

Gardner Middle School
Application for Advanced STEM
8th Grade Only

Name: _____ Current Grade Level: _____

Science & Technology, interpreted through Engineering, all based in Mathematical elements. Advanced STEM will be primarily focusing on Green Design and Clean Energy. Using real world applications of structures and designing and redesigning. Application will cover everything from identifying the problem/need, research, concept formation, drafting, scaling, and construction. They will be using multiple mediums to both design and create including computer imaging, clay, wood, paper, robotics, and many forms of agricultural products. Part of the class will include green design which focusses on bettering our environment through space and energy conscious structures.

Criteria:

- Must have completed one semester of STEAM
- Must have a 2.5 GPA, No D's or F's, No N's or U's
- Must adhere to GMS philosophy: ROAR (Respect, Ownership, Achievement, Rigor).
- Must be self-motivated and a team player.

I meet and agree to the above criteria:

Student Signature: _____ **Date:** _____

Parent Signature: _____ **Date:** _____

Questions: Email Mr. Shackelford jshackelford@tvusd.k12.ca.us

*** Please submit this application to Mr. Shackelford in Room 402 or 408. You will also need to complete and turn in the **YEAR-LONG ELECTIVES & ENRICHMENT FORM** (white form) to your counselor's box. ***

Mr. Shackelford's Signature: _____