

STEM Learner Profile

The aim of a STEM program is to support students in learning with a focus on science, technology, engineering and mathematics. Students at Hillcrest will learn to inquire, research and solve real world problems in collaborative, innovative and meaningful ways. Students are empowered to be a part of Mustang Nation in order to problem solve, create, iterate and reflect within their community.

STEM students at Hillcrest are



SKILLED

- Read, write and solve math problems at grade level
- Select and integrate information
- Apply critical thinking
- Organize self



CREATIVE

- Activate imagination to generate original ideas to produce products
- Conduct experiments



INNOVATIVE

- Develop unique solutions to problems
- Identify and troubleshoot problems
- Refine the operation of prototype devices



CURIOUS

- Demonstrate a willingness to understand ideas & experiences of others
- Generate sensible questions to investigate problems



COLLABORATIVE

- Demonstrate positive citizenship in groups
- Participate in consensus building and conflict resolution equitably