

ENGLISH SYLLABUS & TEACHING PATTERN

Text: Marigold – Textbook in English for Class IV (NCERT)

TERM – I

Chapter/ Unit	Glossary Words	One Mark Questions	Short Answer Questions	Long Answer Questions	Reference to Context	Grammar	Reading Skills	Listening Skills	Speaking Skills	Creative Writing Skills	P.A - 1	Term – 1
Unit – 1 Wake up (Poem)	5	2	2	4	1	Nouns Definition: Common, Proper, Collective, Abstract nouns	A descriptive comprehension worksheet on, 'Monkeys buys trouble'. A monkey smells something delicious and jumps down from the tree in search of something.	A story will be played for the students titled the Mango Grove. The students will listen to it and later on the teacher will ask questions from the story.	Speaking – On The topic the best place to go in Summer. 2 – 3 mins. Highlight key points such as/ Which place examples /Speak about the things you do there/ How often do you visit that place?	Notice Writing in not more than 50 words.	✓	×
Neha's Alarm Clock	5	2	1	4	1						✓	×
Unit – 2 Noses (Poem)	5	2	2	4	1	Pronouns: Definition, Types of pronouns:-Personal pronouns Demonstrative pronouns Pronouns	Comprehension worksheet The Troll's Hammer.	Narration of a short story by the teacher titled, 'A tiger gets caught in a cage'.	Group Work Group - Save Water. Group B -Save trees. Each student will speak for 1 min. Highlighting the key points of the topic.	Describe your Family. What is a family/ members /habits/likes dislikes/ Write it in about 70 -80 words.	×	✓
The Little Fir Tree	5	2	2	4	1						×	✓
Unit -3 Run (Poem)	5	2	2	4	1	Verbs : Auxiliary Verb.	Read the lesson, 'The Little Fir Tree' from your English Marigold book.	The teacher will read, Nasruddin's Aim on Pg no 44. Will prepare a worksheet about the story, to test understanding, critical thinking and reading in between the lines.	Moral Value topic- Seasons What are seasons? Speak on different seasons. Speak also about your favourite season.	Write about the Little Fish story, end with a moral. Use hints like little fish - living in the sea - the fish was unhappy as it was very small - one day - many big fishes – taken away	×	✓
Nasruddin's Aim	5	2	2	4	1						×	✓
Unit -4 Why? (Poem)	5	2	3	5	1	Adjectives: Definition Degrees of Adjectives Positive Degree: Comparative Degree, Superlative Degree.	A Comprehension worksheet on The Painted Desert. It is based on the desert located in Arizona.	The teacher will recite a poem on Run. The teacher will frame some interesting questions in the form of a worksheet.	Speak about your birthday party. How did you celebrate your birthday party?	Write about your favourite food, in about 70 -80 words.	×	✓
Alice In Wonderland	5	2	3	5	1						×	✓
Unit – 5 Don't be Afraid of the Dark (Poem)	5	2	3	4	1	Adverbs ,Definition, Adverb of manner, Adverb of place, Adverb of time, Adverb of frequency.	A comprehension worksheet on The Child's dream of a star. Read the comprehension worksheet well.	Read the lesson Helen Keller	Speaking topic: Family for 2 -3 mins.	Biographical Sketch. Write a biographical sketch of Viswanathan Anand in not more than 80-100 words.	×	✓
Helen Keller	5	2	3	4	1							

TERM – II

Chapter/Unit	Glossary Words	One Mark Questions	Short Answer Questions	Long Answer Questions	Reference to Context	Grammar	Reading Skills	Listening Skills	Speaking Skills	Writing Skills/Creative Writing	P.A - 2	Term – 2
Unit – 6 Hiawatha (Poem) The Scholar's Mother Tongue	5 5 5	2 2 2	3 3 3	3 3 3	1 1 1	Prepositions, Definition, Commonly used prepositions	Read the story, 'The Scholar's Mother Tongue'.	The teacher will read a passage on Pollution and later will ask questions from the students.	Speaking topic on - Honesty is the best policy.	Informal Letter Writing	√ √	× ×
Unit -7 The Donkey (Poem) A Watering Rhyme (Poem) The Giving Tree	6 5	2 2	3 3	4 4	1 1	Conjunctions- coordinating and subordinating, commonly used conjunctions	Read the story, 'The Giving Tree'.	The teacher will read an article on Raccoons. Later on, questions will be asked in context to the passage read.	Speaking topic - Justice To highlight points like what is justice? How to be just to others?	Write a paragraph about Swimming In not more than 70 - 80 words.	× ×	√ √
Unit -8 Books (poem) Going to buy a Book	5 5	2 2	3 3	4 4	1 1	Articles: Indefinite article (use of a, an) Definite article (Use of 'The') Fill in the blanks using the correct article. Circle the correct article	Comprehension passage titled the Clever Jackal.	Go for a morning walk. Listen to the sounds you hear like rustling of leaves, wind blowing, chirping of birds, sounds of footsteps etc.	Do you like to play and run about? Why? Running is a very good exercise. Name any three games that you play in which you have to run. When you run fast, what do you feel is happening to your body?	Diary Entry in not more than 50 words.	× ×	√ √
Unit -9 The Naughty Boy Pinocchio	5 5	2 2	3 3	5 4	1 1	Tenses: Present, Past and Future Tense	Read, 'Pinocchio'.	The teacher will narrate the story of The Naughty Boy	Have you seen people beating animals? What do you think of such people? Do you ever tease animals? Do you think you should be kind to animals? Tell your friends about some unusual pets you have seen.	Write the name of your favourite book. Also write a summary of the story.	× ×	√ √

HINDI
SYLLABUS & TEACHING PATTERN

पाठ्यपुस्तक - रिमझिम कक्षा-4

TERM – I

पाठ का नाम	शब्द-अर्थ	वाक्य रचना	बहुवैकल्पिक प्रश्न	लघुप्रश्न	दीर्घप्रश्न	व्याकरण	पठन कौशल	श्रवण कौशल	मौखिक कौशल	लेखन कौशल	P.A - 1	Term – 1
पाठ-1 मन के भोले-भालेबादल	5	5	4	2	2	लिंग बदलो	कविता के सस्वर वाचन की दोहराई	कविता के सस्वर वाचन द्वारा अर्थ ग्रहण।	छात्र कक्षा में वर्षा ऋतु पर चर्चा करेंगे	वर्षा ऋतु पर लेख	✓	
पाठ-2 जैसा सवाल वैसा जवाब	7	5	5	2	2	वचन बदलो	पाठ का पठन-पाठन	बीरबल से संबंधित कोई अन्य कहानी सुनाई जाएगी।	पाठ पर आधारित प्रश्न पूछे जाएँगे।	पाठ से प्राप्त शिक्षा को अपने शब्दों में लिखना ।	✓	
पाठ-3 किरमिच की गेंद	6	5	5	2	2	भाषा, लिपि और व्याकरण	कठिन-शब्दों के उच्चारण की दोहराई	छात्र पाठ को ध्यानपूर्वक सुनेंगे।	पाठ पर आधारित प्रश्न पूछे जाएँगे।	'खेलों के महत्व' का वर्णन।		✓
पाठ-4 पापा जब बच्चे थे	5	5	5	3	1	संज्ञा तथा उसके भेद	पाठ के मुख्य अंशों को पढ़ाया जाएगा।	कठिन शब्दों के उच्चारण द्वारा अभ्यास कार्य	जीवन के लक्ष्य के बारे में परिचर्चा।	अनुच्छेद लेखन		✓
पाठ-5 दोस्त की पोशाक	5	5	5	3	1	विलोम शब्द	पाठ का वाचन करवाया जाएगा।	छात्र कहानी सुनकर शिक्षा ग्रहण करेंगे।	चित्र द्वारा कहानी बुनना।	पाठ में दिए मूल्यों को अपने शब्दों में लिखना।		✓
पाठ-6 नाव बनाओ नाव बनाओ	5	4	4	3	1	अनेक शब्दों के लिए एक शब्द	कविता का सस्वर वाचन	कविता का सस्वर वाचन कर मौखिक रूप से याद किया जाएगा।	कविता का सार।	औपचारिक पत्र –लेखन		✓
पाठ-7 दान का हिसाब	7	4	5	2	2	सर्वनाम व उसके भेद	कहानी का पठन-पाठन	पाठ पर आधारित चित्र दिखाए जाएँगे।	पाठ से संबंधित किसी कहानी का वर्णन।	'लालच बुरी बला' पर आधारित कोई कहानी।		✓

TERM – II

पाठ का नाम	शब्द-अर्थ	वाक्य रचना	बहुवैकल्पिक प्रश्न	लघुप्रश्न	दीर्घप्रश्न	व्याकरण	पठन कौशल	श्रवण कौशल	मौखिक कौशल	लेखन कौशल	P.A - 2	Term - 2
पाठ-8 कौन ?	5	4	4	3	2	पर्यायवाची शब्द	कविता का सस्वर वाचन	कविता के सस्वर वाचन से अर्थ ग्रहण।	छात्र कक्षा में चूहों के द्वारा की जाने वाली शैतानियों के बारे में बताएँगे।	परोपकार पर अनुच्छेद –लेखन	✓	
पाठ-9 स्वतंत्रता की ओर	6	6	5	3	2	समानार्थी शब्द	पाठ का पठन-पाठन	छात्रों को गाँधी जी की जीवन कथा सुनाई जाएगी।	पाठ पर आधारित प्रश्न-उत्तर पूछे जाएँगे।	पाठ से प्राप्त शिक्षा को अपने शब्दों में लिखेंगे।	✓	
पाठ-10 थप्प रोटी थप्प दाल	6	6	5	1	2	मुहावरे	कठिन-शब्दों के उच्चारण की दोहराई	छात्र पाठ का श्रवण करेंगे।	कक्षा में खेलों के महत्व पर परिचर्चा	खेलों के महत्व पर लेख।		✓
पाठ-11 पढ़कू की सूझ	4	4	5	2	2	काल	छात्र कविता का सस्वर वाचन करेंगे।	छात्र कविता को सुनकर मौखिक रूप से याद करेंगे।	छात्र पाठ को अपने शब्दों में वर्णित करेंगे।	अनुच्छेद-लेखन		✓
पाठ-12 सुनीता की पहिया कुर्सी	4	3	5	2	2	विशेषण	पाठ का वाचन करवाया जाएगा।	छात्र पाठ को ध्यानपूर्वक सुनकर अर्थ ग्रहण करेंगे।	पाठ में दिए नैतिक मूल्यों पर कक्षा में परिचर्चा	दिव्यांगता पर अनुच्छेद लेखन		✓
पाठ-13 हुदहुद	4	4	5	2	3	शब्द एक अर्थ अनेक	पाठ का वाचन करवाया जाएगा।	कठिन शब्दों का उच्चारण व अर्थ ग्रहण।	पक्षियों से संबंधित अपने अनुभव बताएँगे।	अनौपचारिकता पत्र –लेखन		✓
पाठ-14 मुफ्त ही मुफ्त	4	4	5	3	1	क्रिया	लोककथा का पठन-पाठन करवाया जाएगा।	लोककथा का श्रवण किया जाएगा।	नारियल के प्रयोग पर चर्चा	सत्संगति पर आधारित कोई कहानी।		✓

PUNJABI
SYLLABUS & TEACHING PATTERN

ਪਾਠ-ਪੁਸਤਕ :- ਪੰਜਾਬੀ ਪੁਸਤਕ (4) ਪਹਿਲੀ ਭਾਸ਼ਾ
ਪ੍ਰਕਾਸ਼ਕ :- ਪੰਜਾਬ ਸਕੂਲ ਸਿੱਖਿਆ ਬੋਰਡ

TERM - I

ਪਾਠ ਦਾ ਨਾਂ	ਸ਼ਬਦ ਅਰਥ	ਵਾਕ ਬਣਾਓ	ਅਤਿ ਛੋਟੇ ਪ੍ਰਸ਼ਨ	ਛੋਟੇ ਪ੍ਰਸ਼ਨ	ਵੱਡੇ ਪ੍ਰਸ਼ਨ	ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ	ਵਿਆਕਰਨ	ਪੜ੍ਹਨ ਕੌਸ਼ਲ	ਸੁਣਨ ਕੌਸ਼ਲ	ਬੋਲਣ ਕੌਸ਼ਲ	ਲਿਖਣ ਕੌਸ਼ਲ	P.A - 1	Term - 1
1. ਪ੍ਰਾਰਥਨਾ (ਕਵਿਤਾ)	9	6	5	-	1	-	ਲਿੰਗ ਬਦਲੇ	ਅਣਡਿੱਠਾ ਪੈਰਾ	-	ਕਵਿਤਾ ਪੜ੍ਹੋ	-	✓	×
2. ਨਿੱਕੀ ਜਿੰਦ-ਵੱਡੀ ਸੋਚ	5	5	5	5	-	-	ਵਿਰੋਧੀ ਸ਼ਬਦ	ਪਾਠ ਪੜ੍ਹੋ	-	-	(ਲੇਖ) ਸਵੇਰ ਦੀ ਸੈਰ	✓	×
3. ਬਾਲ ਸੁਖਦੇਵ	7		5	5	1	-	ਮੁਹਾਵਰੇ	ਪਾਠ ਪੜ੍ਹੋ	ਦੇਸ਼ ਭਗਤਾਂ ਬਾਰੇ ਦੱਸੋ	ਦੇਸ਼ ਭਗਤਾਂ ਦੇ ਨਾਂ ਬੋਲੋ	ਦੇਸ਼ ਭਗਤਾਂ ਦੇ ਨਾਂ ਲਿਖੋ।	×	✓
4. ਹਾਥੀ (ਕਵਿਤਾ)	-	-	5	5	-	-	ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ	ਕਵਿਤਾ ਪੜ੍ਹੋ	ਜਾਨਵਰਾਂ ਬਾਰੇ ਗੱਲ ਕਰੋ	ਜਾਨਵਰਾਂ ਬਾਰੇ ਬੋਲੋ	ਹਾਥੀ ਤੇ ਦਸ ਵਾਕ ਲਿਖੋ।	×	✓
5. ਵੀਰੂ ਤੇ ਮੰਗੂ	-	5	5	5	-	-	-	ਪਾਠ ਪੜ੍ਹੋ	-	-	ਮੇਰਾ ਪਿੰਡ / ਸ਼ਹਿਰ ਬਾਰੇ ਲਿਖੋ	×	✓
6. ਗੁਟਰ-ਗੁੰ ਗੁਟਰ-ਗੁੰ (ਕਵਿਤਾ)	2	-	5	5	-	-	ਨਾਂਵ	ਕਵਿਤਾ ਪੜ੍ਹੋ	ਪੰਛੀਆਂ ਬਾਰੇ ਦੱਸੋ	-	ਦਸ ਪੰਛੀਆਂ ਦੇ ਨਾਂ ਲਿਖੋ	×	✓
7. ਨਾਨੀ ਦੀ ਸਿੱਖਿਆ	5	5	5	5	-	-	ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ	ਪਾਠ ਪੜ੍ਹੋ	ਨਾਨਕਿਆਂ ਬਾਰੇ ਦੱਸੋ	-	ਛੁੱਟੀ ਲੈਣ ਲਈ ਅਰਜ਼ੀ	×	✓
8. ਬੁੱਝ ਤੂੰ ਮੇਰੀ ਬਾਤ (ਕਵਿਤਾ)	6	5	5	5	-	-	ਅਸ਼ੁੱਧ- ਸ਼ੁੱਧ	ਪਾਠ ਪੜ੍ਹੋ	ਵਿਗਿਆਨ ਦੀਆਂ ਕਾਢਾਂ ਬਾਰੇ ਦੱਸੋ	-	ਕੰਪਿਊਟਰ (ਲੇਖ)	×	✓
9. ਕਬੱਡੀ	7	8	5	5	-	-	ਬੋਲੀ	ਪਾਠ ਪੜ੍ਹੋ	ਖੇਡਾਂ ਬਾਰੇ ਦੱਸੋ	ਖੇਡਾਂ ਦੇ ਨਾਮ ਦੱਸੋ	ਮੇਰੀ ਮਨਪਸੰਦ ਖੇਡ (ਲੇਖ)	×	✓
10. ਈਦ	-	5	5	5	-	-	ਵਚਨ ਬਦਲੋ	ਪਾਠ ਪੜ੍ਹੋ	ਤਿਉਹਾਰਾਂ ਬਾਰੇ ਦੱਸੋ	ਤਿਉਹਾਰਾਂ ਦਾ ਮਹੱਤਵ	ਕਹਾਣੀ	×	✓
11. ਮੇਰੇ ਨਿਸ਼ਾਨੇ (ਕਵਿਤਾ)	-	5	5	5	-	-	ਵਿਸਰਾਮ ਚਿੰਨ੍ਹ	ਕਵਿਤਾ ਪੜ੍ਹੋ	ਬੱਚਿਆਂ ਤੋਂ ਉਦੇਸ਼ ਪੁੱਛੋ	ਦੇਸ਼ ਭਗਤਾਂ ਦੀਆਂ ਗੱਲਾਂ ਦੱਸੋ	-	×	✓

TERM - II

ਪਾਠ ਦਾ ਨਾਂ	ਸ਼ਬਦ ਅਰਥ	ਵਾਕ ਬਣਾਓ	ਅਤਿ ਛੋਟੇ ਪ੍ਰਸ਼ਨ	ਛੋਟੇ ਪ੍ਰਸ਼ਨ	ਵੱਡੇ ਪ੍ਰਸ਼ਨ	ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ	ਵਿਆਕਰਨ	ਪੜ੍ਹਨ ਕੌਸ਼ਲ	ਸੁਣਨ ਅਤੇ ਬੋਲਣ ਕੌਸ਼ਲ	ਲਿਖਣ ਕੌਸ਼ਲ	P.A - 2	Term - 2
12. ਸਾਡੇ ਰੁੱਖ	8	5	5	6	-	-	ਵਚਨ ਬਦਲੋ	ਪਾਠ ਪੜ੍ਹੋ	ਰੁੱਖਾਂ ਬਾਰੇ ਦੱਸੋ	ਰੁੱਖਾਂ ਦੇ ਮਹੱਤਵ ਬਾਰੇ ਲਿਖੋ	✓	×
13. ਮੱਘੂ ਮਗਰ-ਮੱਛ ਤੇ ਪੰਛੀ	8	5	5	5	-	-	ਨਾਂਵ	ਪਾਠ ਪੜ੍ਹੋ	ਦੰਦਾਂ ਦੀ ਸੰਭਾਲ ਬਾਰੇ ਦੱਸੋ	ਦਿਵਾਲੀ(ਲੇਖ)	✓	×
14. ਮੇਰਾ ਪੰਜਾਬ	8	5	5	5	-	-	ਪੜਨਾਂਵ	ਪਾਠ ਪੜ੍ਹੋ	ਇਤਿਹਾਸਕ ਸਥਾਨਾਂ ਬਾਰੇ ਦੱਸੋ	ਪੰਜਾਬ ਦੇ ਸ਼ਹਿਰਾਂ ਬਾਰੇ ਲਿਖੋ	×	✓
15. ਪਾਣੀ (ਕਵਿਤਾ)	9	-	5	5	-	-	ਸ਼ਬਦ ਦੀ ਪਰਿਭਾਸ਼ਾ	ਕਵਿਤਾ ਪੜ੍ਹੋ	ਪਾਣੀ ਦੀ ਵਰਤੋਂ	ਬਿਮਾਰੀ ਦੀ ਛੁੱਟੀ ਲਈ ਅਰਜ਼ੀ	×	✓
16. ਆਓ ਤੇ ਜਾਓ	5	-	5	5	-	-	ਲਿੰਗ ਬਦਲੋ,	ਕਵਿਤਾ ਪੜ੍ਹੋ	-	ਚਾਚੇ ਦੇ ਵਿਆਹ ਲਈ ਅਰਜ਼ੀ	×	✓
17. ਮਾਤਾ ਗੁਜਰੀ ਜੀ	14	5	5	5	-	-	-	ਪਾਠ ਪੜ੍ਹੋ	-	ਚਿਤਰ ਵਰਨਣ	×	✓
18. ਬਾਲ ਬੋਲੀਆਂ	5	-	5	5	-	-	ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹ	ਪਾਠ ਪੜ੍ਹੋ	ਚੰਗੀਆਂ ਤੇ ਬੁਰੀਆਂ ਆਦਤਾਂ ਬਾਰੇ ਦੱਸੋ	ਪੰਜ-ਪੰਜ ਚੰਗੀਆਂ ਤੇ ਬੁਰੀਆਂ ਆਦਤਾਂ ਲਿਖੋ	×	✓
19. ਬਾਬੇ ਭਕਨੇ ਦੀਆਂ ਪਿਆਰੀਆਂ ਗੱਲਾਂ	10	6	5	5	-	-	ਵਿਰੋਧੀ ਸ਼ਬਦ,	ਪਾਠ ਪੜ੍ਹੋ	-	ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ(ਲੇਖ)	×	✓
20. ਮਿਹਨਤ ਦਾ ਮੁੱਲ	8	5	5	5	-	-	ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ	ਪਾਠ ਪੜ੍ਹੋ	ਮਿਹਨਤ ਦਾ ਮੁੱਲ ਤੇ ਕੋਈ ਕਹਾਣੀ ਸੁਣਾਓ	ਮਿਹਨਤ ਦਾ ਫਲ ਤੇ ਲਿਖੋ ਕਹਾਣੀ	×	✓
21. ਪਤੰਗ ਚੜ੍ਹਾਈਏ (ਕਵਿਤਾ)	-	-	5	5	-	-	ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ	ਕਵਿਤਾ ਪੜ੍ਹੋ	ਰੁੱਤਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ	ਬਸੰਤ ਰੁੱਤ ਦਾ ਮਹੱਤਵ	×	✓

MATHEMATICS SYLLABUS & TEACHING PATTERN

Text: MATH -MAGIC – Book 4 – NCERT

TERM – I

Chapter/ Unit	Definitions	Formulas	One Mark Questions	Short Answer Questions (2 marks)	Short Answer Questions (3 marks)	Long Answer Questions (4 marks)	Course Structure	Activity	Diagrams	Pie-Charts	Project Work	P.A - 1	Term - 1
1. Building with Bricks	-	-	3	1	1	-	* Identify and extend patterns based on shapes and numbers. * Use the concept of place value in 4-digit numbers. * Recognize and recreate patterns observed in surroundings.	* Draw a brick wall pattern: 1. using bricks of the same shape 2. using bricks of at least three different shapes.	*Brick faces *Brick patterns	-	-	✓	✓
2.Long and Short	-	-	3	1	1	2	* Estimating Length, * Measuring Length * Conversion between Units of Length. * Addition and Subtraction of Length. * Problem Solving	* Group Activity – Measuring small lengths using the measuring tape.	-	-	-	✓	✓
3. A Trip to Bhopal	-	-	2	-	1	1	* Perform calculations mentally by observing number patterns.* Solve story problems based on basic operations.	* Which boat do we take? (Page no 31 – NCERT)	-	-	-	×	✓
4. Tick – Tick - Tick	-	-	4	1	1		*Reading the clock. * How long does it take? * Story problems on Time. * Finding the number of days. * Time line	* Just a Minute! (Page no 40 – NCERT)	* Draw a clock and show the time.	-	-	×	✓
5. The Way the World Looks.	-	-	-	-	-	-	* Draw and identify the different views such as side, top and front view of an object. *Navigate through a map based on the directions given.	* Dice Making- (Page no 59- NCERT)	* Drawing a cube, cuboid.	-	-	×	×
6. The Junk Seller	-	-	3	1	2	1	* Perform calculations mentally by observing number patterns.* Solve story problems based on basic operations.	* Fill my diary (Page no 67-68 NCERT)		-	-	×	✓
7. Jugs and Mugs	-	-	3	1	1	1	*Estimation and Conversion. * Measuring Liquids. * Determine sums and differences of volumes. * Identify the appropriate unit which can be used to measure a specific capacity.	* Making your own measuring bottle (Page no 76 – NCERT)	-	-	-	×	✓
10. Play with Patterns	-	-	2	1	1	-	* Patterns with shapes. * Patterns with numbers * Patterns with letters * Tiles and floor patterns	* Sending secret messages (Page no 115 – NCERT)	* Various shapes and patterns.	-	-	×	✓

TERM - II

Chapter/Unit	Definitions	Formulas	One Mark Questions	Short Answer Questions (2 marks)	Short Answer Questions (3 marks)	Long Answer Questions (4 marks)	Course Structure	Activity	Diagrams	Pie-Charts	Project Work	P.A - 2	Term - 2
4. Tick – Tick - Tick	-	-	3	1	-	-	*Reading the clock. * How long does it take? * Story problems on Time. * Finding the number of days. * Time line	* Just a Minute! (Page no 40 – NCERT)	* Draw a clock and show the time.	-		×	✓
8. Carts and Wheels.	-	-	3	1	2	-	* Draw a circle free hand and with compass. * Identify the centre, radius and diameter of a circle. * understand the relationship between radius and diameter of a circle and find one when another is given.	* Find the centre of a circle by paper folding and verify that the length of all the radii of a circle is the same.	*Circle and its parts. -	-	-	✓	✓
9. Halves and Quarters	-	-	4	1	1	1	* Fraction of a whole * Fraction of a collection. * Identify half, one-fourth and three- fourths of a whole and a collection.	* Many shapes from a half sheet. (Page no 96 – NCERT)	* Fractions - Shading	-	-	✓	✓
11. Tables and Shares	-	-	4		2	2	* Exploring Multiplication tables * Division Strategies *Add and split multiplication statements to find the product of two numbers.	* Sea Shells (Page no 125 – NCERT)	-	-		×	✓
12. How Heavy? How Light?	-	-	3	1	1	1	*Estimate the weight of an object. * Conversion of weight * Identify the appropriate unit used to measure the weight of an object.	* Am I fit or fat? (Page no 147 – NCERT)	-	-	-	×	✓
13. Fields and Fences.	-	-	3	1	1	1	*Calculate the length of the boundary of different shapes. * Calculate the space covered (area) by different shapes or objects.	* Find out the length of the boundary of the shapes using a thread. (Page no 153 – NCERT)	*Miscellaneous shapes	-	-	×	✓
14. Smart Charts	-	-	-	-	1	1	* Draw inferences from the data represented by a tabular list and a pictograph. * Represent the given data in the form of a pictograph.	* Collect data and prepare a pictograph based on the number of birthdays occurring in different months of the year.	* Drawing Pictographs	-	-	×	✓

SCIENCE
SYLLABUS & TEACHING PATTERN

Text: Science Outlook 4 (Eduline Publishers)

TERM – I

Chapter/Unit	Glossary Words	Statement based Questions	One Mark Questions	Short Answer Questions	Long Answer Questions	Diagrams	Activity	Practical To be shown/done in the class	Lab/Field/ Activity	Case-Studies	PA - 1	Term - 1
Chapter- 1 Interdependence of Plants and Animals	4	4	10	5		2	With the help of leaf , demonstrating its different parts.	Making a food chain with the help of students.	To show different types of leaves.	-	√	√
Chapter- 2 Plants Adaptation	5	5	10	5	4	-	Showing flash cards of different types of plants.	-	Documentary film on insectivorous plants.	-	√	√
Chapter-3 Animals : Life Cycle	5	5	10	3	4	3	Discussion on life cycle of some common animals.	-	Chart on animals and their young ones	-	×	√
Chapter-4 Adaptation in Animals	5	5	10	4	4	-	Images of the animals to be shown and their special features will be discussed.	-	Discussion on how animals are endangered and how they will become extinct.	-	×	√
Chapter-11 Force , Work and Energy	5	5	5	4	3	5	-	To identify the given specimen as a type of simple machine	To prove screw is like an inclined plane.	-	×	√
Chapter-12 Heat Energy	5	5	10	5	4	2	Showing condensation, sedimentation, decantation and filtration.	To show the image of water cycle and to explain the process in detail	-	-	×	√
Chapter- 13 Space Science	5	5	10	4	3	2	An activity on how day and night are caused.	Role play by the students given on different topics of the chapter	-	-	×	√

TERM – II

Chapter/Unit	Glossary Words	Statement based Questions	One Mark Questions	Short Answer Questions	Long Answer Questions	Diagrams	Activity	Practical To be shown/done in the class	Lab/Field/ Activity	Case-Studies	P.A - 2	Term – 2
Chapter –5 Soil	4	4	10	5	4	1	Showing different types of soil	-	A test to observe how much water different types of soils retain - sand, loam and clay.	-	√	√
Chapter- 6 Circulatory and Excretory Systems	4	4	8	2	2	1	Showing charts of excretory and circulatory system	-	To count average number of heart beats per minute.	-	×	√
Chapter-7 Food and Nutrition	5	5	10	6	4	-	Identify and paste/draw any two food items rich in protein source each from plant as a source and also from animal as a source.	Salad making activity.	-	-	√	√
Chapter- 8 Teeth and Digestive System	10	10	10	5	3	4	To make a concept map on Teeth.	To teach proper technique of brushing of teeth and oral care.	-	-	×	√
Chapter- 9 Clothes and Fabrics	5	5	10	4	2	-	Weaving with the help of colour sheets or threads.	To identify different types of clothes whether they are made of plant, animal or synthetic fibres.	Collect 5 different types of clothes and paste it in scrapbook.	-	×	√
Chapter-10 Matter: Solids, Liquids and Gases	10	10	10	5	4	2	To identify whether the given substance is a solid or liquid and also whether it is soluble in water or not.	Making sugar and salt solution in class	-	-	×	√
Chapter- 14 Green Steps with Science	5	5	5	4	1	-	-	Organizing an activity to make attractive paper bags from old newspapers to be used as carry bags.	Poster making on 3Rs	-	×	√

SOCIAL SCIENCE
SYLLABUS & TEACHING PATTERN

Text: Explore Our World – A Book of Social Studies - 4 (Eduline)

TERM – I

Chapter/Unit	Glossary	One-mark	Short Answer	Long Answer Questions	Map Work	Activity	Diagrams	Project Work	P.A - 1	Term – 1
1.Globes	6	5	2	1	–	Find different continents on Globe	Grid lines of longitude and latitude	Model of Earth showing important Latitudes and Longitudes	√	×
2. Maps	9	5	2	1	–	Chart on Types of Maps	Draw symbols used in the map	Write about the common scheme of colours used in maps.	√	×
3.Our Country and Its Neighbours	5	5	2	2	Mark the Neighbouring Countries of India on the Political Map of India	Documentary On Neighbouring Countries	–	Write Five lines on any three neighbouring countries of India and its relations.	√	×
4.The Northern Mountains	4	5	3	3	Locate on political map of India - Northern Mountain Range, Kanchenjunga peak	–	–	Model on the physical features of India.	×	√
5. The Northern Plains	6	5	4	2	Locate Northern Plains of India on Political Map of India	Documentary on importance of Northern Plains			×	√
6.The Great Indian Desert	7	5	2	1	Locate Thar Desert on political map of India		–	Make a scrap book on various kinds of Desert plants	×	√
7. The Southern Plateaus	3	5	1	2	Locate Peninsular Plateau on political map of India	Discussion on division of Southern Plateau		Make a list of minerals found in Deccan Plateau	×	√
8.The Coastal Plains and the Islands	4	5	1	2	Locate on political map of India - coastal plains and islands of India	–	–	Find about the famous tourist destinations which are located in the Andaman and Nicobar island. Paste them in your notebooks.	×	√
16.Our Rich Heritage	6	5	2	3	Locate Sanchi, Charminar, Taj Mahal and Sun Temple on political map of India.	Discussion on importance of Sun Temple and Sanchi Stupa		Make a list of different languages spoken in India	×	√
17.Transport and Communication	11	5	3	4	–	Documentary on importance of Transport and Communication	–	Make a chart on various kinds of means of transportation and its importance	×	√
21. Local Self - Government	4	5	2	3		Panchayat session in the class discussing about various steps of functions of Panchayat	–	Make a chart to show the different functions of a village panchayat.	×	√

TERM – II

Chapter/Unit	Glossary Words	One-mark Questions	Short answer Questions	Long answer Questions	Map Work	Activity	Diagrams	Project work	P.A - 2	Term – 2
19. Rights and Duties	3	5	4	2	-	Documentary on why and how Rights and Duties are important		Chart on Fundamental Rights and Duties	√	×
20. Government	4	5	4	3		Discussion on the functioning of Government in India		Chart on different levels of the Government	×	√
9. India: Climate	3	5	3	1	-	PPT on The Climate of India		Project reflecting various seasons of India.	×	√
10. Natural Resource: Forests	5	5	2	4	--	Paste different types of dry leaves on a scrapbook.	-	Names of flora and fauna of each of these forests found in India	×	√
11. Natural Resource: Soil	4	5	3	2	Locate on political Map of India - Types of Soils of India	-	-	Make a list of five different ways in which we can save soil erosion	√	×
12. Natural Resource: Water	5	5	4	3		Discussion on Perineal and Peninsular rivers of India		Make a list of five different ways in which we can save water.	×	√
13. Mineral Resources	3	5	5	2	Locate on political Map of India - Metallic and Non-metallic minerals India (States for Iron, Copper, Aluminium as metallic – Coal, Petroleum and mica for Non-metallic. One state for each category)	-	-	A project on food crops and cash crops that grow in India.	×	√
14. Agriculture	5	5	4	3	Locate on political map of India food crops grown in India – Wheat and Rice. (Two states each)	Discussion on Why Rice and Wheat is staple food of India		Make a scrap book on various kinds of food crops grown in India and their importance	×	√
15. Industries	3	5	4	3	Locate on political Map of India – Cotton Textile, Iron and Steel Industry, Ship Building (One state for each category)	Discussion on importance of Iron and Steel industry in India		Make a chart on different types of industries and location of their states	×	√
18. Kings, Queens and Rulers	6	5	3	4	Locate on political map of India – Malwa, Delhi, Agra and Jhansi			Make a scrap book by sticking pictures of Ashoka, Akbar, Jahangir, Shivaji and Rani Lakshmi Bai and write their achievements	×	√

INFORMATION TECHNOLOGY
SYLLABUS & TEACHING PATTERN

Text: Byte Code (Kips Publishers)

TERM-I

Chapter	Fill ups	Match the following	MCQ's	True/ False	Answer in one Word	Short Answer Questions	Label the Picture	Activity	Practical to be done	P.A 1	Term 1
L-1 Memory & Storage	2	2	2	1	3	2	-	Different types of memory	Memory and storage of computer	√	√
L-2 Understanding Windows 10	2	2	2	1	3	3	-	How to create files/folder? Features of Windows 7	How to work with files and folders?	-	√
L-3 Introduction to Internet	2	2	3	1	3	2	-	What is internet? Uses of Internet Email and Search Engines	How to search information on Internet? Setting Email Account	-	√
L-4 Formatting in Word	3	2	3	1	3	3	-	How to beautify the documents?	Changing Font type, Applying Bold, Italic and Underline. Alignment	-	√
Shortcut Keys	1-5	-	1-5	1-5	1-5	1-5	-	Functions of Shortcut keys	How to use shortcut keys?	√	√
IT Personalities	1-5	-	1-5	1-5	1-5	1-5	-	Famous IT Personalities	Inventions in IT	√	√
Abbreviations	1-5	-	1-5	1-5	1-5	1-5	-	Full Forms	Worksheets	√	√

TERM - II

Chapter	Fill ups	Match the following	MCQ's	True/ False	Answer in one Word	Short Answer Questions	Diagram	Activity	Practical to be done	P.A 2	Term 2
L-5 Working with Objects	3	2	3	1	3	3	-	Page Formatting Text Box Pictures	Inserting WordArt, ClipArt, Shapes etc. Drawing Tools	√	√
L-6 Introduction to PowerPoint	2	2	2	1	3	2	-	How to create Presentations?	Creating new presentations. Adding data to Slides	-	√
L-7 More about Scratch	2	2	2	1	3	2	-	Features of Scratch Adding new sprite	Using Scratch Software	-	√
L-8 IoT & Smart Homes	2	2	2	1	3	2	-	Introduction to IoT	Trending IoT enabled smart devices	-	√
Shortcut Keys	1-5	-	1-5	1-5	1-5	1-5	-	Functions of Shortcut keys	How to use shortcut keys?	√	√
IT Personalities	1-5	-	1-5	1-5	1-5	1-5	-	Famous IT Personalities	Inventions in IT	√	√
Abbreviations	1-5	-	1-5	1-5	1-5	1-5	-	Full Forms	Worksheets	√	√

ART & CRAFT SYLLABUS & TEACHING PATTERN

TERM – I

Exercise	Topic	Practical work	Material Required	Skills Acquired	Digital source	P.A – I	Term-1
Introduction of colours	Primary, Secondary and Tertiary colours	Make the colour wheel of tertiary colours	Art file, pencil, oil pastels, black sketch pen	Skills to create new colour shades, Line, shape, colour and mixing	E-Book and Related Video	×	×
Calligraphy	Creative calligraphy (Fun with alphabets)	Draw and colour alphabets (A-Z) with creative calligraphy	Art file, pencil, oil pastels, black sketch pen	Visualization, observation, imagination, creativity, drawing, critical thinking	Related Video	✓	×
Object based exercises	Still Life Pencil /colour shading	Draw and shade the given still life	Art file, 2B, 4B and 6B shading Pencils	Visualization, Drawing, pencil shading techniques, light/dark shades, perspective, 3D drawing,	E-Book and Related Video	✓	×
Geometrical pattern	Design	Draw and colour the given design	Art file, pencil, oil pastels, black sketch pen, scale	Measurement, shapes, forms, observation, creativity, drawing, balanced drawing and colouring	E-Book and Related Video	×	✓
Environment based exercises	Landscape/ Trees Cityscape/ Flowers/	Draw and colour the given landscape/ Cityscape	Art file, pencil, oil pastels, black sketch pen	landscape division, Imagination, creativity, observation, colouring, space utilization, perspective	E-Book and Related Video	×	✓
Human based exercises	Human Figures	Draw and colour the given human figure(s)	Art file, pencil colours, oil pastels, gel pen	human anatomy, Visualization, Drawing, colour mixing, light/dark shades, body division and proportion	E-Book and Related Video	×	✓
Pointillism	Stippling	Draw and colour the picture using stippling technique	Art file, sketch pens, pencil colours	Stippling, Creativity, imagination, critical thinking, light and dark shades	E-Book	×	✓
Experience based exercises (CRAFT)	Birthday cards	Make and decorate popup birthday card	Colourful sheets, scissors, glue, colour pens/pencils, decoration material	Handicraft skills, creativity, imagination, vocational and social skills	Related Video	×	×
	Paper Bag	Make and decorate a paper bag	Colourful sheets, scissors, glue, colour pens/pencils, ribbons /dories, decoration material	Handicraft skills, creativity, imagination, vocational and social skills	E-Book and Related Video	×	×
	Origami	Make the given object using origami sheets	Origami sheets, scale, sketch pen	Folding, measurements, Handicraft skills, creativity, imagination	E-Book	×	×
	Paper collage/ folding	Make the given craft using paper Tearing/ folding and pasting	Coloured/origami sheets, glue scissors	Handicraft skills, creativity, imagination, tearing, folding, measurements	E-Book and Related Video	×	×

TERM – II

Exercise	Topic	Practical work	Material Required	Skills Acquired	Digital source	P.A – 2	Term– 2
Tradition based exercises	Design (Mehndi /Rangoli design)	Draw and colour the given design	Art file, oil pastels, black gel pen	Cultural values, Indian art traditions, Line drawing, colouring and space utilization	E-Book and Related Video	✓	×
Value based exercises	Poster making/ Slogan	Make a poster with slogan	Art file, oil pastels, black gel pen	Calligraphy, Compositional skills, space utilization, creativity, social awareness, visualization, drawing, balanced colouring, space utilization	E-Book	✓	×
People based exercises	Composition	Draw and colour the given composition	Art file, water colours, brushes	Compositional skills, space utilization, Human anatomy, Visualization, Drawing, water colouring, light/dark shades, perspective	E-Book and Related Video	×	✓
Human based exercises	Portrait	Draw and colour the given portrait	Art file, oil pastels, black gel pen, pencil colours	Human facial features, division, proportion of a human head, creativity, observation, space utilization, perspective, effect of light on face, depiction of facial expressions	E-Book	×	✓
Object based exercise	Still Life (Vegetables/ Fruits)	Draw and colour the given still life	Art file, oil pastels, black gel pen	Visualization, Drawing, colour mixing, light/dark shades, perspective, 3D drawing	E-Book	×	✓
Environment based exercises	Birds and Animals	Draw the colour the given birds and animals	Art file, oil pastels, black gel pen, pencil colours	Body proportion, Imagination, creativity, observation, colouring and mixing, space utilization, perspective	E-Book and Related Video	×	✓
Experience based exercises (CRAFT)	Paper quilling	Make flowers/ design/ scenery with paper quilling	Colourful quilling sheets, scissors, glue, quilling tool	Handicraft skills, creativity, imagination	Related Video	×	×
	Mask making	Make the given mask	Colourful sheets, scissors, glue, colour pens/pencils, ribbons decoration material	Handicraft skills, creativity, imagination, cultural values, social skills	E-Book and Related Video	×	×
	Scratch painting	Make the given scratch painting	Cartridge sheet, oil pastels, scratch tool,	Scratching, creativity, imagination, critical thinking	E-Book	×	×
	Paper Craft	Make the given paper craft and decorate it	Colourful sheets, scissors, glue, ribbons, decoration material	Handicraft skills, creativity, imagination	Related Video	×	×

MUSIC SYLLABUS & TEACHING PATTERN

Term - I

Singing and vocal exercises	- Advanced vocal warm-up exercises (crescendo, diminuendo, breath control). - Learning folk, patriotic and modern songs in various languages. Songs: Paani by AR Rahman, Heal the world, Koshish karne waalon ki, The Mother Song.
Rhythm & Instrumental Skills	- Introduction to melodic instruments (recorder, keyboard basics).
Musical Theory & Notations	- Reading and writing basic musical notations on the staff.
Listening Activities	- Identifying different musical genres (folk, pop, classical).
Creative Activities & Performances	- Creating simple rhythmic patterns and melodies. - Performing in front of classmates.
Recorder	- Introduction to recorder and the basics. - Blowing and fingering techniques. - Learning to play B, A, G notes and applying the techniques to learn various short rhymes. - Etude for B, Hot Cross Buns, Mary Had A Little Lamb

Term - II

Singing and vocal exercises	- Introduction to dynamics and learning pronunciations. - Learning folk, patriotic and modern songs in various languages. Songs: Ode to Joy, Silent Night, Kithe paida hoye.
Rhythm & Instrumental Skills	- Understanding different time signatures (2/4, 3/4, 4/4).
Musical Theory & Notations	- Reading and writing basic musical notations on the staff. - Understanding note values, rests, time signatures.
Listening Activities	- Introduction to Indian and western classical composers.
Creative Activities & Performances	- Creating own songs (with provided specifics). - Performing in front of classmates.
Recorder	- Practicing Rhythm: Playing slowly and clearly before increasing speed. - Count beats while playing to stay in rhythm. - Learning to play F, E, D, C notes and applying the techniques to learn various short rhymes. - Songs: Happy Birthday, Jingle Bells, Wheels on the bus.

PHYSICAL EDUCATION
SYLLABUS & TEACHING PATTERN

TERM – I	TERM – II
1. General Warming Up and Cooling Down Exercise 2. Introduction of Importance of ‘Warming Up and Cooling Down’ Exercises. 3. Training for All Fundamental Skills of Football and Basketball. - Passing - Tackling - Dribbling - Ball control 4. Mass Drill and Callisthenic and Free Hand Exercise 5. Recreational Activities to Enhance Motor Skills, Mental Ability and Concentration, Team Activities. 6. Small games: - Football - Basketball - Dodge Ball - Yoga Poses - Relay in Group - Hurdle and Ladder Training 7. Height and Weight Measurement 8. BMI 9. Sit and Reach Test for Flexibility	1. Specific Warming Up and Cooling Down Exercise 2. Introduction of Different Types of ‘Warming Up and Cooling Down’ Exercises. 3. Execute the Skill of Basketball and Football in Game Situation. 4. Mass Drill and Callisthenic and Free Hand Exercise 5. Recreational Activities to Enhance Fine Skills, Mental Ability and Coordination, Team Activities. 6. Small games: - Football - Basketball - Dodge Ball - Yoga Poses - Relay in Group - Coordinative Ability Workout 7. Pull Ups 8. Push Ups for boys and Modified Push Ups for Girls