



ANVIKSHA

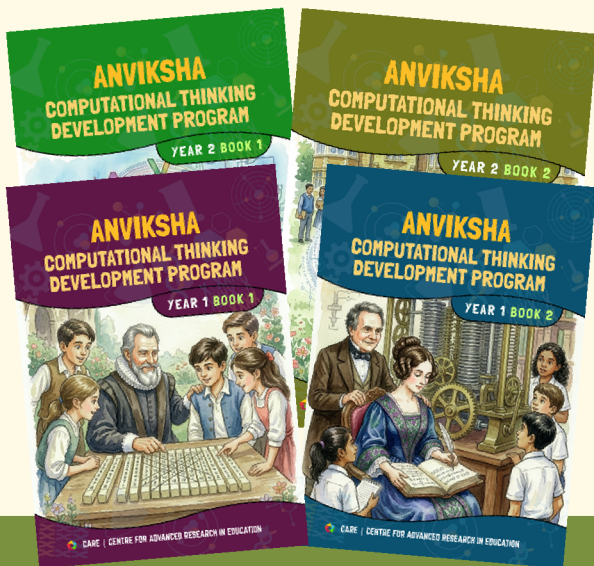
Computational Thinking
Foundation Program

For Classes 6, 7 & 8



**CARE – Centre for Advanced Research
in Education, Bengaluru**

Building Thinkers. Not Just Toppers.





ANVIKSHA – From Thinking to Structured Problem Solving

Think deeper. Solve smarter.

After building foundational thinking skills, the next step is to **structure that thinking into clear, logical systems.**

ANVIKSHA helps students transition from basic reasoning to algorithmic thinking, enabling them to design solutions, analyze problems, and think like real problem-solvers.



It is the bridge between *understanding and systematic problem-solving.*



Who Should Join?

- Students of Class 6, 7, 8
- Age group: 11–14 years
- Students who:
 - o Enjoy solving logical and analytical problems
 - o Want to go beyond basics into structured thinking
 - o Are interested in coding, algorithms, or problem solving
 - o Aspire for Olympiads and competitive exams



Program Overview

Feature	Details
 Duration	2 Years
 Books	4 (2 per year)
 Total Content	800+ Pages
 Chapters	~40
 Workbooks	2 (1 per year)
 Mode	Hybrid (Books + Online Support)



Core Focus of ANVIKSHA

- ✓ Abstract algorithms
- ✓ Pseudocode (thinking like a programmer without coding language barriers)
- ✓ Debugging (finding and fixing errors logically)
- ✓ Introduction to data structures



Students learn to design solutions, not just arrive at answers.

What Makes ANVIKSHA Unique?

-  No syntax-heavy coding confusion
-  No shortcut-based problem solving
-  Algorithm-first approach
-  Logical structuring of thought
-  Deep analytical skill development
-  Strong focus on clarity and correctness
-  Smooth transition toward real programming

How Concepts Are Taught

Each concept is introduced through:

-  Real-world problem scenarios
-  Step-by-step algorithm design
-  Pseudocode representation
-  Logical breakdown and case analysis
-  Debugging exercises

 Students don't just solve—they design, test, and refine solutions.



Workbooks – Where Thinking Becomes Skill

-  2 structured workbooks (1 per year)
- Designed to develop:
 - o Algorithmic thinking
 - o Analytical depth
 - o Logical precision
 - o Problem-solving discipline
- ✓ Includes BCC-style challenges
- ✓ Encourages multi-step thinking

Assessment & Evaluation

-  3 Periodical Tests per year (every 2 months)
-  1 Final Test (annual)
- 👉 **Total: 8 tests across 2 years**
-  Detailed Performance Analysis Report
- ✓ Strengths identified
- ✓ Weak areas highlighted
- ✓ Improvement strategy provided

Dedicated Academic Support

 Doubt-solving support via:

 WhatsApp  Email

👉 Every doubt is resolved with structured explanations

Inside Every Chapter

- ✓ Algorithm design exercises
- ✓ Pseudocode examples
- ✓ Debugging challenges
- ✓ Logical reasoning problems
- ✓ Structured problem sets
- ✓ Application-based questions

Aligned with CBSE / NCERT Framework

ANVIKSHA aligns with CBSE's Computational Thinking integration and NCERT competencies, covering:

- ✓ Decomposition (complex problem breakdown)
- ✓ Pattern Recognition (advanced patterns & trends)
- ✓ Abstraction (removing unnecessary details)
- ✓ Algorithmic Design (structured procedures)
- ✓ Debugging (systematic error detection)
- ✓ Logical Reasoning (AND/OR/NOT, decision logic)
- ✓ Data Representation (tables, graphs, logical structures)

 Ensures strong academic alignment with future-ready skills

Why ANVIKSHA is Essential Today

Students at this stage often:

-  Solve without structure
-  Struggle with multi-step problems
-  Lack clarity in expressing solutions

 This limits success in advanced mathematics, coding, and competitions

 **ANVIKSHA Solves This By:**

-  Teaching structured thinking
-  Developing algorithmic clarity
-  Building precision in problem solving
-  Strengthening logical communication

Long-Term Benefits

Students who complete ANVIKSHA:

-  Think algorithmically
-  Approach problems with clarity and structure
-  Build a strong base for:
 - Coding & programming
 - Olympiads & logical competitions
 - Advanced mathematics
 - Future computer science learning

Fee Structure

- **One-Time Payment: ₹12,000**
- **Yearly Payment: ₹7,500**

Important Dates

 Admissions Close: **June 30, 2026**

 Course Begins: **July 1, 2026**

 Books Dispatch: **First Week of July**

Designed by Experts

Developed by experienced educators to ensure:

- ✓ Conceptual depth
- ✓ Logical rigor
- ✓ Student-friendly progression
- ✓ Strong academic relevance

Final Thought

Clear thinking leads to powerful solutions.

Enroll Now – Limited Seats

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