

## Eligibility . . .

All interested eighth grade students who have completed or will successfully complete either Algebra I or Geometry with a B or better are eligible to apply for admission to the Camas Academy for Mathematics And Science. Students who have completed and submitted the academy application and obtained three teacher recommendations will be selected based on the following criteria:

## Admissions Criteria . . .

- Application Questionnaire
- Teacher Recommendations (Mathematics, Science, and English faculty required - one more is optional)
- GPA (Average GPA for Mathematics, Science, and English for seventh and eighth grades )
- Academy Entrance Exam and On-demand Writing Prompt
- Interview

## Faculty . . .

The selection of the academy faculty for year one was based on their academic achievement, superior teaching abilities, and their interest in working with highly able students. Each year the academy will expand by another grade level, adding talented staff to meet the academic needs of the program. Students selected for the academy will have a unique opportunity to interact with intellectual peers and staff who share their interest in the academy disciplines.

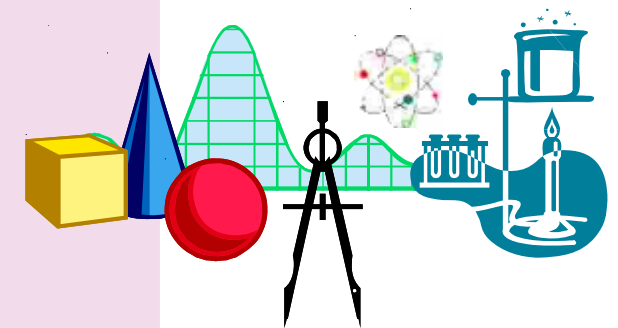


CAMAS SCHOOL DISTRICT  
A TRADITION OF CARING AND QUALITY

1919 NE Lone Street  
Camas, WA 98607

January 2007

# Camas Academy for Mathematics And Science



## Additional Information . . .

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## Program Description . . .

The Camas Academy for Mathematics And Science offers an intensive program for students and staff interested in mathematics, sciences, technology and the humanities. Academy students will be presented with complex problems that demand collaboration, creativity and perseverance.

Distinguishing characteristics of this program include a strong research strand woven through all four years of instruction and culminating in annual showcases and a senior research investigation. At all levels, students will be exposed to integrated, advanced course work that explores real-world problems.

During seminars and showcases, students or guest speakers will present their thoughts and research findings to a diverse audience in a professional manner. Students will also have the benefits of working in a specialized laboratory setting, mentoring from experts, and completing field-based internships.

The goal of the academy is to instill the underlying values, skills, and behaviors that will enable students to enter chosen careers in the fields of science, math and technology. The experience will also position students to achieve success at institutes of higher learning.

## Sample Schedule . . .

Academy course credits are denoted by the shaded region and represent integrated education to enhance learning opportunities. The accelerated mathematics classes are identified by dotted region. In grades 11 and 12, students may opt for additional, specialized science and engineering classes. Many options are available for students to meet their other course selections through zero or seventh period, independent study, or other configurations.

Periods	Grade 9	Grade 10	Grade 11	Grade 12
1	Pre-AP Biology & Introduction to Chemistry	AP Biology	AP Chemistry	AP Physics
2	Introduction to Engineering & Introduction to Physics	Principles of Engineering	Engineering Design & Development	Research Seminar
3	English 9 or Pre-AP English 9	AP World History	Research Seminar	English 12 or AP English 12
4	Accelerated Geometry or Algebra II	Accelerated Algebra II Pre-Calculus w/Math Analysis	Pre-Calculus w/ Math Analysis or AP Calculus	AP Calculus or AP Statistics
5	Elective	English 10 or Pre-AP English 10	English 11 or AP English 11	Contemporary World Issues or AP U.S. Government & Politics
6	Elective	Elective	U.S. History or AP U.S. History	Elective
7	WA State History/PE (independent study)	PE (independent study)	Elective	Elective



## Academy Opportunity!

Apply: Winter 2007  
Launch: Fall 2007

### Looking for students who demonstrate

- ~ High ability, aptitude, and interest in math, science, and technology;
- ~ A desire to engage in research and project-oriented learning;
- ~ Ability to persevere when faced with complex problems;
- ~ Ethical behaviors in all aspects of learning;
- ~ Creativity, resourcefulness, and ability to contribute to the structure of their own learning experience;
- ~ Ability to be self-sufficient, to follow through, and to produce high-quality work;
- ~ A willingness to work in a team-oriented environment;
- ~ An interest in refining their oral, written, and visual communication skills; and
- ~ Aspirations to strengthen leadership skills and contribute as a citizen of the 21<sup>st</sup> century.