring, light and shadow	p. 15
Hearts	Shape / Valentine theme	Repeating pattern colouring, rainbow colours	p. 16
Watermelon	Fruit	Green and red colour contrast, seed detail	p. 17
Fish	Animal — Underwater	Cool colours, scale pattern colouring	p. 18

## DOMAIN 2: CALLIGRAPHY (Page 20)

### Calligraphy Activity

Activity	Content	Skills Developed	Page
Thin Striped Letters	Forming decorative letters using thin stripes; stylised alphabet lettering	Pen/pencil control, letter formation, precision, fine motor dexterity, pattern within letters	p. 20

## TERM 2 (October 2026 – March 2027)

## DOMAIN 3: CRAFT (Pages 24–48)

### Craft Activities — Term 2

Activity	Theme / Subject	Technique / Materials	Skills Developed	Page
Sponge Activity: Ladybugs	Insects — Ladybug	Sponge dabbing with paint	Sensory, colour dabbing, circular pattern, fine motor	p. 24
Wool Activity: Fish	Animal — Fish	Wool wrapping and sticking	Fine motor, wool winding, colour selection, pincer grip	p. 26
Colour Pressing Art: Butterfly	Insect — Butterfly	Colour pressing / blob printing	Symmetry, colour mixing, pressing technique	p. 28
Stencil Art: Rabbits	Animal — Rabbit	Stencil tracing and colouring	Precision, holding stencil, colour filling	p. 30
Cat Family	Animal — Cat	Drawing and colouring	Proportion, family grouping, detail	p. 32

Activity	Theme / Subject	Technique / Materials	Skills Developed	Page
			drawing	
Paper Origami: Fish	Animal — Fish	Paper folding (origami)	Sequencing, paper folding precision, 3D thinking	p. 34
Glitter Activity: Stars	Nature — Stars	Glitter gluing on star shapes	Grasping & holding, glue control, sparkle art	p. 36
Magical Crayons	Abstract / Creative	Crayon resist or mixed media technique	Colour layering, creative expression, mixed media	p. 38
Finger Impression: Pineapples	Fruit — Pineapple	Finger/thumb printing	Sensory, fingerprint pattern, coordination	p. 40
Stamping: Floral Bouquet	Nature — Flowers	Stamp printing with objects	Stamping pressure, pattern placement, colour choice	p. 42
Earbuds Impression: Tree	Nature — Tree	Earbud dot printing	Dot control, colour mixing in paint, precision	p. 44
Teacup Coaster	Object — Teacup	Craft making / decorating	Fine motor, decorative design, creative expression	p. 46
Colour Code Addition	Maths-Art Integration	Colour-coded number/addition activity	Colour recognition + basic maths, cross-curricular	p. 47
Ice Cream Stick Activity: Sun	Nature — Sun	Ice cream stick arrangement + colouring	Spatial arrangement, grasping sticks, sun pattern	p. 48

## Complete Activity Summary — At a Glance

Domain	No. of Activities	Pages	Term
Colouring	13 activities	p. 6–18	Term 1
Calligraphy	1 activity	p. 20	Term 1
Craft	14 activities	p. 24–48	Term 2
Total	28 activities	p. 6–48	Full Year

## Skills Development Framework

Skill	Activities That Develop This Skill
Colour Recognition	Colour Wheel, all Colouring activities
Hand-Eye Coordination	All Craft activities, Stencil Art, Stamping, Earbuds Impression
Fine Motor Skills	Wool Activity, Origami, Glitter, Finger Impression, Earbuds
Pincer Grip	Wool winding, Glitter gluing, Earbud printing, Ice Cream Sticks
Precision & Dexterity	Calligraphy, Stencil Art, Origami, Stamping

Skill	Activities That Develop This Skill
Creativity & Expression	Magical Crayons, Cat Family, Teacup Coaster, Colour Code Addition
Sensory Exploration	Sponge Activity, Finger Impression, Colour Pressing Art
Symmetry Awareness	Colour Pressing Art: Butterfly, Hearts colouring
Cross-curricular (Maths-Art)	Colour Code Addition (p. 47)

## Suggested Monthly Plan

Month	Domain / Activity	Materials Needed
April	Colour Wheel + Elephant + Coconut	Crayons / colour pencils
May	Flowers + Lion in the Jungle + Bird on the Tree	Crayons / watercolours
June	Rabbit + Crayon Holder + Woodpecker	Colour pencils, crayons
July	Duck + Hearts + Watermelon + Fish (Colouring)	Crayons / sketch pens
August	Calligraphy: Thin Striped Letters	Sketch pens / fine-tip pens, ruler
September	Sponge Activity: Ladybugs + Wool Activity: Fish	Sponge, paints, wool, glue
October	Colour Pressing Art: Butterfly + Stencil Art: Rabbits	Paints, stencils, brush
November	Cat Family + Paper Origami: Fish	Drawing materials, origami paper
December	Glitter Activity: Stars + Magical Crayons	Glitter, glue, crayons, mixed media
January	Finger Impression: Pineapples + Stamping: Floral Bouquet	Paints, stamps, fingers
February	Earbuds Impression: Tree + Teacup Coaster	Earbuds, paints, craft materials
March	Colour Code Addition + Ice Cream Stick Activity: Sun + Portfolio Review	Ice cream sticks, colour pencils, glue

## Assessment Guidelines

Art assessment at Grade 2 is observation-based and portfolio-driven, with no formal written examination. Assessment focuses on process, effort, creativity, and skill development rather than the final product.

Assessment Mode	Method	Frequency
Portfolio Collection	Completed colouring pages, calligraphy sheet, craft samples	Monthly
Skill Observation	Pencil/crayon control, grip, precision, colour choice	Ongoing
Craft Assessment	Completion, neatness, creativity, use of materials	Each craft activity
Participation	Engagement, enthusiasm, willingness to explore	Every class

Assessment Mode	Method	Frequency
Teacher Observation	Fine motor progress, colour sense, creative growth over time	Term 1 & 2

# GRADE 2 — COMPUTER SCIENCE

## Annual Syllabus 2026-27

New Mylestone | S. Chand School

NEP 2020 Aligned | Digital Literacy | Coding | Computational Thinking | Artificial Intelligence

### Book in Use

Book	Publisher	Key Features
Computer Science Coursebook Grade 2	New Mylestone, S. Chand School	Digital Literacy, Coding (ScratchJr), Computational Thinking, AI (Robots) — NEP 2020 Aligned

### Four Learning Domains

Domain	Colour Code	Chapters Covered	Focus
Digital & Cyber	Blue	Ch. 1–6	Computer hardware, software tools, internet browsing, cyber safety
Computational Thinking & Coding	Orange	Ch. 7–8	Data processing, ScratchJr programming
Artificial Intelligence	Green	Ch. 9	Robots and AI introduction
Add-On (Assessments & Projects)	Purple	PA1–4, Test Sheets, Projects, Digital Citizenship, Olympiad	Evaluation and enrichment

### Syllabus Overview

The Grade 2 Computer Science syllabus covers 9 chapters across three domains — Digital & Cyber (Ch. 1–6), Computational Thinking & Coding (Ch. 7–8), and Artificial Intelligence (Ch. 9). Periodic Assessments (PA1–PA4), Test Sheets, Projects, Digital Citizenship and Olympiad preparation are included as Add-On components throughout the year.

### TERM 1 (April – September 2026)

#### DOMAIN 1: DIGITAL & CYBER (Chapters 1–6)

#### Chapter 1: Human and Computer (p. 7)

Topic	Key Concepts / Learning Outcomes
Human vs Computer	Similarities and differences between humans and computers
Features of a Computer	Speed, accuracy, storage, diligence, versatility
Features of a Human	Intelligence, creativity, feelings, decision-making
Types of Computers	Desktop, laptop, tablet, smartphone
Key Terms	Desktop, hardware, software, data, information

**Chapter 2: Computer — Working and IPO Devices (p. 20)**

Topic	Key Concepts / Learning Outcomes
IPO Cycle	Input → Process → Output concept
Input Devices	Keyboard, mouse, microphone, scanner, webcam, joystick
Output Devices	Monitor, printer, speaker, headphones
Processing Unit	CPU as the brain of the computer
Storage Devices	Hard disk, pen drive, CD/DVD
Periodic Assessment 1	After Ch. 2 — covers Ch. 1 & 2 (p. 28)

**Chapter 3: Tux Paint — Advanced Features (p. 29)**

Topic	Key Concepts / Learning Outcomes
Tux Paint Recap	Review of basic Tux Paint tools from Grade 1
Advanced Tools	Magic tools, rubber stamp tool, text tool
Drawing & Colouring	Using advanced brushes, fill tool and undo
Saving & Opening	Saving artwork and reopening files in Tux Paint
Creative Project	Students create a digital drawing using advanced features

**Chapter 4: Paint — Advanced Features (p. 38)**

Topic	Key Concepts / Learning Outcomes
MS Paint Review	Recap of basic Paint tools
Advanced Drawing Tools	Shapes tool, text tool, eraser, colour picker
Editing Images	Resize, rotate, crop; copy and paste objects
Saving Work	Save As, file formats (BMP, JPEG, PNG)
Periodic Assessment 2 + Test Sheet 1	After Ch. 4 — covers Ch. 3 & 4 (p. 48–49)

**Chapter 5: WordPad — An Introduction (p. 50)**

Topic	Key Concepts / Learning Outcomes
Introduction to WordPad	Opening, interface, and uses of WordPad
Typing Text	Keyboard skills: typing letters, words, sentences
Formatting Text	Bold, italic, underline; font size and colour
Saving a Document	Save and Save As; file management basics
Printing	Print preview and printing a document

**Chapter 6: Internet — Browsing (p. 58)**

Topic	Key Concepts / Learning Outcomes
What is the Internet?	Definition, uses of the internet in daily life

Topic	Key Concepts / Learning Outcomes
Web Browser	Opening a browser (Chrome/Firefox); address bar; navigation
Searching the Web	Using a search engine; typing search queries
Safe Browsing	Cyber safety rules; what to share and not share online
Digital Citizenship	Responsible use of internet and devices
Periodic Assessment 3	After Ch. 6 — covers Ch. 5 & 6 (p. 64)

## TERM 2 (October 2026 – March 2027)

### DOMAIN 2: COMPUTATIONAL THINKING & CODING (Chapters 7–8)

#### Chapter 7: Computational Thinking — Data Processing (p. 65)

Topic	Key Concepts / Learning Outcomes
What is Computational Thinking?	Breaking problems into steps; thinking like a computer
Data and Information	Difference between data and information; data types
Data Processing	How computers process data: input → process → output
Algorithms	Step-by-step instructions; simple real-life algorithms
Sequences	Writing instructions in the correct order
Problem Decomposition	Breaking big problems into smaller, manageable parts

#### Chapter 8: ScratchJr — Advanced Blocks (p. 72)

Topic	Key Concepts / Learning Outcomes
ScratchJr Recap	Review of basic ScratchJr blocks and interface from Grade 1
Motion Blocks	Move, turn, jump, go to start position blocks
Looks Blocks	Change character appearance, say speech bubbles
Sound Blocks	Add sounds and record sounds in a project
Control Blocks	Wait, repeat, start on tap, start on message blocks
Creating a Story	Designing and coding a multi-scene animated story
Debugging	Finding and fixing errors in a ScratchJr program

### DOMAIN 3: ARTIFICIAL INTELLIGENCE (Chapter 9)

#### Chapter 9: Robots — An Introduction (p. 83)

Topic	Key Concepts / Learning Outcomes
What is a Robot?	Definition of a robot; robots in real life
Parts of a Robot	Sensors, actuators, controller, power supply

Topic	Key Concepts / Learning Outcomes
How Robots Work	Robots following programmed instructions
Types of Robots	Industrial robots, household robots, medical robots, space robots
AI and Robots	How AI helps robots learn and make decisions
Robots vs Humans	What robots can and cannot do compared to humans
Periodic Assessment 4 + Test Sheet 2	After Ch. 9 — covers Ch. 7, 8 & 9 (p. 91–92)

## ADD-ON: ASSESSMENTS, PROJECTS & ENRICHMENT

### Add-On Components

Component	Content / Purpose	Page
Periodic Assessment 1	Covers Ch. 1–2: Human & Computer, IPO Devices	p. 28
Periodic Assessment 2	Covers Ch. 3–4: Tux Paint & Paint Advanced Features	p. 48
Test Sheet 1	Comprehensive test: Ch. 1–4	p. 49
Periodic Assessment 3	Covers Ch. 5–6: WordPad & Internet Browsing	p. 64
Periodic Assessment 4	Covers Ch. 7–9: Comp. Thinking, ScratchJr, Robots	p. 91
Test Sheet 2	Comprehensive test: Ch. 5–9	p. 92
Projects	Hands-on projects integrating digital tools and coding	p. 93
Digital Citizenship	Responsible technology use, online safety, etiquette	p. 95
Olympiad	Competition preparation: Higher Order Thinking questions	p. 96

### Complete Chapter Summary — At a Glance

Ch	Title	Domain	Term	Page
1	Human and Computer	Digital & Cyber	Term 1	p. 7
2	Computer — Working and IPO Devices	Digital & Cyber	Term 1	p. 20
—	Periodic Assessment 1	Assessment	Term 1	p. 28
3	Tux Paint — Advanced Features	Digital & Cyber	Term 1	p. 29
4	Paint — Advanced Features	Digital & Cyber	Term 1	p. 38
—	Periodic Assessment 2 + Test Sheet 1	Assessment	Term 1	p. 48–49
5	WordPad — An Introduction	Digital & Cyber	Term 1	p. 50
6	Internet — Browsing	Digital & Cyber	Term 1	p. 58
—	Periodic Assessment 3	Assessment	Term 1	p. 64
7	Computational Thinking — Data Processing	Comp. Thinking & Coding	Term 2	p. 65
8	ScratchJr — Advanced Blocks	Comp. Thinking & Coding	Term 2	p. 72

Ch	Title	Domain	Term	Page
9	Robots — An Introduction	Artificial Intelligence	Term 2	p. 83
—	Periodic Assessment 4 + Test Sheet 2	Assessment	Term 2	p. 91–92
—	Projects	Enrichment	Term 2	p. 93
—	Digital Citizenship	Enrichment	Term 2	p. 95
—	Olympiad	Enrichment	Term 2	p. 96

## NEP 2020 Competency Mapping

Competency Domain	Chapter(s)	Approach
Digital Literacy	Ch. 1, 2, 5, 6	Hands-on computer use, typing, browsing
Creative Tools & Media	Ch. 3, 4	Digital art using Tux Paint and MS Paint
Coding & Programming	Ch. 8: ScratchJr	Block-based visual programming, storytelling
Computational Thinking	Ch. 7	Algorithms, sequencing, decomposition
Artificial Intelligence Awareness	Ch. 9: Robots	AI concepts, robot components, real-world AI
Cyber Safety & Digital Citizenship	Ch. 6, Digital Citizenship Add-On	Safe browsing, responsible online behaviour
Problem Solving & Logic	Ch. 7, 8	Debugging, step-by-step thinking
Higher Order Thinking	Olympiad Add-On	Application and analysis level questions

## Suggested Monthly Plan

Month	Chapter / Activity	Lab Activity
April	Ch. 1: Human and Computer	Identify computer parts; compare human vs computer chart
May	Ch. 2: Computer — Working and IPO Devices	Classify input/output devices; IPO cycle diagram
June	PA 1 + Ch. 3: Tux Paint — Advanced Features	Create a digital artwork using Tux Paint magic tools
July	Ch. 4: Paint — Advanced Features	Edit and design a greeting card in MS Paint
August	PA 2 + Test Sheet 1 + Ch. 5: WordPad	Type a short paragraph; apply bold, italic, underline formatting
September	Ch. 6: Internet Browsing + PA 3	Safe internet search activity; identify safe vs unsafe sites
October	Ch. 7: Computational Thinking — Data Processing	Write step-by-step algorithms for daily tasks
November	Ch. 8: ScratchJr — Advanced Blocks	Create a multi-scene animated story in ScratchJr
December	Ch. 8 continued — Debugging & Project completion	Debug a given ScratchJr program; finalise animated story
January	Ch. 9: Robots — An Introduction	Research and present on a real-world robot
February	PA 4 + Test Sheet 2 + Projects	Complete hands-on project; digital citizenship discussion
March	Digital Citizenship + Olympiad Prep + Full Revision	Olympiad practice questions; year-end computer lab test

## Assessment Guidelines (NEP 2020 Aligned)

Computer Science assessment at Grade 2 follows NEP 2020 — practical, competency-based, and continuous. Equal weightage is given to practical lab work and written understanding.

Assessment Mode	Method	Frequency
Periodic Assessments (PA 1–4)	Written tests after every 1–2 chapters	4 times/year
Test Sheets (1 & 2)	Comprehensive written tests covering multiple chapters	2 times/year (Term 1 & 2)
Lab Practical	Hands-on tasks: Paint, Tux Paint, WordPad, ScratchJr	Monthly
Projects	Integrated digital projects combining multiple skills	Term 2
Digital Citizenship Assessment	Scenario-based questions on safe and responsible use	Term 2
Olympiad Preparation	Higher Order Thinking practice questions	Term 2
Teacher Observation	Engagement, lab participation, problem-solving attitude	Daily

*Note: This syllabus is based on New Mylestone Computer Science Coursebook Grade 2, published by S. Chand School. Aligned with NEP 2020. Covers Digital Literacy, Coding (ScratchJr), Computational Thinking, and Artificial Intelligence (Robots).*