

Application for Fall 2010

Alameda Science and Technology Institute (ASTI)



Thank you for your interest in ASTI. To ensure that your application is complete please use the checklist provided. If you are unable to locate any specific documents please contact our office and do not let this prevent you from applying.

Required Documents

1. Application Form (please include SS# if available)
2. Math Teacher Evaluation
3. English/Writing Teacher Evaluation
4. Personal Statement
5. Student Portfolio (see description in packet)
6. Official School Transcripts and Attendance Records
7. CST/STAR results (Optional – but preferred)

Reminders

- ✓ Submit copies of personal documents – please keep your originals
- ✓ Check all documents to make sure you have signed where required
- ✓ If you will require translation during an interview please inform our office

Completed Application Packets should be returned to:

Alameda Science and Technology Institute (ASTI)
555 Atlantic Ave (physically located on W. Campus Dr.)
Alameda, CA 94501

Directions (from Oakland):

Take Webster Tunnel towards Alameda
Turn Right on Atlantic Ave./Ralph Appezzato Memorial Pkwy
Turn Right on West Campus Drive (first stoplight)
ASTI is located on your right (brown portables)

Parking:

There is a parking lot directly across from the campus.
Parking tickets can be purchased from the machine for \$1.00

Contact Information:

Phone: (510) 748-4021
e-mail: ASTI@alameda.k12.ca.us
web : www.ASTISchool.com

Application Timeline

Round 1 Due Date:	Feb 11 th
Round 1 Interviews:	Feb 20 th
Round 2 Due Date:	Mar 11 th
Round 2 Interviews:	Mar. 27 th

Rolling Applications: Ongoing
***Applications received after all spaces have been filled will be placed on a waitlist.*

Application Events:

Info Night:
Thursday, Jan. 28th 6-7:30pm
College of Alameda F Building

**For details please visit
www.ASTISchool.com



Overview and Selection Criteria

Alameda Science and Technology Institute (ASTI)



Overview:

Alameda Science and Technology Institute (ASTI) is a public high school in the Alameda Unified School District (AUSD). It was founded in 2004 through a partnership between AUSD and the College of Alameda and funded by a grant from the Bill and Melinda Gates Foundation. As an Early College High School (ECHS) ASTI provides students the opportunity to enroll as full-time community college students during their 11th and 12th grade years. Our school is based on the belief that ALL students deserve and are entitled to a college education and that ALL students are capable of succeeding at a high academic level. We aim to provide the rigor and support needed to prepare students for entrance into college courses after two years of high school instruction. Our student body is diverse and we actively seek out students who are traditionally underrepresented in areas such as socioeconomic level, home language other than English, first generation college-bound and ethnicity. Students who are highly motivated and focused on college should consider applying to ASTI.

ASTI also provides many leadership and extracurricular opportunities for students who are looking for experiences outside of coursework. We have a strong student government and leadership class that organizes regular student events and has founded a number of student clubs and organizations. Recent events have included spirit week, movie night, and a cultural potluck. Our journalism class produces *The Talon*, a biweekly newsletter that reports on campus, local and national news. Other activities include Soccer Fridays, school picnics, fieldtrips and days of motivation with guest speakers and activities designed to help students set goals. Most importantly, ASTI students make their own opportunities! Our PTSA, SSC, clubs and even some lunchtime courses are all student led. Any ASTI student can create an organization or step into one of the many leadership opportunities we have available.

Selection Criteria:

***These criteria should be viewed as a ‘profile’ of a typical ASTI student and not as a ‘checklist.’ ASTI uses a holistic selection process where we view the student as a whole using their academic record, essays, interview, portfolio and other relevant information.**

- 1) Motivation
 - Highly motivated, Self-motivated, and can explain reasons for attending a challenging program
- 2) Attendance
 - Willing and able to be present and on-time 95% or more
- 3) Positive Member of Community
 - Evidence of good citizenship, maturity and ability to work well in groups
- 4) Critical Thinker
 - Self-reflective and open to growth – able to discuss strengths and weaknesses and able to problem-solve
- 5) Evidence of Leadership and/or Extracurricular Involvement
 - History of commitment to an activity and able to discuss passion for something beyond school
- 6) Lifelong Learner and Goal-oriented
 - Responsible for own learning, able to discuss goals for High School/beyond, and responds well to challenges
- 7) Record of Academic Achievement
 - Strong GPA or recent improvement in GPA and literacy/math skills at or near grade level
- 8) Knowledgeable about ASTI
 - Able to discuss some aspects of the program and able to explain reasons for applying to program
- 9) Support network outside of school
 - Family, friends and others who will support student’s efforts and are willing to participate and contribute

In addition to the criteria above ASTI is committed to maintaining a diverse student population and actively seeks out underrepresented students. However, we have students from a wide variety of background and experience and we encourage ALL students to apply.

Early College High School Core Principle #1

- Underrepresented in any of the following categories: Language, socioeconomic level, parent education, first generation college-bound, and race/ethnicity

*If hardship or extenuating circumstances have prevented a student from meeting one or more of the above criteria, we encourage applicants to submit a written explanation or discuss their specific situation with us in person.

1. APPLICATION FORM

2010-11

Alameda Science and Technology Institute (ASTI)

Enrollment Date _____

Please Use a Ball Point Pen and Fill in ALL Information

A. Student Information

Student Name: _____

Legal Name (Last)

(First)

(M.I.)

Sex

Street Address

Apt. #

City

Zip

Home Phone

Birthdate

Birthplace

Social Security #

Automated Dialer Contact # (if different from home) _____

Ethnicity: (Please indicate a 1 for primary ethnicity and a 2 for the secondary ethnicity)

1-American Indian or Alaskan Native _____ Asian: 2A-Chinese _____ 2B-Japanese _____ 2C-Korean _____

2D-Vietnamese _____ 2E-Laotian _____ 2F-Cambodian _____ 2G-Asian Indian _____ 2H-Other Asian _____

Pacific Islander: 3A-Hawaiian _____ 3B-Guamanian/Chamorro _____ 3C-Samoan _____ 3D-Tahitian _____

3E-Other Pacific Islander _____ 4-Filipino _____ 5-Hispanic _____ 6-Black _____ 7-White _____

S1-Does not Apply: for secondary ethnicity only _____

Language(s) Spoken In Home in Addition to English: _____

Prior Alameda Public School _____

Name and Address of Last School Attended: _____

School Name

Address

City/State/Zip

B. Parent/Guardian Information (Circle with whom student lives)

Father/Step-Father: Name _____ Send mail? Yes No

Parent/Guardian Education Level 1-Not a high school graduate 2-High school graduate 3-Some college

(SAT-9 requirement) (Circle one) 4-College graduate 5-Grad school/postgrad training

Home Address (If different from student): _____

Home Phone: _____

Cell Phone # _____

E-mail Address _____

Employer: _____ Occupation: _____

Employer's Address: _____

Work Phone: _____

Mother/Step-Mother Name _____ Send mail? Yes No
Parent/Guardian Education Level 1-Not a high school graduate 2-High school graduate 3-Some college
(SAT-9 requirement) **(Circle one)** 4-College graduate 5-Grad school/postgrad training

Home Address (If different from student): _____

Home Phone: _____ Cell Phone # _____

E-mail Address _____

Employer: _____ Occupation: _____

Employer's Address: _____

Work Phone: _____

(circle one)

Are you or your spouse in the military? Yes No

Do you reside on military/government property? Yes No

Are you a civilian employed by the government? Yes No

Are you or your spouse in the Coast Guard? Yes No

Is your student in Special Ed.: Yes No

Does your student have an IEP: Yes No

Does your student have a 504 plan: Yes No

C. Additional Information

My child's name/photo **may** _____ **may not** _____ be released to the news media or for school district publicity purposes.

Please indicate order of emergency contact: (*Other than Resident or Custodial Parent*)

1. _____
Name Relationship Phone

2. _____
Name Relationship Phone

Family Doctor _____
Name Phone Number

Family Dentist _____
Name Phone Number

I/We, the parents of _____, a minor, **do** **do not** _____ authorize the Alameda Unified School District to act as my/our agent in my/our absence to obtain through the physician named above on this form such medical or hospital care as is reasonably necessary for the welfare of the student, including necessary transportation, if he/she is injured in the course of school activities. In the event said physician is not available at the time, I authorize such care and treatment to be performed by any licensed physician or surgeon. I/We agree to bear all costs incurred as a result of the foregoing.

Parent/Guardian Signatures:

(Signature) (Date) (Signature) (Date)

(5 being mastery, 3 stills needs support, 1 struggling). If topic has/will *not* be covered please leave blank.

	Concept	Level 1	Level 2	Level 3	Level 4	Level 5
	Evaluating Signed Integers					
	Solving Equations					
	Solving and graphing inequalities: With 1 variable					
	Solving and graphing inequalities: With 2 variables					
	Graphing linear functions					
Working w/ Polynomials	Addition and Subtraction					
	Multiplication					
	Factoring					
	Division					
Solving Quadratics	By Factoring					
	Graphing					
	Quadratic Formula					
	Completing the Square					

Geometry Evaluation:

If student is enrolled in Geometry, please rate the student’s level of knowledge for each concept 1-5 (5 being mastery, 3 stills needs support, 1 struggling). If topic has/will *not* be covered please leave blank.

Concept	Level 1	Level 2	Level 3	Level 4	Level 5
Algebra 1 concepts listed above (feel free to use table above if needed)					
Two-column formal proofs					
Parallel lines, transversals, angle relationships					
Theorems on congruence & similarity					
Properties of triangles & quadrilaterals					
Properties of circles					
Area and perimeter of plane figures					
Volume and surface area of space figures					
Basic constructions					
Coordinate geometry					
Basic trigonometric functions (including calculator use)					
Inscribed and circumscribed polygons					
Rotations, translations, reflections					

General Summary:

What are the student’s greatest overall strengths as a learner?

What are some areas in which the student needs improvement?

Please feel free to include any additional materials that you feel would help to provide us with a complete picture of the student.

3. English/Writing Evaluation

Alameda Science and Technology Institute (ASTI)

2009-10 Teacher Evaluation

To the Applicant: Write your name below and give this form to your most recent **English/Writing** instructor.

Name _____
 (Last) (First) (Middle)

To the Instructor:

ASTI highly values instructor input when evaluating applicants and appreciates your time in completing this form. Please feel free to include any additional description that you feel would help to provide a more complete picture of the student.

Teachers Name (Mr./Mrs./Ms.) _____ Subject Taught _____

Signature _____ Date _____

Current School _____

Work Phone _____ E-mail Address _____

Background Information

How long have you known the applicant and in what context?

What are the first words that come to your mind to describe this student?

Course History:

Courses you have taught this student	Grade Level	Level of course difficulty (accelerated, honors, etc...)	Grade(s) this student earned in your course each semester	

Ratings: Compared to other students in his or her class, how do you rate this student in terms of:

	No Basis	Below Average	Average	Good	Very Good	Excellent (Top 10%)	Outstanding (Top 5%)	One of my top students ever (Top 1%)
Academic Achievement								
Intellectual Promise								
Quality of Writing								
Creative, original thought								
Productive class discussion								
Respect accorded by faculty								
Disciplined work habits								
Maturity								
Motivation								
Leadership								
Integrity								
Reaction to setbacks								
Concern for others								
Self-confidence								
Initiative, independence								
OVERALL								

**The above format, questions and ratings have been taken and/or adapted from the Common Application for Undergraduate College Admissions.

Literacy Evaluation:

Please rate the student's level of knowledge for each concept using the

Concept	Strongly Disagree	Disagree	Agree	Strongly Agree	N/A (Unable to Assess)
Student has firm grasp of standard written English					
Student fulfills reading assignments for the class					
Student turns in all essays					
Student's writing reflects a strong effort					
Student remembers what he/she reads					
Student can identify themes					
Student's writing shows careful thinking					
Student can move beyond literal meaning					
Student is a struggling reader (2 or more grades below)					
Student understands grade-level texts					
Student is able to use feedback to improve his/her writing					

General Summary:

What are the student's greatest overall strengths as a learner?

What are some areas in which the student needs improvement?

Please feel free to include any additional materials that you feel would help to provide us with a complete picture of the student.

Personal Statement and Student Portfolio

Alameda Science and Technology Institute (ASTI)



4. Personal Statement:

Instructions:

- ✓ Respond to both prompts, using a maximum of 1,000 words total. (for both prompts combined)
- ✓ You may allocate the word count as you wish. If you choose to respond to one prompt at greater length, we suggest your shorter answer be no less than 250 words.
- ✓ Stay within the word limit as closely as you can. A few extra words - 1,012 words, for example - is fine.
- ✓ Please use your own words. It is important to have a friend, teacher, or family member read your statement and give you advice but remember that we want to know you on a personal level.

Prompts:

- A. Describe the world you come from - for example, your family, community or school - and tell us how your world has shaped your dreams and aspirations?
- B. Tell us about a personal quality, talent, accomplishment, contribution or experience that is important to you. What about this quality or accomplishment makes you proud and how does it relate to the person you are?

5. Student Portfolio:

Instructions:

- ✓ For each of the portfolio items described below, select ONE piece of work to submit.
- ✓ Please select only individual work done by you during your 8th grade school year.
- ✓ You may submit copies or your work instead of originals.
- ✓ All portfolio items should be placed together in a folder, cover or secured with a clip.

Required Items:

- 1) 1 **Essay/writing** assignment
- 2) 1 **Science** assignment (preferably a lab report)
- 3) 1 piece of work that displays your **creativity**
- 4) 1 additional piece of work that displays your **strengths as a learner**