



atdp

UC Berkeley
Academic Talent
Development Program

ELEMENTARY DIVISION

for students completing
grades K-6

JULY 13 - JULY 31

2020

Berkeley
UNIVERSITY OF CALIFORNIA

Welcome to ATDP

January 2020

OVER THE PAST 35 YEARS, students have come to our Elementary Division site each summer to pursue Human Anatomy, the Art and Science of Math, Rainforests, and so much more. Whether your family has a long tradition across generations at ATDP or whether you seek to join ATDP for the first time, welcome.

Over the decades, our mission has always remained the same: to enable all highly motivated and prepared students to pursue their academic passions through rigorous summer coursework in a community of like-minded peers. We offer courses appropriate to our students' needs, taught by outstanding public school, private school, and university instructors.

We also endeavor to learn more about academically talented students: how they develop, what they require in order to learn at their optimal pace and to their appropriate depth, and what factors support or impede their social development. Toward that goal, we sometimes ask our students and their families to participate in research studies and we solicit their insights and evaluations.

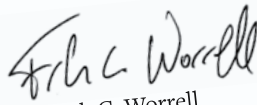
Our application process reflects our belief that students must be given the opportunity to present their strengths in a variety of ways. By requiring applicants to submit multiple indicators of their academic achievements, we are able to identify and admit a diverse group of the hardest-working, highest-achieving students. As you consider the wide range of classes offered in this year's catalog, we hope that you will find many that spark your interest.

Thank you for your interest in ATDP.

Sincerely,



Lisa Kala
Program Director



Frank C. Worrell
Faculty Director



PROGRAM OBJECTIVES

- To offer students an educational opportunity commensurate with their need to know, think, and express
- To help our students think and understand deeply
- To encourage students to rise rapidly through levels of study, seeking and meeting educational challenges as they grow
- To promote continued development of able young scholars toward a full educational and social life

LEARNER OUTCOMES

ATDP students will be able to...

- successfully complete rigorous and challenging coursework in a chosen discipline,
- pursue their academic passions and deep interests, and
- participate in an academic community of similarly motivated peers.

Contacting ATDP

EMAIL atdpoffice@berkeley.edu

WEB atdp.berkeley.edu

FACEBOOK facebook.com/ucb.atdp

PHONE 510-642-8308 *iSe habla español!*

FAX 510-642-0510

MAIL University of California, Berkeley
Academic Talent Development Program
Graduate School of Education
70 University Hall
Berkeley, CA 94720-1160

Or drop by our office between 9:30 and 5; we welcome visitors!

University Hall is located at 2018 Oxford St. in Berkeley.

PROGRAM DATES

July 13 to 31, 2020
See back cover for important dates & deadlines

WEEKLY SCHEDULE

4 days each week:
Monday, Tuesday, Thursday, Friday;
all classes run the full three weeks

DAILY SCHEDULE

Morning classes: 8:30 a.m. to noon
Afternoon classes: 1:00 to 4:30 p.m.

LOCATION

Washington Elementary School
565 Wine Street
Point Richmond, CA 94801

FEES

Application processing fee: \$50
(\$80 for international students)
Tuition: \$650 - \$700

DISCOUNTS

Sibling discount: \$35 per sibling attending
Need-based financial aid is available
See p. 15 for details

ATDP's **Elementary Division**, administered through UC Berkeley's *Graduate School of Education*, offers a variety of stimulating and challenging classes designed for academic advancement and enrichment.

We invite students with exceptional academic promise to a three-week summer session.

The Elementary Division (ED) is open to students who have completed any grade from Kindergarten to 6th grade. Classes will be held at Washington School, an elementary school in Point Richmond, nine miles from UC Berkeley.

ATDP is committed to supporting gender, ethnic, and socioeconomic diversity in all of its programs.

WHO ARE ATDP STUDENTS?

Students are eligible to attend ATDP's Elementary Division once they complete Kindergarten, and they can apply each summer through the completion of Grade 6.

ATDP students enjoy learning, desire opportunities for intellectual and social enrichment, and come prepared to meet the educational challenges of the program. ATDP selects students based on indicators

SEE ALSO:


SECONDARY DIVISION

For students completing **Grade 7** through **Grade 11**, ATDP offers a rigorous six-week program on the **UC Berkeley** campus.

June 22 – July 31, 2020

atdp.berkeley.edu/sd

Classes meet two or three days per week. Both Secondary and Elementary Division programs are non-residential.



of both academic performance and creative activity, as well as good work habits and citizenship. Designation as “gifted” at your home school is not required for admission to ATDP. Students with report card marks of “unsatisfactory” or “needs improvement” in conduct or citizenship are not a good fit for the program.



Inside

Courses	p. 2	Attending	p. 14	Apply	p. 18
Selecting a Course		Tuition & Payment		Deadlines & Notification	
Additional Activities		Transportation		Required Materials	
Course Descriptions		Policies & Planning			

COURSES



Our classes unite teachers who love to teach with students who love to learn. While our classes are academic, they are also age-appropriate and activity-based. Each course focuses on one specific subject, allowing students to gain deep knowledge. The inspired curriculum makes learning fun.

Additional Activities – p. 3

Course Index – p. 4

Course Descriptions – pp. 6-13

About ATDP Courses

CLASS SCHEDULE

Classes meet three and a half hours each day and are held four days a week (no classes on Wednesdays). Morning classes are from 8:30 a.m. to noon, and afternoon classes are from 1:00 to 4:30 p.m. Classes include a 30-minute recess period. For estimated maximum homework times, see the grade-level blue banners in the Course Descriptions section of this catalog (pp. 6-13). Students who require full-day care may also enroll in Cal Adventures (on class days) and ATDP's Wednesday Explorations program (on Wednesdays) which are also held at Washington School (see next page for details). Students completing Grades 4 to 6 with strong academic records are allowed to enroll in a second academic class if there is space. The invitation to enroll in a second class is sent with the acceptance packet.

What is the average class size?

Elementary Division classes generally have around 20 students, with a lead instructor and usually an instructional associate.



SELECTING A COURSE

Each course will concentrate on one subject area, such as Fluid Physics (for 4th graders) or Creative Problem Solving (for 6th graders). Please see the Course Index listing for all courses on page 4, and read the course descriptions on pp. 6-13.

We generally recommend that parents discuss all the course options with their child and that they choose together the class that best capitalizes on the child's academic strengths and deep interests. The subject chosen should be one that the student will want to learn about for three weeks and explore in depth with hands-on projects and interesting activities.

I have only one course choice. Do I still have to list alternate classes on my application?

Each course you request represents a commitment on your part. If you would rather not come to the program than attend a course other than your first choice, you should request your first choice only.

Will I improve my chances of being placed in my first choice class if I don't list alternates?

No, choosing alternate courses won't affect your placement. We always start by attempting to place a student in his or her first choice and only look at the alternates if the class is filled or if a student's application is not competitive for his or her first choice.

OUR FACULTY

Our teachers, including lead instructors and instructional associates, are carefully chosen from a pool of exceptionally talented public school, private school, and university instructors. In addition to their demonstrated excellence as classroom teachers, they share a serious commitment to rich, deep academic talent development.





Additional Activities

WEDNESDAY EXPLORATIONS

ATDP's Wednesday Explorations program offers a range of classes, workshops, and activities for students to take on Wednesdays in addition to their regularly scheduled ATDP course. Wednesday Explorations supplement the Elementary Division courses by permitting students to delve further into special topics of current interest or to branch out into new areas. For example, students enrolled in a mathematics class may choose to participate in a science Exploration on Wednesdays. Others may decide to explore mathematics even further. Yet other students may select a chess or a crafts class.

ATDP offers **both AM and PM** activities on Wednesdays, during the same meeting times as normal ATDP classes. The Explorations program guide and enrollment sheet will be sent to students in late April along with their notifications of acceptance into ATDP.

Cal Adventures will offer PM extended care following afternoon Wednesday Explorations, from 4:30 to 5:30 p.m.

CAL ADVENTURES SPORTS & ARTS CAMP

For a separate fee, Cal Adventures, of the Department of Recreational Sports, offers an on-site sports and arts camp for ATDP students. Students enrolled in either morning or afternoon ATDP courses will have the opportunity to participate in sports such as basketball, soccer, dodgeball, and baseball, and in fine arts activities such as dance, arts and crafts, and drama. By combining a half-day ATDP class with a half-day of sports camp, participating students will have a full day of activity and balance between academic and recreational enrichment.

Cal Adventures campers will be escorted to or from their ATDP classroom when transitioning between programs, including a supervised lunch hour. Camp is available only on class days, **not** on Wednesdays. See the table to the right for schedules.

This special program is available only to students enrolled in ATDP. Cal Recreational Sports also offers a full slate of exciting outdoor youth camps and activities that are open to the community at large. If you would like to receive further information regarding summer activity offerings, please call 510-643-CAMP (2267), or check out their website at camps.berkeley.edu.

Cal Adventures camp schedule (MTuThF)

Morning camp	8:30 am - 1:00 pm
Afternoon ATDP	1:00 pm - 4:30 pm
Morning ATDP	8:30 am - 12:00 pm
Afternoon camp	12:00 pm - 4:30 pm
PM extended care	4:30 pm - 5:30 pm

! Schedules subject to change. Please check camps.berkeley.edu for prices and availability. Because ATDP's AM courses tend to fill fast, space in Cal Adventure's PM camp has sold out in previous years. We recommend signing up early if this is your desired schedule!

Can my child enroll in Wednesday Explorations or Cal Adventures without taking an Elementary Division course?

No, the Wednesday Explorations program and Cal Adventures Sports & Arts Camp are only available to ATDP students who enroll in an Elementary Division class.



COURSE INDEX

See details for each course and course section in their respective descriptions on pp. 6-13.

KINDERGARTEN (p. 6)

	SCHEDULE*	NOTE**
 Fun with Math	AM or PM	
Seashore Science	AM or PM	
Visual Storytelling	AM only	

FIRST GRADE (p. 7)

 Mathmagic!	AM or PM	
Earth Sciences: Geel-ology	AM or PM	
Ancient Greece Through Myth, Math & Science	AM or PM	

SECOND GRADE (p. 8)

 Creative Writing & Illustrating	AM only	
Exploring Light and Vision	AM or PM	
Math Comes Alive	AM or PM	
Rainforests	AM or PM	

THIRD GRADE (p. 9)

 Backyard Botany	PM only	
Human Anatomy	AM or PM	
Mathematicians' Playground	AM or PM	
Those Wonderful Simple Machines!	AM or PM	


FOURTH GRADE (pp. 10–11)

 The Artists' Studio	PM only	3rd Graders may apply**
The Invisible Living World	AM or PM	
The Art and Science of Math	AM or PM	
Authors' Corner	AM or PM	3rd Graders may apply**
Fluid Physics	AM or PM	

FIFTH GRADE (p. 12)

 The Art of Persuasion	AM or PM	
Lab Chemistry	AM or PM	
Digital Inventions	PM only	
The Physics of Motion and Force	AM or PM	

SIXTH GRADE (p. 13)

 Creative Problem Solving	AM or PM	5th Graders may apply**
Human Physiology	AM or PM	
Coding with Greenfoot NEW COURSE	AM only	
Writing for Secondary School	AM or PM	

See also: [Additional Option for Returning Sixth Graders](#) ►

➔ All courses run the three weeks from July 13–31.

* AM courses meet from 8:30-12:00, and
PM courses meet from 1:00 - 4:30.

** Exceptionally well-prepared students may apply
to courses in a higher grade level where noted.

Grades listed always refer to the grade a
student will have completed in June 2020.

Tuition covers all three weeks of study and
includes the base tuition fee of \$570, plus
an \$80 facilities fee for a total of \$650 for
non-laboratory classes, or a \$130 lab fee
for a total of \$700 for lab classes.

Additional Option for Returning Sixth Graders

Returning ED students who will be completing sixth grade
in June 2020 are also eligible to apply for the following
Secondary Division (SD) courses on the Berkeley campus:

- SD4000 The Writing Process (any section)
- SD4010 Public Speaking (any section)
- SD4033 Elements of Web Design
- SD4040 Foundations of Algebra

Spaces in these six-week courses are reserved for
exceptional returning students who are ready for the
challenge of demanding, rigorous coursework. The Director
will determine admission and placement. Students who
decide to apply to SD must complete an SD application,
available on our website at atdp.berkeley.edu. Former ED
students applying to SD are considered new students for
application purposes. The SD early application deadline is
Wednesday, February 5 (recommended), and the standard
deadline is Wednesday, March 4.

Since placement in SD is not guaranteed for returning sixth
graders, a sixth grade SD application should also include
acceptable ED course choices as alternatives.

➔ APPLICATION TIP

AM sections are usually more popular and tend to fill
quickly. Since ATDP evaluates applications on a continual
basis in the order they are completed, requesting a PM
schedule may increase your chances of getting a spot
in your first-choice course. If you need an AM schedule,
apply early (well before the postmark deadlines)!

Did you know? Over 70% of Elementary Division
applicants apply for the Early deadline. (See p. 19.)

Courses for students completing Kindergarten

No homework

Tuition fee covers all three weeks of study: July 13–31

Fun with Math



Welcome, Math Adventurers! In this course, we will explore math concepts and develop mathematical thinking skills through fun projects and enjoyable activities incorporating art, literature, music, and movement. Using graphing activities and geometric art projects, we will investigate

the relationships between math and our everyday lives. Also, we will develop pre-algebraic thinking skills by predicting, extending, and creating patterns with shapes, numbers, movements, and more. Working in cooperative groups and as a class, we will put on our problem-solving hats and use our critical thinking skills to solve logic problems. We will also practice mental math skills in addition and subtraction and will be introduced to concepts of symmetry, multiplication, division, fractions, time, money, and more. In order to deepen our understanding of more traditional math, we won't be doing typical pencil-and-paper problems but instead will learn by having fun with math!

ED4001	8:30 - 12:00	Avril Eattock	\$650
ED4002	1:00 - 4:30	Michelle Chu	\$80 w/ full aid award



Seashore Science



Seashores are rich natural laboratories for scientific exploration. In Seashore Science, we will learn about tides, tide pools, and the plants and animals of California's rocky seashores. Our budding scientists will study different tidal pool relationships using methods of investigation employed in

both earth and life sciences. We will explore the seashore through in-class activities, a walking trip to the beach, and visits by groups that bring the animals from the bay right to our classroom. Topics will include high and low tides, fresh vs. saltwater, camouflage, animal anatomy, and marine conservation. We'll learn a lot about seashore life, including mollusks, crustaceans, univalves, bivalves, algae, plankton, and kelp. We will use scientific methods of observation and keep journals as we learn about water chemistry and related marine topics. The inner and outer workings of the tide pool plants and animals will be brought to life through experiments, drama, arts and crafts projects, as well as close encounters with live creatures in a marine touch-tank.

ED4003	8:30 - 12:00	K. Kemp & A. Choy	\$700
ED4004	1:00 - 4:30	K. Kemp & A. Choy	\$130 w/ full aid award



Visual Storytelling



We all have stories to reflect everyday moments, from the ordinary to the extraordinary. Most of the time, our stories are told orally or through written language. In this hands-on studio class, we will explore storytelling through art. We will tell our stories through drawings, paintings, collage,

and printmaking using a variety of media such as oil pastels, paint, paper, and fabric. We'll observe, examine, and discuss master artworks and what stories are depicted around them. Students will then learn how to express their unique stories by applying various art concepts like lines, shape, color, and texture to depict feelings, movement, and ideas. What stories will your artwork tell?

ED4005	8:30 - 12:00	Andrea Crutchett	\$650
			\$80 w/ full aid award

1 Courses for students completing First Grade

Homework: Up to 20 minutes per day
Tuition fee covers all three weeks of study: July 13–31



Mathmagic!



Grab your hat and wand and join in on the fun! In Mathmagic, students will develop their reasoning skills and conceptual understanding, as well as strengthen their abilities in basic operations and procedural skills. The class will explore the topics of Data Analysis, Algebra, and

Geometry, through games, magic tricks, team tasks, and art projects. Also, the class will read enticing storybooks from around the world as catalysts for intriguing mathematical investigations covering topics such as binary numbers, the Fibonacci sequence, googols, and more! The fun never ends because all of the learning is anchored in the exciting theme of magic.

ED4011	8:30 - 12:00	Hannah Margulis-Kessel	\$650
ED4012	1:00 - 4:30	Hannah Margulis-Kessel	\$80 w/ full aid award



Earth Sciences: Gee!-ology



Earthquakes, volcanoes, massive shifting plates, rocks and minerals, and the powerful forces of erosion—we will investigate these topics and more in this geology class. As budding geologists, we will examine the structure of our planet and the processes that shape it as well as learn how

to classify rocks. Working individually, in pairs and in small groups, we will simulate earthquakes, volcanoes, fossil creation and erosional forces. In addition to many hands-on science explorations, we will learn about these incredible earth processes through stories, games and art projects. We will also work on developing key scientific skills, such as questioning, observation, data recording, communicating and comparing. By the end of class, we will be able to use our new knowledge to view the geological world around us in an entirely new way!

ED4013	8:30 - 12:00	Bethany Lourie	\$700
ED4014	1:00 - 4:30	Bethany Lourie	\$130 w/ full aid award



Ancient Greece Through Myth, Math & Science



The Ancient Greeks were intrigued with science, mathematics and mythology as a way of imposing order on a world of chaos. We will travel back in time to discover what life was like in Athens and Sparta, use design thinking to build our own versions of architectural and engineering

feats, study their discoveries in astronomy and geometry, and dive head first into the magical world of mythology. Students will write their own myths, learn about the discoveries of Pythagoras and Archimedes, create art in the Ancient Greek style, and immerse themselves in the fascinating world of Mount Olympus. Our Open House will feature an Ancient Greek feast and student performances of classic myths.

ED4015	8:30 - 12:00	T. Clark & K. Jimenez	\$650
ED4016	1:00 - 4:30	T. Clark & K. Jimenez	\$80 w/ full aid award

2 Courses for students completing Second Grade

Homework: Up to 20 minutes per day

Tuition fee covers all three weeks of study: July 13–31



Creative Writing & Illustrating



In this course, we will use our imagination and creativity to translate our thoughts into words and pictures. Exploring the world of comics, we will learn about illustrating techniques used to convey emotion and physical movement. We will also learn about story structure and use that knowl-

edge when writing our own stories. We will investigate rhetorical devices, such as onomatopoeia and metaphors, to paint pictures with words. Learning from drawings by professional artists, we will develop our own ideas to express our imagination. Throughout the course, students will collaborate in cycles of feedback with their classmates and instructors, becoming more reflective in their writing process. Students will leave the class with a handmade artist portfolio displaying their writing and illustrating pieces!

ED4021	8:30 - 12:00	Michelle Chu	\$650 \$80 w/ full aid award
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Exploring Light and Vision



In this course, we will investigate the amazing properties of light, how our eyes function, and how our minds perceive visual information. Through hands-on activities, projects, and fun investigations, we will study rainbows, the human eye, invisibility, shadows, light waves, and optical illusions.

We will also build kaleidoscopes, beautiful light reflective boxes, sun prints, and pinhole scopes. Students will become light and vision experts and will write their observations and notes every day in their scientific notebook. Throughout the course, our focus will be on exploring and understanding the relationship between light, vision, and how we perceive the world. You won't believe your eyes!

ED4023	8:30 - 12:00	Lily Aguas	\$700 \$130 w/ full aid award
ED4024	1:00 - 4:30	Lily Aguas	

Math Comes Alive



Math is everywhere around us and lives within us, but it is easy to lose sight of this fact in the confines of the classroom. In this class, we will take a fresh look at math through a modern and historical perspective, focusing on geometry and probability. We will also incorporate some financial literacy

through a classroom economy wherein students will have a salary, pay rent, and operate a store. The class requires students to work both individually and in groups, emphasizing the importance of communication and collaboration in solving problems. Students will create artistic designs, learn mathematical symbols from the past and present, explore concepts behind building sturdy architectural structures, hone their logical reasoning skills, use data to make predictions, and strategize in fun learning games. The goal is to deepen their appreciation of both the beauty and practicality of mathematics while planting seeds that will nurture their future experiences with math.

ED4025	8:30 - 12:00	Nakia Baird	\$650 \$80 w/ full aid award
ED4026	1:00 - 4:30	Nakia Baird	

Rainforests



Explore the wonders of the tropical rainforest in this course created for young scientists. Together we will investigate different aspects of rainforests: their plants and animals, their people, and their products. We will grow rainforest habitats in small groups and keep science

journals detailing our observations through drawing and writing. We will research animals and write and create art projects about them. Also, we will discover just how many rainforest products we use in our daily lives and include many of them in recipes to make tasty treats. Throughout this course, the emphasis will be on the essential nature of the world's rainforests: why we need the rainforests on our earth and what we can do to preserve them.

ED4027	8:30 - 12:00	Brett Lackey	\$700 \$130 w/ full aid award
ED4028	1:00 - 4:30	Brett Lackey	



Backyard Botany



Roll up your sleeves and be ready to get your hands dirty! In this course, budding botanists, or plant scientists, will study the physiology, structure, and classification of common backyard herbs, vegetables, fruiting trees, and flowers. A scientific journal will be kept by each student to

document lighting, soil, watering, and temperature preferences of various plants in preparation for successful planting and germination. Students will also compare, contrast, and evaluate different methods of urban gardening, including a method that requires no soil and even a method that uses fish waste as plant fertilizer! By the end of the course, students will be experts in planning, planting, and caring for both edible and aesthetic backyard gardens. On the final day of class, students will present their botany journals and will have the opportunity to take home a garden starter kit of their own. If you want to cultivate your green thumb, this class is for you!

ED4030 1:00 - 4:30 Elizabeth Abruzzini **\$700**
 \$130 w/ full aid award

Human Anatomy



In this course, students will study the human body from the inside out. Our exploration of anatomy will consist of hands-on projects, including cell models, lung models, DNA extraction, edible chemistry, reaction time, and microscope investigations. Students will have the opportunity to get

up close and personal with the inner workings of the body as they dissect bones, muscles, hearts, eyes, and brains (all specimens are fresh and locally inspected). Each student will chronicle his or her body discoveries with the construction of a life-sized body model and a detailed body systems book, which they will present on the last day of class. We will also study some related chemistry, art, mythology (e.g., Achilles' heel), and history.

ED4033 8:30 - 12:00 J. Hunau & S. Hunau **\$700**
ED4034 1:00 - 4:30 J. Hunau & S. Hunau **\$130 w/ full aid award**

Exceptionally well-prepared third graders may also apply for courses **ED4040: The Artists' Studio** (p. 10) or **ED4045/ED4046: Authors' Corner** (p. 11).



Mathematicians' Playground



Calling all math lovers! In this course students will dive into mathematical reasoning and risk-taking. We will learn to develop multiple problem-solving strategies, evaluate our results, and explain our thinking to others. We will see how to apply our understanding of number sense,

geometry, probability, and algebra to everyday real-life situations. By working both independently and collaboratively, students will find creative solutions and build their mathematical brainpower. This class will provide students with a supportive and fun environment for interaction with others who love mathematics.

ED4035 8:30 - 12:00 Anne Kaffka **\$650**
 \$80 w/ full aid award

Those Wonderful Simple Machines!



In this course, we will learn about simple machines: levers, pulleys, wheels and axles, inclined planes, wedges, and screws. We will study their origins, usefulness, and relationships to other machines. We will have hands-on opportunities with simple machines, draw pictures, and make our

own models. While learning that gadgets are based upon the principles of simple machines, we will try to stump one another with unusual gadgets. We will learn about Ruben Lucius "Rube" Goldberg and his famous gadget cartoon pictures. As homework each of us will design and build a simple working model of his or her own Rube Goldberg-inspired gadget. After working a little at home every day in order to plan, assemble, and complete our final course projects by the last day, we will then present them for our Open House.

ED4037 8:30 - 12:00 Michelle Harrison **\$650**
ED4038 1:00 - 4:30 Michelle Harrison **\$80 w/ full aid award**

4 Courses for students completing Fourth Grade

Homework: Up to 25 minutes per day

Tuition fee covers all three weeks of study: July 13–31

The Artists' Studio



Using creativity and imagination, we will delve into the world of lines, colors, shapes, and textures, crafting our own works of art and learning to think critically about the art we see. We will explore and build upon the basic concepts for each of these artistic elements, gradually progressing

to 3D models by the end of each week. Daily projects and artist workshops will foster both individual creativity and more structured learning to help students build a strong foundation in each element. We will also study several modern artists who will help us understand how to use basic elements to create masterpieces. Finally, we will look at our art with critical eyes, thinking about the use of each principle and what it was like to work with the different materials. Students will have the opportunity to present their final art project on the last day of class.

ED4040 1:00 - 4:30 Staff

\$650
\$80 w/ full aid award



The Invisible Living World



In this course, students will become scientists exploring the amazing diversity and complexity of the invisible living world, using microscopes to make discoveries that are impossible with the human eye alone. The course will parallel the evolutionary development of living things, with the first

week focusing on the most ancient single-celled organisms, such as bacteria; the second on organisms such as amoeba, algae and fungi; and the third on specialized cells of macroscopic multicellular organisms, such as humans. Students will learn about the intricate organization within seemingly simple life forms through direct observation, labeled pictures and diagrams, and readings. They will create their own microbe samplers on Petri plates by swiping doorknobs, the soles of shoes, floors and other microbe-rich habitats. They will explore the antibiotic properties of spices, harness the power of yeast by making soft pretzel dough, and discover the good bacteria that turn milk into yogurt. Students will keep a lab notebook with information on vision, traits of life and cell structures, as well as sketches of what they observed. They will also research and make models of a microbe of their choosing for the grand Microbe Zoo finale.

ED4041 8:30 - 12:00 Jonathan Cohen

\$700

ED4042 1:00 - 4:30 Jonathan Cohen

\$130 w/ full aid award



The Art and Science of Math



Architects, artists, scientists, business people, and engineers all use mathematical thinking to solve problems in their work. In this class, we will explore a variety of exciting problem-solving opportunities that occur in the real world where math is a useful tool. We will build stable structures

out of unusual materials like spaghetti and marshmallows, design a water supply system for an island, product-test different Slime formulas, solve logical puzzles, create elaborate and mathematically precise patterns which will become beautiful art pieces, explore concepts of geometry in a variety of ways, learn how to solve Rubik's Cubes, and develop number sense with various math and number routines. Students will work both collaboratively and independently to exercise their mental muscles and design solutions to complicated problems. We will work hard, have fun, and learn a lot.

ED4043	8:30 - 12:00	Liz Swerling	\$650
ED4044	1:00 - 4:30	Liz Swerling	\$80 w/ full aid award



Authors' Corner



Authors' Corner is a creative writing workshop in which students write fiction, autobiographical narrative, and poetry. Students use free-writing to practice following their thoughts in order to discover what ideas they have in their minds. They learn how to use plot structure, specific

sensory details, metaphors and similes, and dialogue to make their stories come alive. During read-aloud time, students identify the techniques authors use to create vivid characters and engaging plots. Field trips to a "haunted house" and the beach allow students to draw inspiration from their experiences in the world.

ED4045	8:30 - 12:00	Heather MacLeod	\$650
ED4046	1:00 - 4:30	Heather MacLeod	\$80 w/ full aid award

Fluid Physics



In this class, we will discover the amazing world of liquids and gases. By studying density and Archimedes' Principle, we will then find out how and why concrete boats and hot air balloons float. We will design and build our own model concrete boats and compete in The Great Concrete Boat Race.

We will also make our own hot-air balloons. By studying surface tension, we will learn how water spiders can live on the surface of a pond and why bubbles act bubbly. We will investigate the shapes of bubbles and produce waves on a bubble. Also, we will study Bernoulli's Principle and investigate how air flows around objects like cars and airplane wings.

ED4047	8:30 - 12:00	Staff	\$700
ED4048	1:00 - 4:30	Staff	\$130 w/ full aid award



5 Courses for students completing Fifth Grade

Homework: Up to 30 minutes per day

Tuition fee covers all three weeks of study: July 13–31

The Art of Persuasion



Let your voice be heard! In this course we will work to develop our thoughts and ideas about the topics that matter most to us. We will learn to craft compelling arguments—ones that can really make a difference—in persuasive essays, letters to the editor, and the delivery of an essay as a speech! Each

day we will practice writing in both formal and informal styles, critique writing samples, and work towards three published pieces for our class book and delivering a persuasive essay as a speech. We will practice the various stages of the writing process as we pre-write, draft, revise, and edit our arguments, both with our peers and by ourselves. By the end of the three weeks, you'll be amazed at how sophisticated and convincing your writing and speech can be!

ED4051	8:30 - 12:00	Leslie Butler	\$650
ED4052	1:00 - 4:30	Leslie Butler	\$80 w/ full aid award



Lab Chemistry



In this lab science course, we will observe chemical and physical changes, examine the properties of substances, hypothesize and investigate experimental outcomes, do independent research on elements of our choice, and utilize laboratory journals to record notes and obser-

vations. Students will develop their observation and analytical skills by experimentally discovering the amount of oxygen in air, testing gases for specific properties, making polymers, growing crystals, learning about electrochemistry and building their own battery, and performing a forensics experiment to determine the identity of various substances. Using freezing point depression, students will make ice cream and understand the chemistry behind it. As a culminating activity, students will plan and perform a chemistry “magic” show.

ED4053	8:30 - 12:00	Emma Johnson	\$700
ED4054	1:00 - 4:30	Emma Johnson	\$130 w/ full aid award

Digital Inventions

Creating Music, Movies & Games with Computers



Have you wondered what it would be like to work at a computer animation studio, as a game developer, or as a composer of electronic dance music? In this course, we will create pictures, animations, music, and interactive games using computers. We'll learn about fundamental topics in

computer programming, such as variables, loops, conditionals, and method calls. Once you have these tools at your command, you will have the opportunity to create increasingly complex and remarkable projects! In our collaborative computer lab, you will have the freedom to see how far you can take your programs as we learn about more advanced modules for the Scratch programming environment. You'll also be able to take your work home so you can show your friends and family. The software that we will use is free, so you can continue learning and creating even after the class is over. This course is designed for students who have some experience with Scratch programming; however, students new to Scratch will be quickly brought up to speed and are welcome to apply!

ED4056	1:00 - 4:30	Staff	\$700
			\$130 w/ full aid award

The Physics of Motion and Force



We will learn about Physics by exploring Newton's Three Laws of Motion and see them in action in hands-on experiments and projects. Course highlights will include studying the effects of constant acceleration, culminating in students shooting marshmallows from paper blowguns,

learning about friction and the construction of a hovercraft large enough to ride on, Newton's Third Law as exemplified by vinegar and baking soda powered rocket cars and, of course, lots of flying marbles.

ED4057	8:30 - 12:00	N. Sigmon & D. Scalisi	\$700
ED4058	1:00 - 4:30	N. Sigmon & D. Scalisi	\$130 w/ full aid award

Well-prepared fifth graders may also apply for course **ED4061/62: Creative Problem Solving** (p. 13).

Homework: Up to 60 minutes per day

Tuition fee covers all three weeks of study: July 13–31

Creative Problem Solving

Codes, Ciphers & Cryptic Conundrums



Solve mysteries, create mysteries, bury treasure on a deserted island with traps, draw a secret map, and design your own board game like Clue—it's all in a day's work when you join us for Creative Problem Solving. In this course, students will encounter a variety of unique challenges. They

will learn numerous problem-solving strategies, which can be applied to a wide variety of conundrums. Students will use various strategies, such as looking for patterns, drawing diagrams, working backwards, questioning assumptions, and using logical reasoning. We will work both collaboratively and independently to solve different challenges that can range from realistic to fanciful, including perplexing pictures, geometric problems, secret codes, logic puzzles, strategy games, and good old mysteries.

ED4061	8:30 - 12:00	Liz Dutton	\$650
ED4062	1:00 - 4:30	Liz Dutton	\$80 w/ full aid award

Coding with Greenfoot



Learn real Java programming in a fun, friendly environment called Greenfoot, designed to enable young programmers to create games, simulations, stories, art, or music. These visual applications are programmed in standard textual Java code, providing a combination of programming experience in

a traditional text-based language with graphical execution. Students will learn about project management tools in an interface that is designed to be helpful and easy to use. Greenfoot is used by thousands of institutions around the world. Join us and build challenging projects with the same technology used by professional computer engineers! This class requires students to have completed *Creating Music, Movies & Games with Computers (2019)* or to have other significant programming backgrounds, such as 20+ hours of experience with Scratch or Snap.

ED4065	8:30 - 12:00	Nathan Mattix	\$700
			\$130 w/ full aid award



Human Physiology



This class is for any student who has a body and is curious to know more about how it works! The course is organized around the organ systems that make up the human body. What happens to your food when you eat it? How strong are your muscles, and how quickly can they move? Why

do your brain and eyes do crazy things when they're confused? And, of course, there will be body parts everywhere! We'll get our hands dirty with dissections of real hearts, brains, and eyeballs. As much as possible, our explorations will be activity-based and allow students to ask questions, make predictions, work with one another, and just generally have a good time. You'll never look at your body the same way again!

ED4063	8:30 - 12:00	P. Holman & E. Vann	\$700
ED4064	1:00 - 4:30	P. Holman & E. Vann	\$130 w/ full aid award

Writing for Secondary School



Through reading short stories, poetry, non-fiction and a novel, we will tackle the symbiotic tasks of reading and writing well. In order to build strong writing skills, we will practice the essential work of reading actively, deeply, and critically in order to analyze both the form and content of our texts.

We will define, identify, and explain the effects of literary devices, styles and themes in literature, relating them to our own lives in order to develop more sophisticated analysis and writing. We will expand our linguistic wells through regular vocabulary work. Additionally, students will engage in daily class discussions and journal writing to strengthen their oral and written fluency. Our writing will include creative pieces—poems and creative fiction—and the culminating assignment will be a literary analysis essay, the bedrock of secondary school writing. We will also practice making revisions. At the end of class, students will have created a portfolio of their own writing that reflects their growth as young readers, writers, and intellectuals.

ED4067	8:30 - 12:00	Amanda LaBerge	\$650
ED4068	1:00 - 4:30	Amanda LaBerge	\$80 w/ full aid award

Exceptionally well-prepared returning Sixth Graders may also apply for a small subset of Secondary Division courses. **See page 5.**

ATTENDING

“It was so much fun!
I can’t wait to come back next year!”

– ED STUDENT, FIRST GRADE



Acceptance

PLACEMENT MAILING

Students who have been accepted to ATDP and who applied by the March 25 deadline will be mailed an acceptance packet on April 30. This packet contains a welcome letter with important information, your course placement, tuition payment instructions, our Explorations guide (see “Wednesday Explorations,” p. 3), and a school map with transportation instructions.

CONFIRMING PLACEMENT

To confirm course placement, students who plan to attend must submit the online *Enrollment Form* with their tuition payment by the appropriate tuition deadline (according to their application date). See p. 19 for deadline dates.

Providing immunization records. University of California policy requires all students participating in campus programs to provide proof of immunization. Families of students who are admitted to the program should be

prepared to provide immunization information for each student when they confirm their course placement. Returning families who submitted immunization records previously will not need to submit them again so long as the records are accurate and on file.

OTHER PLACEMENT DECISIONS

In certain situations, students may be accepted to the program without a course placement:

In a wait pool. Very popular courses fill quickly. If your first course choice becomes unavailable, we will automatically place you into a pool of applicants to be considered if a spot opens. In the event of an opening, all students in the wait pool will be considered using the same criteria as in our standard application process.

Need alternate course choices. Many factors determine whether an applicant qualifies for a particular course, including grade level

and strength of the academic profile relative to other applicants. If an accepted student does not qualify for the particular course(s) indicated on the application, we will ask for alternates. We are happy to work with applicants to find the best course placement.

ATDP isn't for everyone! We encourage students who cannot commit to attending ATDP or who have not been accepted to explore other summer opportunities through UC Berkeley or elsewhere. These students are welcome to apply again for summer 2021.

Tuition & Payment

TUITION

Tuition fees for ATDP courses can be found under the individual course descriptions (pp. 6-13). These include the base tuition fee and facilities fee, but do **not** include the application processing fee, nor expenses for personal supplies or transportation. Families will be notified of their balance due when placement decisions are made available. For those making a single payment, families will have until their tuition deadline to send payment for the entire balance. If a family needs to pay in installments, the first payment of at least \$100 must be sent by May 29 and the remaining balance must be fully paid by Friday, June 26.



APPLICATION PROCESSING FEE

There is a processing fee for each application. The fee is \$50 for domestic students. For international students attending school outside the US, the fee is \$80 and must be paid online. This fee is non-refundable. It covers only the cost of application processing and does not apply toward tuition or facilities fees. Available payment methods include:

- Online payment by credit or debit card (online applications only).
- Check or money order made payable to “UC Regents.” Write “ED” and the student’s first and last name on the memo line. Mail or deliver your check payment to ATDP.
- Those applying for need-based financial aid may apply for a processing fee waiver if the fee poses a financial hardship. See *Financial Aid*, right.

We cannot accept cash payments or foreign checks/money orders.

SIBLING DISCOUNT

For families sending two or more siblings to the program, a \$35 tuition discount is available for each student. For example, if two siblings attended, each student would receive one \$35 discount from tuition, for a total family discount of \$70. This discount is taken from course tuition only, not from the \$50 application processing fee or the facilities fee.

REFUND POLICY

A parent whose registered student is unable to attend must withdraw the student in writing and may request a tuition refund. Prior to Wednesday, June 17, 2020, tuition and facilities fee payments are refundable. After June 17, refunds are subject to the ATDP Refund Schedule, which will be included in the student’s acceptance packet.

No refund will be made in the case of a student who fails to attend classes or is withdrawn from ATDP for failure to meet the standards of appropriate behavior, including completion of homework. The application processing fee is also non-refundable.

Financial Aid

ATDP’s goal is to invite qualified local students to attend the program year after year regardless of their family’s ability to pay. Families of students attending school in the San Francisco Bay Area are invited to apply for need-based financial aid.

Awards cover up to 100% of base tuition only; they do not cover transportation, supplies, course facilities fees or other expenses. The remaining amount due with a full aid award (100%) is shown with each course listing.

APPLYING FOR AID

Requests for financial aid must include supporting documents, typically the family’s most recent federal tax return, with any and all schedules (i.e. the **complete** return). If the family does not submit tax documents, other forms of proof of income (such as pay stubs, or eligibility letters for free/reduced lunch) may be requested.

If payment of the non-refundable \$50 processing fee poses a financial hardship, attach a signed note of explanation with the tax returns or the student’s Letter of Interest in lieu of the payment.

Detailed instructions for applying for financial aid are included with the online or paper application.



FINANCIAL AID DEADLINE

Wednesday, March 25, 2020

Requests for financial aid must be submitted by this date (the standard application deadline). Requests submitted after the deadline will be considered by exception only.

AWARD DECISIONS

All admission and placement decisions are made independently of financial aid status. Your application will not be held up pending a financial aid decision. However, we can only evaluate your request for financial aid once we receive all required documents. Financial aid decisions are based on total financial resources, not only on household income. Applicants who are accepted will be mailed notification of the amount of financial aid on April 30. Families who need to pay tuition in installments will have until June 26 to do so. Details will be included in the acceptance letter.

How are financial aid awards determined?

Financial aid awards are based on total family resources, determined in part by tax returns and schedules. We make every effort to help families with limited resources; however, we are often unable to offer full financial aid, and families who receive full financial aid for tuition will still need to pay the course facilities fee.

A drastic change in my financial situation is not reflected on my tax return. What should I do?

Attach a letter explaining your situation, as well as any supporting documents (e.g., unemployment forms) to the tax forms you send in.

Location & Transportation

Washington Elementary School is located at **565 Wine Street** in **Point Richmond**, nine miles northwest of UC Berkeley.

The historic small town of Point Richmond is nestled in a quiet area between Interstate 580 and San Francisco Bay, near the eastern anchorage of the Richmond-San Rafael Bridge.

WASHINGTON SCHOOL OFFICE

Once classes begin, ATDP staff and site administration will be available at the main office in Washington School. If you have questions about your child's performance, attendance, or any other concerns, contact information will be included in your child's acceptance packet.

ATDP MAIN OFFICE

For applications, payment information, Secondary Division questions, or to check the Lost & Found after July, you can visit the ATDP Main Office at UC Berkeley. Please look us up at 2018 Oxford Street in Berkeley to find University Hall. We are in room 70 on the bottom floor. While classes are in session, most inquiries should be made directly to the Washington School office.

CARPOOL

For students and their families interested in forming carpools, ATDP provides an online directory of other students from their area who are also interested in carpooling. Families then contact each other and form their own carpools. The commuter directory is available only to students who have been accepted into the program, who have an online account, and who have opted into the directory themselves.

If you and a sibling or friend want to attend ATDP at the same time so that you can commute together, include the request in a note in both applications. Make certain that the schedules of the courses you each request match. *The earlier you both apply, the more likely we will be able to work with your schedules.*

Where can I find summer housing near UC Berkeley?
 ATDP is not a residential program. Unfortunately, we are unable to assist families with housing arrangements.



DRIVING DIRECTIONS TO WASHINGTON SCHOOL:

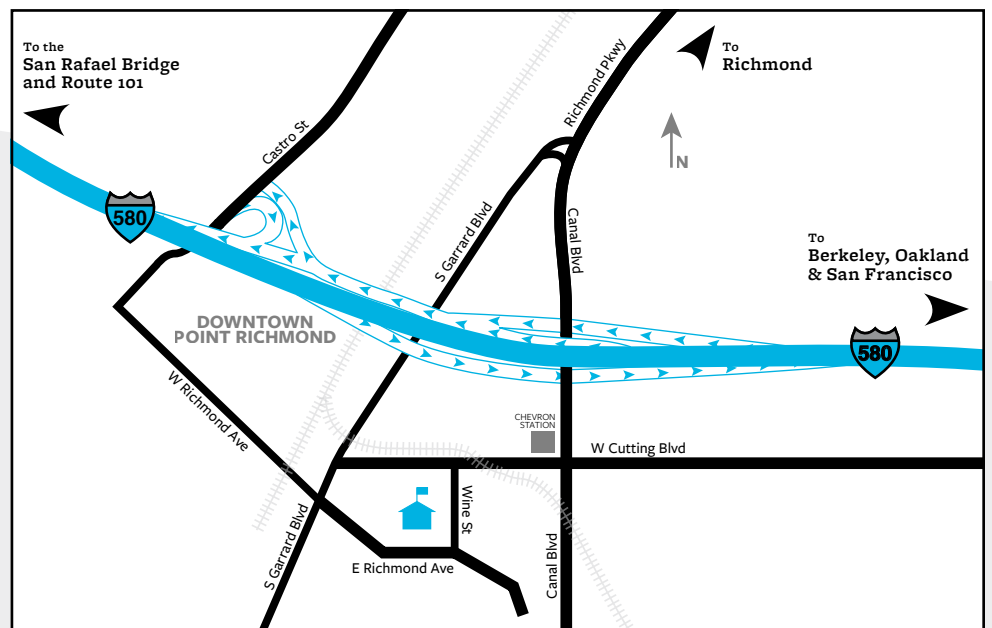
From San Francisco, Berkeley/Oakland, Highway 24, the Peninsula, and the South Bay: Take I-80 East to the I-580/Richmond-San Rafael Bridge junction (right lanes), and continue on I-580 West. Follow I-580 to the Canal Blvd. exit. Turn left onto Canal Blvd. Go under the freeway and move to the right hand lane. At the next light, turn right onto Cutting Blvd.

From Sacramento/Vallejo/Highway 4: Take I-80 West. Exit at Richmond Parkway. Turn right onto Richmond Parkway and continue for several miles. Richmond Parkway becomes Canal Blvd. After passing the 580 overpass, turn right onto Cutting Blvd.

From Marin/Sonoma via 580: From US 101 take I-580 East across the Richmond-San Rafael Bridge. Take the Canal Blvd. exit. Turn right onto Canal Blvd. At the next light turn right onto Cutting Blvd.

ONCE ON CUTTING BLVD:

Continue west on W Cutting Blvd for one block and then turn left onto Wine Street, just after the railroad tracks. Washington School will be on the right.



Attendance

There are no excused absences at ATDP. As expectations are high and courses are fast-paced, even one absence makes it difficult to keep pace. Therefore, students are expected to attend every class session. Even in the case of unanticipated circumstances, there are some things that cannot be “made up” (introductions, class participation, group activities, presentations, or examinations, for example).

If there are special circumstances that will affect a student’s ability to *attend every class*, please contact the program office; anticipated absences not addressed prior to the full

refund deadline will not be accommodated. Barring exceptional circumstances, students who anticipate missing more than one class session will not be allowed to attend the program. If you have concerns about your summer schedule, we strongly advise you to contact our office before applying.

POLICY

Missing too much class time for any reason may result in dismissal from the program without refund. All matters affecting regular attendance—absence, coming late,

or leaving early—must be communicated in writing to the program office (not the instructor) by a parent or guardian (not the student). Anticipated absences not addressed prior to the June 17 refund deadline will not be accommodated. A student’s attendance record will be taken into account in admission decisions in subsequent years.

Program Planning

WELCOME & ORIENTATION

An orientation for students and their families will be held on Saturday, July 11, at Washington School. Although not mandatory, it is an opportunity for students and families to meet their child’s teacher and school administrators, see their classroom, and become familiar with the school site and procedures before the start of classes.

PARENTS’ ROOM

For parents who want to remain at the school site while their children are in class, there will be a parents’ room. Parents will need to sign in at the school office each day.

OPEN HOUSE

Every class will have an Open House for families during part of the last day of class. Guests will see class projects that students have worked hard on during the summer session.

FINAL EVALUATION

After classes end, parents will receive a final evaluation summarizing their child’s academic progress and interests in class. It will review and report on the student’s performance and achievement.



APPLY



ATDP's goal is to select students who enjoy learning, who desire opportunities for intellectual and social enrichment, and who are able to meet the educational challenges of the Program. Students should arrive on time, be ready to learn, and expect to be active and challenged during class. ATDP selects students based on indicators of both academic performance and creative activity, as well as good work habits and citizenship.

Deadlines & Notification – p. 19

Required Materials – p. 20

THE APPLICATION PROCESS

We make every effort to place all qualified students in their first-choice course. ATDP reviews applications on an ongoing basis, beginning when an application is complete. However, course enrollment is limited, and there are often more qualified applicants than the program can accommodate. It is generally advantageous to apply early, preferably well before the postmark deadlines (see p. 19). The application process is the same for new and returning students. (A student who applied in a previous year and then withdrew without completing a course will be considered a new student for admission purposes.) Students must reapply every year, and returning students are not guaranteed automatic readmission or placement in their first choice of course. Incomplete applications are not considered for placement.

Early Application. A limited number of spots in each course will be reserved for early applicants. Early applicants who are admitted

will find early acceptance information in their online account. Applicants submitting a paper application instead of online cannot apply as early applicants.

As in previous years, returning students will receive priority if they apply early. Based on the number and relative strength of other early applications, an early applicant may be automatically converted to a standard applicant if no early acceptance decision is possible.

Standard Application. The standard application deadline is available for those applying both online and via hard copy. Availability may be limited in the case of very popular courses. Those applying for need-based financial aid must apply by March 25, the standard application deadline.

Extended Application. For courses that still have open spots after the standard application period, we will accept applications on a rolling basis. Financial aid will no longer be available for applications completed after March 25.

will also be available in your account beginning on April 30.

Acceptance decisions for extended applications are made on a rolling basis, and will usually be available within 10-15 business days of receiving a complete application.

CONTINUING TO THE SECONDARY DIVISION (SD)

Many students return summer after summer, taking advanced courses they cannot take at their regular schools. ATDP is committed to serving returning students through their elementary, middle, and high school years.

Former Elementary Division students applying to the Secondary Division must demonstrate continued academic achievement as well as good work habits and citizenship. While participation in previous summers' Elementary Division is acknowledged, it is important for students and their families to remember that readmission to ATDP is never automatic, and the academic requirements for SD courses are increased relative to ED.

ACCEPTANCE DECISIONS

On Thursday, April 30, ATDP will mail a letter to applicants who applied on or before the standard deadline informing them whether they have been accepted. Acceptance packets will include your course placement, balance due, and forms required for attendance. If you applied online, a preview of this information

If admission is based on academic preparedness, why is applying early so important?

Applications are considered in the order in which they are completed. For the most competitive courses, there are always more qualified applicants than the program can accommodate. Highly qualified applicants who apply early have the best chance of being placed in their preferred courses at their preferred meeting times.

Apply Online

Visit atdp.berkeley.edu to begin your application.

- See p. 20 for a summary of materials required to complete your application.
- Review detailed application instructions at atdp.berkeley.edu/apply/ed before you begin.

New applicants will need to register an online account. Returning families should use the same account they used previously. Once you're logged in, access the "My Account" menu in the upper right. Click on the name of a returning student, or select "Apply for a new student," and follow the on-screen instructions.

Can't apply online? If you are unable to access the online application, complete the paper *Application Information Form* and mail it with the required materials to ATDP. English and Spanish language paper forms can be downloaded from atdp.berkeley.edu/resources. Your school counselor may have also been provided paper forms, or you can contact our office to have forms mailed to you. Online services will be unavailable to those who submit a paper application.

Recursos en español están disponibles en nuestro sitio de Internet.



Deadlines & Notification

ATDP evaluates applications on an ongoing basis in the order they are received, beginning when an application is complete. ***The earlier you submit a complete application, the better your chances of receiving placement into your preferred course!***

EARLY APPLICATION	STANDARD APPLICATION	EXTENDED APPLICATION
<ul style="list-style-type: none"> ■ Financial aid available ■ Must apply online ■ Returning ED students receive priority 	<ul style="list-style-type: none"> ■ Financial aid available 	<ul style="list-style-type: none"> ■ Financial aid NOT available ■ Limited course availability ■ Rolling acceptance decisions
Application Postmark Deadline: Wednesday, February 19	Application Postmark Deadline: Wednesday, March 25	Final Postmark Deadline: Thursday, June 11
Acceptance Decisions: Wednesday, April 1 (online*) Thursday, April 30 (mailed)	Acceptance Decisions: Thursday, April 30	Acceptance Decisions: within three weeks of receipt of the completed application
Tuition Deadline: Wednesday, May 27	Tuition Deadline: Wednesday, May 27	Tuition Deadline: within two weeks of receipt of the acceptance decision

* Early applicants have access to a preview of acceptance information online, but they will still receive a mailed packet at a later date.

Subscribe to our **community newsletter** at atdp.berkeley.edu/news or follow us on **Facebook** at facebook.com/ucb.atdp to receive notification as soon as these dates are available!



Required Materials

Just like applying to college, a complete application requires several supporting documents (see below). Be mindful of your desired application deadline as it can often take several days to collect your documents and complete the application.

The complete application instructions at atdp.berkeley.edu/apply/ed (or on your paper form) detail the requirements for each item needed for a complete application. We highly recommend that you review these instructions and then prepare as many of the items as possible before you complete

the application form. This may include scanning if you plan to upload your materials, and/or photocopying or printing if you plan to mail them.

Application items are listed below in brief.

- The **Teacher Recommendation Form**, a brief form for a current academic teacher to complete (Note: *ATDP does not review separate letters of recommendation*)
- A copy of your most recent **report card**
- A copy of **achievement test scores** (for grades 3 and up)
- A written **academic product or essay**

The application processing fee is \$50 for domestic students, payable online with card or by mail with check or money order. For students attending school outside the US, the fee is \$80, payable online only. See p. 15 for additional information.

Need-based financial aid is available for students who would otherwise be unable to attend. To apply for aid, your application should also include your parents' or guardians' federal tax return. See p. 15 for additional information.

I'm not from the San Francisco Bay Area. May I apply?

Yes! ATDP is open to students from the Bay Area and beyond. Students from many countries—including Taiwan, Italy, Kuwait, and Singapore—have attended. However, please note that (1) ATDP is not a residential program and we cannot assist with housing arrangements, and (2) financial aid is limited to students from the immediate Bay Area.



STAFF & ADMINISTRATION



Prudence Carter
Dean
Graduate School of Education



Lisa Kala
Program Director



Frank C. Worrell
Faculty Director

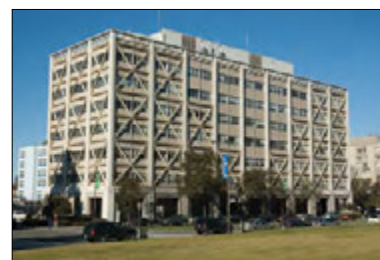


PROGRAM STAFF

Left to right: Mildred Flores, Cynthia Nie, Golden Bear, Asst. Director Carrie Brown, Stevie Jeung, Tyleen Kelly, Samantha Yan, Samuel Pierce



Washington Elementary School
Point Richmond, CA
ED Site Office



University Hall
UC Berkeley
ATDP Main Office

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Research participation. ATDP has a responsibility to conduct research that contributes new knowledge that leads to growth and improvement in our understanding of how academically talented students learn and how they can be better served. We ask our students and their families to assist in this effort by contributing between 1 and 3 hours per year to participating in this research. However, opting not to participate in research will in no way affect admission into the program. Before a student can participate in a study, ATDP gives detailed information about it to the student and his or her parent(s) and obtains their informed consent in writing.

Nondiscrimination statement. The University of California, in compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Age Discrimination Act of 1975, does not discriminate on the basis of race, color, national origin, sex, handicap, or age in any of its policies, procedures, or practices; nor does the University discriminate on the basis of sexual orientation. This nondiscrimination policy covers admission and access to, and treatment and employment in, University programs and activities, including but not limited to, academic admissions, financial aid, educational services, and student employment.

University of California, Berkeley
Academic Talent Development Program
Graduate School of Education
70 University Hall #1160
Berkeley, CA 94720-1160

510-642-8308
atdpoffice@berkeley.edu

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Berkeley



2020 CALENDAR

APPLICATION & NOTIFICATION DEADLINES – see p. 19 for details

	<i>Early</i>	<i>Standard</i>	<i>Extended</i>
POSTMARK DEADLINE	Wed., February 19	Wed., March 25	Thurs., June 11
ACCEPTANCE DECISION	Wed., April 1	Th., April 30	rolling (see p. 19)
TUITION DEADLINE	Wed., May 27	Wed., May 27	rolling (see p. 19)

REFUND DEADLINE	Wed., June 17	Last day to request a full refund
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WELCOME & ORIENTATION	Sat., July 11	Orientation for students and parents
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CLASSES	Mon., July 13	Elementary Division classes begin at Washington School
	Fri., July 31	Open House Most classrooms open for visiting parents and family
	Fri., July 31	Classes End