



GRADE 1-3 CURRICULUM

Shaping Bright Futures: An Overview of Our Innovative Curriculum



In Grades 1-3, learners build on their early foundations by developing strong thinking, reasoning, and problem-solving skills. Through engaging, hands-on activities, children learn how to think logically, work systematically, and approach challenges with confidence.

Algorithms

Learners are taught how to create and follow step-by-step instructions to complete tasks and solve problems. This strengthens planning skills, organisation, and independence, both in the classroom and in everyday life.

Logical Thinking

Learners learn to use logic and reasoning to make decisions, identify patterns, and solve problems. Games, puzzles, and group activities help learners think critically and explain their thinking clearly.

Decomposition

Learners practice breaking down larger problems into smaller, manageable parts. This skill supports problem-solving across all subjects and helps learners feel more confident when tackling new or challenging tasks.

Evaluation

Learners are encouraged to check their work, see what worked well, and identify areas for improvement. This develops self-reflection, perseverance, and a growth mindset, helping learners take pride in their progress.

Abstraction

Learners learn to focus on important information while ignoring unnecessary details. This supports comprehension, summarising, and identifying key ideas – essential skills for reading, mathematics, and real-world problem solving.

If & then Statements

Through games, stories, and practical examples, learners explore cause-and-effect thinking using "if this happens, then that happens." This builds decision-making skills and helps learners understand consequences and logical sequences.

Patterns

Learners recognise, describe, and create patterns using numbers, shapes, movements, and sounds. Pattern work strengthens mathematical understanding, prediction skills, and logical thinking.

Coding with Novice Bots

Using beginner-friendly robots and programmable tools, learners learn how to give clear, step-by-step instructions to achieve a desired outcome. By planning routes, predicting results, and correcting mistakes, learners develop algorithmic thinking, perseverance, and teamwork.

Contact us for a detailed guide or to schedule a visit. Join us in nurturing the next generation of leaders, thinkers, and innovators.

