



# STEM @ MAMS

Science, Technology, Engineering, and Mathematics I + II (STEM I+II) promotes scientific research and engineering methods, with no experience required. STEM I classroom activities are intended to cultivate a scientific mindset and prepare for STEM Fairs. STEM II is designed to prepare students to work as a group to identify a need in collaboration with community organizations and develop a solution. The analytical skills developed over the course of STEM I+II will prepare students to understand technical research and engineering design methods. Students are also expected to demonstrate the ability to apply this knowledge through self-directed and group research projects. The research process includes reviewing literature, developing questions, making conjectures, designing experiments, and communicating findings through technical writing/presentations. STEM I + II projects will be presented at a school-wide STEM fair.

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