

TightLip Academy

Master Curriculum: Class 4

India's Premium Online School | Shaping Analytical Minds

Contact: +91 95994 90296 | **Email:** support@tightliptraders.com
Website: www.tightliptraders.com | **Mode:** 100% Live Interactive Online

1. Mathematics & Applied Logic

Moving from basic arithmetic to analytical problem-solving. We train students to visualize mathematical concepts rather than memorize formulas.

- **Advanced Number Systems:** Mastery of large numbers (up to 6 digits/Lakhs), Indian vs. International numeral systems, and estimation.
- **Fractions & Decimals:** Understanding equivalent fractions, adding/subtracting like fractions, and an introduction to decimal notation.
- **Geometry & Spatial Sense:** Exploring angles, symmetry, 3D nets, and calculating Perimeter and Area of simple polygons.
- **Data & Patterns:** Analyzing bar graphs, pie charts, and deciphering complex logical patterns.
- **The TightLip Edge:** "Mental Gymnastics" - Vedic Math tricks for lightning-fast multiplication and division without pen and paper.

2. Environmental Sciences (EVS): The Living World

Transforming students into conscious global citizens by exploring how the Earth and society function.

- **Human Body Systems:** A deeper look into the digestive, respiratory, and circulatory systems. The science of nutrition and immunity.
- **Ecosystems & Habitats:** Understanding terrestrial and aquatic habitats, adaptation in animals, and the food web.
- **Earth & Resources:** Renewable vs. non-renewable resources, states of matter (evaporation/condensation), and the water cycle.
- **The TightLip Edge:** "Eco-Innovators" - Case studies on climate change and brainstorming real-world environmental solutions.

3. English Eloquence & Advanced Communication

Equipping students with a commanding vocabulary and the confidence to articulate their ideas powerfully.

- **Structural Grammar:** Mastery of Tenses (Past, Present, Future Continuous), Adverbs, Prepositions, and direct/indirect speech basics.
- **Literary Comprehension:** Reading complex narratives and poems, inferring meaning, and critical character analysis.
- **Expressive Authorship:** Writing structured diary entries, formal applications, and creative short stories with strong plots.
- **The TightLip Edge:** "TED-Style Talk Prep" - Training on body language, voice modulation, and delivering 2-minute independent speeches.

4. Hindi Sahitya (संस्कृत संस्कृत)

Ensuring cultural rootedness alongside exceptional academic fluency.

- **Advanced Vyakaran (Grammar):** Deep dive into Kaal (Tenses), Visheshan (Adjectives), Kriya (Verbs), and Viram Chinh (Punctuation).
- **Vocabulary Building:** Expanding vocabulary through Paryayvachi, Vilom, and Shruti-sambhinnarthak shabd (Homophones).
- **Creative Writing (Rachnatmak Lekhan):** Drafting Patra (Letters), Nibandh (Essays), and interpreting picture-based stories (Chitra Varnan).

5. TightLip Exclusive: "Junior Entrepreneurs" Module

A revolutionary curriculum module designed to build the mindset of future industry leaders and innovators.

- **Business & Finance 101:** What is a business? Understanding the basic concepts of Cost, Selling Price, Profit, and Loss through fun lemonade-stand simulations.
- **Algorithmic Thinking:** Introduction to block-coding concepts, step-by-step problem breakdown, and computational logic.
- **Digital Citizenry:** Safe internet browsing habits, understanding digital footprints, and online etiquette.

Note: This syllabus is strictly aligned with the latest NCERT & CBSE guidelines, heavily enhanced with TightLip's proprietary skill-building modules.