ARMY PUBLIC SCHOL, OAC CLASS -IV (2026-27)

1. Mathematics

* Numbers & Place Value: Numbers up to 5 and 6 digits, Indian and International place value systems, rounding off numbers, and Roman numerals.

* Basic Operations: Advanced addition, subtraction, long multiplication, and long division systems.

* Factors & Multiples: Conceptual understanding of factors, multiples, prime and composite numbers, HCF, and LCM.

* Fractions: Types of fractions (proper, improper, mixed), equivalent fractions, and basic operations on fractional numbers.

* Geometry & Measurement: Visualizing lines, line segments, rays, angles, and symmetry. Metric units for measuring length, mass, and capacity.

* Perimeter & Area: Fundamental perimeter formulas for rectangles and squares.

* Time, Money, & Data: Reading 24-hour clocks, calendar problems, basic currency conversions, and interpreting bar graphs or pictographs.

2. English

* Literature & Prose: Prescribed stories and poems (such as "Together We Can" and "The Twinkling Bells") focusing on comprehension, contextual vocabulary, and themes.

* Grammar:

• Nouns: Types (Common, Proper, Collective), Gender, Numbers (Countable & Uncountable), and Possessive forms.

• Other Parts of Speech: Pronouns, Adjectives (Types & Degrees of Comparison), Articles, and Verbs (Action, Helping).

• Tenses: Simple Present, Present Continuous, and introductory Past/Future structures.

* Writing & Reading Skills: Paragraph writing, formal letter writing, picture composition, and reading unseen passages.

3. Hindi (हिन्दी)

* साहित्य (Literature): कहानियाँ और कविताएँ (जैसे पाठ्यपुस्तक गुंजन या सारंगी से) जो नैतिक मूल्यों और पठन कौशल पर केंद्रित होती हैं.

* व्याकरण (Grammar):

• भाषा, लिपि और व्याकरण.

• संज्ञा, सर्वनाम, विशेषण, और क्रिया की पहचान व भेद.

• लिंग, वचन, विलोम शब्द, अनेक शब्दों के लिए एक शब्द, और मुहावरे.

* लेखन (Composition): रचनात्मक लेखन, चित्र वर्णन (Picture Description), अनुच्छेद लेखन, और अपठित गद्यांश (Unseen Passages).

4. Environmental Studies (EVS)

* Our Body & Health: Internal organs, functions of our body systems, sensory organs, dental care, and tongue mapping.

* Relationships & Society: Extended families, changing neighborhoods, civic communities, and social support systems.

* Flora & Fauna: Animal classification, birds (beaks, claws, and nesting habits), and parts/adaptations of the plant kingdom.

* Shelter & Resources: History of housing (houses then and now), neighborhood mapping, garbage disposal, and water purification/conservation.

5. Computer Science

* Hardware & Systems: Types of computers, input/output devices, and exploring storage memory.

* Operating Systems: Working within GUI environments and navigating desktop configurations (e.g., Windows 10).

* Creative Tools: Advanced features in software like Microsoft Paint, Tux Paint, or introductory block coding / AI tools.