




The Student Achievement Institute aims to cultivate self-directed learners who demonstrate intellectual curiosity and a commitment to environmental stewardship.

Each domain is distinct yet deeply interwoven:

-  **Reading** builds vocabulary, comprehension, and exposure to structure.
-  **Writing** allows for expression, synthesis, and reflection.
-  **Speaking** fosters fluency, oral language development, and real-time processing.

The central overlap where all three meet is where deep literacy lives: the ability to interpret, express, and communicate ideas across modalities.

Language Arts

Proficiency in language use is assessed by their attainment of the learning outcomes.

The following areas are included in language learning:

- Listening and Viewing
- Reading and Viewing
- Speaking and Representing
- Writing and Representing
- Grammar
- Vocabulary

Math

Proficiency in mathematics is assessed by their attainment of the learning outcomes.

Support for Mathematics

Lower Grades

At the lower primary levels, the math program focuses on building a strong foundation in basic numeracy skills. It provides targeted support and intervention for students who require additional help in understanding core mathematical concepts and skills.

Middle and Upper Grades

In middle primary, the program provides targeted support to help students consolidate their understanding of previously introduced mathematical concepts.

- Kindergarten: Students are introduced to basic counting, shapes, and patterns through hands-on activities and games.
- Grades 1-2: The curriculum focuses on building number sense, addition and subtraction skills, and measurement concepts using visual aids and manipulatives.
- Grades 3-5 (Middle Primary): Targeted support helps students strengthen their grasp of multiplication, division, fractions, and problem-solving strategies.
- Grades 6-8 (Middle School): Learners explore more advanced topics such as decimals, percentages, geometry, data interpretation, and introductory algebra, with a focus on connecting math to real-life situations.
- Grades 9-10 (Early High School): Instruction covers algebraic reasoning, linear equations, graphing, probability, and statistics, encouraging critical thinking and analytical skills.
- Grades 11-12 (Senior High School): The program prepares students for post-secondary study or careers by offering calculus, advanced statistics, trigonometry, and discrete mathematics, along with opportunities for independent research and application.

Teaching Approach

Teachers and students achieve their objectives through small group teaching, allowing for focused instruction and more individualized attention to the learning needs of each student.

Science Grades K-12

Science education is central to the framework. The outermost layer illustrates three key domains: core ideas, practices, and values. Collectively, these elements form a comprehensive and holistic science curriculum.