Site Name: Innovation Middle School

Site Address: 5095 Arvinels Avenue

Site Contact Person: Rick Selby

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Phone: (858) 278-5948

Emphasis: STEAM (Science/Technology/Engineering/Math

Teacher(s)*: Debbie Ladeby, Christine Miller, Zachary Reiff, Mehrak Selby, Rick Selby

The School Environment/Mission Statement:
The mission of Innovation Middle School is to inspire students to be intellectually prepared and engaged in a curriculum focused on the integration of science, technology, engineering and mathematics and arts all with a deliberate worldview and commitment to character.

Curriculum modifications to provide depth, novelty and complexity:
The focus for education at Innovation Middle School (iMiddle) is Science, Technology, Engineering & Mathematics (STEM) along with arts. We offer this rigorous curriculum embedded in 21st century technology skills. The talented and collaborative staff combines ability and passion to utilize technology in their everyday teaching in order to thoughtfully engage all students. With projects that include podcasts, WebQuests, videoconferencing and video production, a 1:1 school to home netbook/ipad program, Web 2.0 tools, a variety of software, and digital content, iMiddle students learn first and foremost by doing and actively participating in the learning process. We intend to present authentic, challenging, and meaningful experiences which require students to solve practical, real world problems and apply technology to meet Common Core State Standards. At iMiddle, we intend to inspire not simply science and math students, but scientists, mathematicians and artists who are seeking to nurture the next generation of leaders.

Opportunities for student choice and creative expression:

- Project Based Learning opportunities
- Technology in every class & hands-on, web-based learning
- Exploring Computers/Video Production, Tech Support Services, Orchestra, Gateway to Technology elective offerings
- Spanish 1-2 and 3-4 World Languages offered in lieu of above electives
- Accelerated Math 7 advanced course in 7th grade and Advanced Integrated Math I in 8th grade offered (select students)
- Girls in Science after school program
- Unique advisory curriculum where students choose a genius project
- Orchestra
Unique activities and approaches:

- Small neighborhood school atmosphere
- 1:1 school to home netbook/iPad program for every student, now part of the Federal government “Learning on the Go” grant
- Nationally Board Certified, Apple Distinguished, NOYCE and Google Academy Educators
- Partnerships with Hewlett Packard, Microsoft, Apple, LMI Aerospace, USD, UCSD, ATT, Time Warner Cable, and others
- Strong community involvement and support
- Interactive digital classroom environments with Promethean ActivBoards and ActivExpressions
- Night at the Opera
- Student Leadership Opportunities through the Associated Student Body Program
- Student lead technology help desk

*Teacher is GATE certified with at least three years experience **This description is subject to change