

A Star Lab Graduate draws upon extensive background knowledge in each subject to...

Read fluently and critically –

PRIMARY DELIVERABLE



Cultivate empathy and imagination, seek out information, make sense of author's purpose or agenda, and evaluate resource's utility.

Write clearly and capably



Write to share stories and convey information. Demonstrate organizational and analytical skills, as well as knowledge of conventions.

Solve mathematical problems flexibly



Approach problems from multiple angles and choose the most effective/efficient strategy.

Engage globally and locally



Understand aspects of culture; recognize that differences can be a source of strength. Understand what makes the United States unique and what practices and principles are necessary to sustain democracy.

Reason scientifically



Use scientific method to pose testable questions and design experiments to assess predictions. Thinks critically about assertions and begins to understand the confounding factors that might distort results.

Optimize physical health & wellness



Know the expectations and be able to participate in preferred sports and activities. Display motor skills, social skills, and teamwork.

Design and Implement Solutions



Identify problems or opportunities for improvement. Develop and launch a plan to address them. Gather feedback to monitor success of efforts and adapt plan as needed.

Develop self-knowledge



Recognize own thought patterns; identify own emotions, as well as their intensity. Know and use strategies to self-regulate.

Manage attention



Successfully use skills (exercise, music, breaks, environmental setup) to maintain attention and focus, even on non-preferred tasks.

Express ideas confidently



Draw upon knowledge and reasoning to make well-supported arguments. Respond with appropriate tone and relevant content in writing or in conversation.

Navigate conflict



Use skills of civil discourse to find common ground and understand different points of view. Learn and use skills to repair and restore relationships.

Collaborate effectively



Understand that we can accomplish more with others, and use skills to foster conversation, develop a shared purpose, and progress toward a goal.