

2025-26 Session 4

April 6- June 12, 2026



Inspiring curiosity through a personalized, project-based learning experience

2025/26 Session 4 – Monday, April 6 to Friday, June 12, 2026

310.707.8538 | 500 CENTER STREET, EL SEGUNDO, CA 90245

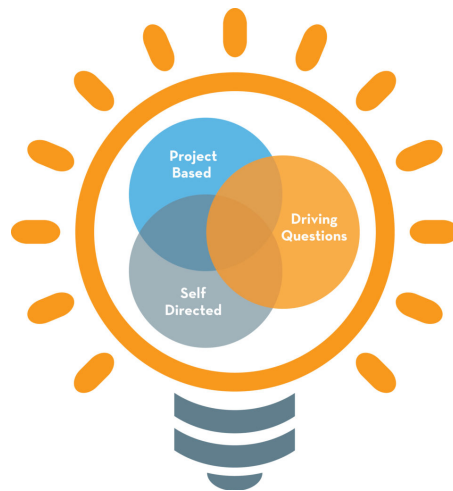
Nonprofit 501(c)(3) 81-4353194

Welcome to the LOFT!

Our mission is to inspire curiosity in students through a personalized, hands-on, project-based learning experience. We also strongly believe in the power of Socratic discussion and all classes are geared towards student engagement with the material through this method.

At The LOFT, our goals are to support, enhance, and develop a joy for learning. We're excited to inspire your children this year and beyond!

Our labs and one-to-one instruction are aligned with California Standards. We provide Da Vinci Connection and homeschool families with work journal documentation including quality work samples.



The LOFT Information Outline

Welcome to the LOFT!	2
Price and Billing	5
Donations	6
Monday	7
Schedule At-A-Glance	7
Tuesday	8
Wednesday	9
Thursday	10
Friday	11
The COHORT – The Journey Continues!	12
The Cohort (Tuesday/Wednesday)	12
The Cohort (Wednesday/Thursday)	13
Application for The Cohort	14
SCIENCE LAB DESCRIPTIONS	15
Forensics and Spy Science	15
Forensics: The Mystery of Solving Crimes	15
The Wide World of Science	15
How Stuff Works	15
MATH LABS DESCRIPTIONS	16
Demystifying Math	16
Math Support Lab	16
Grade Target: 3rd, 4th, 5th	17
Algebra I	17
CPM Math Upper-Levels, 2/3	17
Math U See	17
Math in Action: Exploring the World Through Data	18
High School Test Prep, ISEE/SSAT/SAT/ACT/AP Exams	18
ENGLISH & LANGUAGE ARTS & HISTORY DESCRIPTIONS	19
History Alive! The Medieval World	19
History Alive! California Enters the Fray	19
Story Builders: From Ideas to Authors	19

Pages of Possibility	20
Raise the Bar: building writing skills (IEW) *Check calendar for levels	20
Shadow puppetry: Stories from the Shadowlands	20
Creative Writing: Imaginarium Workshop	21
The LOFT Angeles Times, Research Topics	21
The Beauty of the Short Story	21
Say What? The Art of Debate	22
Culture Club	22
The Hamilton Education Project	22
AFTERSCHOOL OFFERINGS	2323
After the Bell	23
Spanish Immersion for Beginners + - Level 1, 2, and 3	23
Here Comes the Song: Exploring the Art of Songwriting	23
SPANISH DESCRIPTIONS	25
Spanish Immersion for Beginners + - Level 1, 2, and 3	25
COMPUTER SCIENCE DESCRIPTIONS	25
Coding from Scratch	25
TUTORING & SMALL GROUPS	26
ONE to One Tutoring – Private	26
TWO to One Tutoring – 2 learners	26
Small Group	26

2025-2026 Session 4 Schedule

The Loft is available for parent meet-ups and other pre-approved rental needs from our community. Please reach out to the Center Director if interested.

The Cohort program is best-experienced in-person and the expectation is the group will participate on campus unless illness, or such, prevents attendance.

First Day: Monday, April 6, 2026

Last Day: Friday, June 12, 2026

Duration:

- 10 Weeks of instruction this session
- 9 Weeks for Monday classes due to the holiday
 - No Labs on Memorial Day, Monday May 25, 2026
 - Spring Break March 30-April 3

Price and Billing

Type	Number of Meetings Per week/ Session	Hours Per Week	Hours Per Session	Session Price
Labs	1 per week 10 per session	2	20	\$440
Teen Cohort – “Big History Cohort” Teacher: Mr. David	Tue./Wed. 10 per session	5	50	\$1,100
Teen Cohort – “Origins to the Present”, Teacher: Mr. Trevor	Wed./Thur. 10 per session	5	50	\$1,100
Labs on Monday – less days due to Holiday	1 per week 9 per session	2	18	\$400
Science Labs *lab supplies	1 per week 10 per session	2	20	\$465
Culture Club *food supplies (Lunch included)	1 per week 10 per session	2	20	\$500
After the Bell *New afterschool homework hub	Mon-Fri, 3:00-6:00	Any	Any	\$35/hour
Tutoring – private 1 learner for one hour				\$90/hour

- Invoices will be sent out through QuickBooks and are due by the first day of the session. We are approved vendors for: Blueridge, ILead, and Suncoast (LOFT US). Payment is due the first week of class.
- You may now pay online via the payment portal (*signup required), or bring a check to the Loft for payment.
- All students will be given a LOFT email address upon enrollment/payment.
- Commitment and billing are for the full session.
- There are no refunds or make-up classes if you miss a lab.
- 24-hour notice is required for missed one-to-one tutoring.
- As a non-profit, the LOFT appreciates donations and timely payments.
- A price adjustment is provided for holidays or labs canceled by the LOFT.
- The LOFT may cancel a lab if the minimum number of students is not achieved or charge small group rates.

Payment

- You may now pay online via the payment portal (*free but signup required), or bring a check to the Loft for payment.
- Make checks payable to LOFT Academy US.
- CC Payments accepted with a 4% Square fee.

General

- ❖ Signed acknowledgment of policies and release of liability must be submitted prior to attending The LOFT.
- ❖ For in-person classes, social and food breaks are built into the day. Each hour is approximately 50 minutes of instruction.
- ❖ For in person classes, please bring a lunch/snacks and labelled water bottle.
- ❖ The LOFT is an electronic game free zone unless approval is given. Cell phone usage for parent/child communication only, please.

Hardship

The LOFT is a non-profit organization and committed to offering a personalized learning experience to all. To date, we are proud to say we have helped many families with reduced tuition assistance. Unfortunately, money only goes so far, and the LOFT's scholarship fund and discounting ability has been exhausted. However, if financial hardship is preventing you from participating, please provide evidence of hardship to see if an extended payment arrangement can be made. We hope to have new donations made in the near future by generous supporters to help additional family's financial needs.

Donations

It is through the generous donation of our community we are able to keep the cost for this premium learning experience so low. **Please consider The LOFT in your charitable contributions.** Donations help fund programs and extend our reach into the community to offer scholarships.

501(c)(3) 81-435519

Schedule At-A-Glance

Monday

Time	Subject	Grades	Title	Facilitator(s)	Cost
9:00 to 11:00					
9:00 to 11:00	ELA	5 th - 6 th	Loft Angeles Times	David	\$400
9:00 to 11:00	CS	4 th -8 th	Math Support Lab	Trevor	\$400
9:00 to 11:00	Math	1 st -2 nd	Demystifying Math	Veronica	\$400
11:30 to 1:20					
11:30 to 1:20	HS	6 th -7 th	History Alive! Ancient Civilizations	Trevor	\$400
11:30 to 1:20	ELA	5 th -8 th	Raise the Bar, Level 2	David	\$400
11:30 to 1:20	ELA	1 st -3 rd	Shadow puppets: Stories from The Shadowlands	Veronica	\$400
1:30 to 3:20					
1:30 to 3:20	Math	6 th -8 th	Real World Math	Trevor	\$400
1:30 to 3:20	ELA	6 th -8 th	Hamilton Education Project	David	\$400
1:30 to 3:20	Math	6 th -12 th	H.S. Test Prep Class (New Class!)	Brad	\$400
3:00 to 6:00					
3:30 to 4:30	ELA	1 st -12 th	Tutor	David	\$90
3:30 to 4:30	Math	1 st -12 th	Tutor	Trevor	\$90
3:00 to 6:00	HH	6 th -8 th	After the Bell – Homework done- evenings free	Staff	\$35/hr

Subject Key:			
ELA	English Language Arts	SEL	Social & Emotional Learning
Math	Math	HS	History and Social Science
CT	Critical Thinking	HH	Homework Hub
SC	Science	LAN	Foreign Language
PS	Problem Solving	CS	Computer Science

Tuesday

Time	Subject	Grades	Title	Facilitator(s)	Cost
9:00 to 11:00					
9:00 to 11:00	HS	4 th -5 th	History Alive: California Enters the Fray	David	\$440
9:00 to 11:00	HS	5 th -8 th	History Alive: The Medieval World	Trevor	\$440
9:00 to 11:00	Math	3 rd -5 th	Math in Motion	Veronica	\$440
11:30 to 1:20					
11:30 to 1:20	ELA	6 th -8 th	Creative Writing: Imaginarium Workshop	Trevor	\$440
11:30 to 1:20	ELA	3 rd -5 th	Raise the Bar, Level 1	Veronica	\$440
11:00 to 1:30	CT/PB/ELA/HS	6 th -8 th	Cohort: Big History (Day 1)	David	\$1,100
1:30 to 3:20					
1:30 to 3:20	SCI	5 th -8 th	Forensics: The Mystery of Solving Crimes	Trevor	\$465
1:30 to 3:20	ELA/Cooking	6 th -8 th	Culture Club	David	\$500
1:30 to 3:20	ELA	3 rd -5 th	Pages of Possibility	Veronica	\$440
1:30 to 3:20	ELA/Writing	3 rd -8 th	Story Builders: From Ideas to Authors *3 rd needs approval	TBD	\$440
3:00 to 6:00					
3:30 to 4:30	ELA	1 th -12 th	Tutor	David	\$90/hr
3:30 to 4:30	Math	1 th -12 th	Tutor	Trevor	\$90/hr
3:00 to 6:00	HH	6 th -8 th	After the Bell – Homework done- evenings free	Staff	\$35/hr

Subject Key:			
ELA	English Language Arts	SEL	Social & Emotional Learning
Math	Math	HS	History and Social Science
CT	Critical Thinking	HH	Homework Hub
SC	Science	LAN	Foreign Language
PS	Problem Solving	CS	Computer Science

Wednesday

Time	Subject	Grades	Title	Facilitator(s)	Cost
9:00 to 11:00					
9:00 to 11:00	ELA/Cooking	4 th -8 th	Culture Club	David	\$500
9:00 to 11:00	Math	6 th -8 th	Math Support Lab	Trevor	\$440
9:00 to 11:00	Math	3 rd -5 th	Math U See (*continuation)	Veronica	\$440
11:30 to 1:20					
11:00 to 1:30	CT/PB/ELA/HS	6 th -8 th	Cohort: Origins (Day 1) *class closed	Trevor	\$1,100
11:30 to 1:20	SC	4 th -6 th	Science: How Stuff Works (*continuation)	Veronica	\$465
11:00 to 1:30	CT/PB/ELA/HS	6 th -8 th	Cohort: Big History (Day 2)	David	\$0
1:30 to 3:20					
1:30 to 3:20	SC	5 th -8 th	Forensics and Spy Science	Trevor	\$465
1:30 to 3:20	ELA	4 th -6 th	Raise the Bar, Level 3	David	\$440
1:30 to 3:20	ELA	3 rd -5 th	Blossoming Book Club	Veronica	\$440
3:00 to 6:00					
3:30 to 5:20	ELA	4 th -9 th	After-School Immersion Spanish	Carlos	\$485
3:30 to 4:30	Math	1 th -12 th	Tutor	David	\$90
3:00 to 6:00	HH	6 th -8 th	After the Bell – Homework done- evenings free	Staff	\$35/hr

Subject Key:			
ELA	English Language Arts	SEL	Social & Emotional Learning
Math	Math	HS	History and Social Science
CT	Critical Thinking	PF	Homework Hub
SC	Science	LAN	Foreign Language
PS	Problem Solving	CS	Computer Science

Thursday

Time	Subject	Grades	Title	Facilitator(s)	Cost
9:00 to 11:00					
9:00 to 11:00	HS	6 th -8 th	History Alive: California Enters the Fray	David	\$440
9:00 to 11:00	Math	1 st - 2 nd	Demystifying Math	Veronica	\$440
9:00 to 11:00	ELA	6 th -8 th	Creative Writing: Imaginarium Workshop	Trevor	\$440
11:30 to 1:20					
11:00 to 1:30	CT/PB/ELA/HS	6 th -8 th	Cohort: Origins (Day 2)	Trevor	\$0
11:30 to 1:20	ELA	3 rd -5 th	Pages of Possibility	Veronica	\$440
11:30 to 1:20	ELA/Writing	3 rd -8 th	Story Builders: From Ideas to Authors *3 rd needs approval	TBD	\$440
1:30 to 3:20					
1:30 to 3:20	CS	3 rd -6 th	Scratch Coding	Trevor	\$440
1:30 to 3:20	ELA/CT/HS	6 th -8 th	Beauty of the Short Story	David	\$440
1:30 to 3:20	Math	6 th -8 th	Exploring Math Through Data	Veronica	\$440
3:00 to 6:00					
3:30 to 5:20	MUS	4 th -9 th	Here Comes the Song	Danny	\$440
3:30 to 4:30	Math	1 th -12 th	Tutor	Trevor	\$90
3:00 to 6:00	HH	6 th -8 th	After the Bell – Homework done- evenings free	Staff	\$35/hr

Subject Key:			
ELA	English Language Arts	SEL	Social & Emotional Learning
Math	Math	HS	History and Social Science
CT	Critical Thinking	HH	Homework Hub
SC	Science	LAN	Foreign Language
PS	Problem Solving	CS	Computer Science

Friday

Time	Subject	Grades	Title	Facilitator(s)	Cost
9:00 to 11:00					
9:00 to 11:00	ELA	1 st -3 rd	Shadow Puppets: Stories from the Shadowlands	David	\$440
9:00 to 11:00	SC	3 rd -5 th	The Wide World of Science	Trevor	\$465
9:00 to 11:00	Math	6 th -8 th	Algebra I	Brad	\$440
11:30 to 1:20					
11:30 to 1:20	SC	1 st -3 rd	Scratch Coding	Trevor	\$440
11:30 to 1:20	ELA	3 rd -5 th	Raise the Bar – Level 2	David	\$440
1:30 to 3:20					
1:30 to 3:20	HS	4 th -8 th	Math Support Lab	Trevor	\$440
1:30 to 3:20	ELA/CT/SEL	6 th -8 th	Say What? The Art of Debate	David	\$440
1:30 to 3:20	ELA/Math	6 th -12 th	H.S. Test Prep Class (New Class!)	Brad	\$
3:00 to 6:00					
3:30 to 4:30	ELA	1 th -12 th	Tutor	David	\$90/hr
3:30 to 4:30	Math	1 th -12 th	Tutor	Trevor	\$90/hr
3:00 to 6:00	HH	6 th -8 th	After the Bell – Homework done- evenings free	Staff	\$35/hr

Subject Key:			
ELA	English Language Arts	SEL	Social & Emotional Learning
Math	Math	HS	History and Social Science
CT	Critical Thinking	HH	Homework Hub
SC	Science	LAN	Foreign Language
PS	Problem Solving	CS	Computer Science

The COHORT – The Journey Continues!

The Cohort has grown! We are now offering two separate collaborative groups for the new school year! The Cohort is an **engaging, project-based, academic program designed to develop critical thinkers while expanding social skills**. Each program is designed for a small group of early teens to move through the yearlong curriculum together. The small group setting promotes trust within the peer-group to facilitate deep and lively conversations that stimulate critical thinking, cooperation, and social skills.

The Cohort meets twice a week and is designed to build a community of inquiry over the course of the year. 21st century skills will be developed through collaboration, research, questioning, and analyzing with peers in academic areas such as sourcing, causation, close reading skills, clear writing expectations with regular feedback, and contextualization.

As members of the Cohort pursue their studies, they will receive guidance and support from teachers, David Chrzanowski and Trevor Graham-Wilcox. Together, David and Trevor bring over 25 years of experience leading constructivist style learning, social-emotional development, and problem-solving skills.

The consistency of the cohort members and the length of time they spend together builds trust and promotes deep learning and lively discussions. The topics are designed to exercise academic muscle and promote critical thinking as well as social and emotional learning.

The Cohort meets 18 times over 9 weeks, for a total of 35 hours of group instruction.

The Cohort (Tuesday/Wednesday)

***This class meets on Tuesday and Wednesday from 11:00am to 1:30pm.**

Session 1-4: BIG HISTORY

Grade Target:	early teens
Meeting frequency:	TWO times per week on Tuesday AND Wednesday
Time:	11:00am - 1:30pm
Number of meetings	18 meetings spanning 9 weeks on Tuesdays and Wednesdays
Facilitator:	David Chrzanowski
Subjects covered:	Claim testing, reading, writing, historical evidence, critical thinking, and problem solving.
Commitment:	Year-long commitment strongly recommended

Description:

Harness the curiosity and creativity of your students with a supercharged social studies curriculum that gets beyond facts. Following the curriculum with inspired

Socratic discussion, students in this lab will draw mind-blowing connections between past, present and future. Big History delivers a big picture look at the world, and helps students develop a framework to organize what they're learning both in and out of school. After they leave this class, students will have a better understanding of how we got here, where we're going, and how they fit in. It's a place that was 13.8 billion years in the making. This lab will be modified to fit into the Loft's weekly time block and will continue into the next session.

Our goal is to model and build a *Culture of Thinking* from which we will investigate emergent interests, issues, and problems in a trusting environment of engaged learners that leads us forward into a sustained *Community of Inquiry* over the coming sessions of the year.

The Cohort (Wednesday/Thursday)

***This class meets on Wednesday and Thursday from 11:00am to 1:30pm.**

Session 1-4: Origins to the Present

Grade Target:	early teens
Meeting frequency:	TWO times per week on Tuesday AND Wednesday
Time:	11:00am - 1:30pm
Number of meetings	18 meetings spanning 9 weeks on Wednesday and Thursdays
Facilitator:	Trevor Graham-Wilcox
Subjects covered:	Writing, claim testing, reading, critical thinking
Commitment:	Year-long commitment strongly recommended

Description:

This turbo charged class will explore human history before humans existed and will culminate in our present moment. We'll attempt to make sense of the present through historical evidence and diverse narratives connecting students to people, places, and events in history to better understand the problems of today, all the while readying themselves for a better future. Reading and writing will be rigorous and challenging. To guide students lexiled reading and clear expectations in our writing projects will be tailored to the incoming class.

Our goal is to model and build a *Culture of Thinking* from which we will investigate emergent interests, issues, and problems in a trusting environment of engaged learners that leads us forward into a sustained *Community of Inquiry* over the coming sessions of the year.

Home Practice:	Yes, approximately 1.5 – 3 hours per week
Materials:	Students are asked to bring their own laptop to class.
Chromebook:	The Cohort will make use of online work in class and at home on their project work. If you do not have a Chromebook or access to a

	computer with a Chrome browser, we have a limited number that can be used while at The Loft.
Work journal support:	Work samples and description of class progress will be provided via Google Docs for you to fulfill DVC work journals or charter school proof of learning requirements.
Grade Target:	7th – 8th Cohort (*6th and 9th with approval)
In-person attendance	Due to the nature of hands-on projects and the lively discussion, the Cohort is best delivered in-person.
Commitment:	The Cohort is designed to build a community of inquiry over the course of the academic year. As such, students are highly encouraged to attend all sessions.

Application for The Cohort

Inclusion in The Cohort is based on an application and a family interview to ensure a good fit. True to our mission statement, class size will be limited to a 10:1 teacher to student ratio.

If interested in joining The Cohort, please contact Center Director to apply and we will schedule a family interview.

Student Questionnaire

Please have your student print and complete the “Student Questionnaire” document to bring with them during their interview.

<https://www.loftacademy.org/wp-content/uploads/2019/08/STUDENT-QUESTIONNAIRE-MSc.pdf>

SCIENCE LAB DESCRIPTIONS

Forensics and Spy Science

Grade Target: 6th-8th

Facilitator: Trevor

Materials: Included

Description: As we continue to solve mysteries and develop our knowledge of forensic techniques, we will also learn about "tradecraft" -- the tactics used by spies and intelligence officers. Students will practice stealthy skills like cryptography, memory enhancement, disguising, and crafting undercover gadgets. Go undercover with this class that blends science, engineering, and history.

Forensics: The Mystery of Solving Crimes

Grade Target: 5th -8th

Facilitator: Trevor

Materials: Included

Description: Step into the world of real-life crime-solving in this hands-on forensic science class! Students will investigate mysteries using the same techniques as professional crime labs. We will get into fingerprint and footprint analysis, chromatography, fiber and hair examination, bite markings, and more. Along the way, they'll build critical thinking skills, learn to follow evidence, and uncover the real-world history of the various techniques. Get curious, get suspicious, and get your detective hats on!

The Wide World of Science

Grade Target: 3rd-5th

Facilitator: Trevor

Materials: Included

Description: Get ready to uncover the beauty and complexity of the world around us! In his class, we will be learning about many different types of science and doing fun, hands-on experiments and observations as we go. After learning and practicing the scientific method, we take an interactive tour of the branches of physical and life sciences including chemistry, botany, weather, paleontology, and more. Students will be able to get messy, creative, and curious as they find out how to be a scientist.

How Stuff Works

Grade Target: 3rd-5th

Facilitator: Veronica

Materials: Included

Description: Ever wonder why some things taste sour while others taste sweet? Why does one side of a magnet push away while the other side pulls tight? How do people see color, and why can a shrimp see more colors than you do? Why are the days shorter in winter and longer in summer?

What makes gooey cake batter turn into a yummy cake? All these questions and more can be answered by science!

Taste? That's biology and chemistry working together! Magnets? That's physics! Color? That's biology! Daylight changes? That's astronomy! And can you believe that baking is chemistry!? In "How Stuff Works," we will explore the world around us through science and discover just how much we interact with it in everyday life.

MATH LABS DESCRIPTIONS

Demystifying Math

Grade Target: 1st, 2nd

Facilitator: Veronica

Materials: Included

Description: Finally, a class for young mathematicians! Number sense is essential for building a strong math foundation, and this engaging class helps children develop it with confidence. Through fun activities and hands-on learning, students will strengthen their understanding of numbers, enhance flexible thinking, and build problem-solving skills in a supportive environment.

Math Support Lab

Grade Target: 6th-8th

Facilitator: Trevor

Materials: Will be discussed on first day

Description: We all know it can be difficult to keep the momentum going throughout the week and find support when you are stuck in the math mud. This class is designed for middle school students who would benefit from help in achieving their weekly work goals for CPM or homeschool curriculum. We will share strategies, work through examples, explore areas of struggle, correct past work or tests, and find paths forward. On days in which students do not have assignments to complete, we will provide relevant extensions (practice, projects, games) for their learning.

Math in Motion

Grade Target: 3rd, 4th, 5th

Facilitator: Veronica

Materials: Included

Description: No busy work! No worksheet! No homework! Just a lot of fun with math, and their Chromebook, laptop, tablet. In this class students will learn and want to collaborate, critically think, and discuss about math. We will make fact fluency fun, fast & furious. Students will be delving into abstract ideas, completely reimagining math from daunting to exciting. Concepts will be invigorating and challenging. After this class, students will be able to tackle mathematical problems by seeing the endless possibilities!

Algebra I

Grade Target: 7th, 8th

Facilitator: Brad

Materials: Included

Description: A smaller and more purposeful class aimed at aiding students who want to move ahead in math in middle school and high school. The course will cover the material from Algebra I in a fun and different way as we work on understanding and facility with the concepts and topics from basic algebra equations to proofs and an intro to advanced topics.

CPM Math Upper-Levels, 2/3

Grade Target: 7th, 8th

Facilitator: Brad

Materials: Students will be asked to bring their current CPM lessons, either printed or on their laptop.

Description: This lab is intended for 7th-8th grade students that are using the CPM 2 or 3 curriculum. Students will work on completing and making corrections on their current assignments while receiving tutoring on the content as needed. We will follow the timeline for assignments provided to DV Connect students. Brad has tutored groups of junior high and high school students in a similar fashion and is looking forward to helping students at the LOFT with this same model. Some of the benefits of this model include; having an intentional space and adequate block of time for students to study and complete their work, the presence of a tutor to help with challenging content, learning through working collaboratively and helping fellow students and the opportunity to practice organizational and study skills.

Math U See

Grade Target: 4th, 5th

Facilitator: Veronica

Materials: Math-U-See – Assessment given on the first day to determine level

Description: We will be using the Math-U-See curriculum as the foundation, and practice. Math-U-See is a mastery-based curriculum that will help your student gain confidence and attain mastery in their level. During this lab, we will use the Open-up curriculum to dissect math, using the critical thinking process of math, and developing their number talk. Students will problem-solve and think critically as they deepen and advance their math skills. Puzzles, stories, and other creative entry points will help each student grasp each concept.

Math in Action: Exploring the World Through Data

Grade Target: 6th-8th

Facilitator: Veronica

Materials: Included

Description: In this dynamic enrichment class, students become real-world investigators as they explore how data can reveal the fascinating patterns behind human behavior. Each session blends interactive learning with hands-on projects, giving young analysts the chance to collect information, make observations, interpret trends, and draw meaningful conclusions about how people think, act, decide, and respond.

Students will dive into mini-experiments, surveys, games, simulations, and collaborative challenges that bring psychology and data science together. They'll learn how to ask curious questions, gather reliable data, organize it visually, and use it to better understand the "why" behind everyday actions. From decoding decision-making to examining habits, reactions, and preferences, every week offers a new opportunity to uncover hidden patterns.

By the end of the program, students will have built a portfolio of engaging projects that reflect their growing skills as thoughtful observers, critical thinkers, and creative problem-solvers. Perfect for curious minds, future scientists, and anyone interested in how numbers can tell the story of people.

Continuing from the last session and open to new students, this class introduces fresh real-world applications for returning students to deepen their understanding while newcomers join seamlessly.

High School Test Prep, ISEE/SSAT/SAT/ACT/AP Exams

Grade Target: High School students preparing for college

Facilitator: Brad

Materials: Included

Description: Standardized tests can be daunting! Let us help your student get a leg up and learn some strategies to boost those scores! So much of the testing experience is about reading the codes and using the information to select the best answer. Brad is more than prepared to help you reach your true potential!

ENGLISH & LANGUAGE ARTS & HISTORY DESCRIPTIONS

History Alive! The Medieval World

Grade Target: 5th-8th

Facilitator: Trevor

Materials: Included

Description: When we think about the Middle Ages (500-1500 C.E.), we might think of catapults, crusades, and rotten meat. While we can easily gasp and giggle at life in “Dark Ages” Europe, there is so much more to these 1,000 years of human history. In this class, we will zoom in on the bizarre and beautiful of 13th century England while also introducing students to the vibrant cultures that emerged around the world, in places like West Africa, Japan, and the Islamic world. To put their learning into practice, students will have the opportunity to develop a board game as the class rolls along. So, roll the dice and find out what awaits when we travel back to the time of Samauri warriors and leech collectors!

History Alive! California Enters the Fray

Grade Target: 4th/5th

Facilitator: David

Materials: Included

Description: From Queen Califia’s Island to ‘striking it rich’ and beyond, *California Enters the Fray* will explore the events preceding our entry as the 31st state in the union on September 9th 1850. As with all of our ‘History Alive’ classes, this dynamic lab will focus on hands-on projects, and role play to help lift our history off the page. One of our sources for this class is Kevin Starr’s excellent book, “California: A History”, published in 2005.

Story Builders: From Ideas to Authors

Grade Target: 3rd- 8th

Facilitator: Veronica

Materials: Included

Description: Embark on a creative writing adventure where students become real authors by crafting and publishing their own short stories each session. Young writers will explore major genres—fiction, personal narrative, journalism, and nonfiction—while learning the story elements that make writing engaging and meaningful.

Pages of Possibility

Grade Target: 3rd-5th

Facilitator: Veronica

Materials: Students will need a composition notebook.

Description: Pages of Possibility is a mindfulness-based creative journaling class where students learn to slow down, notice their thoughts, and express themselves with clarity and imagination. Using interactive notebooks, each session introduces a new guided activity—mindful journaling, breathing prompts, doodle meditations, gratitude pages, mood trackers, and thoughtful reflection challenges.

As students build pages week by week, they strengthen focus, self-awareness, emotional confidence, and creative expression. By the end of the session, every student will have a unique, meaningful notebook that supports mindfulness, imagination, and personal growth.

Raise the Bar: building writing skills (IEW) *Check calendar for levels

Grade Target: 3rd, 4th, 5th, 6th 7th

Facilitator: David/Veronica

Materials: Included

Description: Reading is language function, while writing is a motor function. This class will merge the two using key-word outlines. We will build the skills to succeed: helping students understand that research, organizing, clarifying ideas, and improving grammar and presentation are all essential to strong writing. I'm following along with Ken Pudewa's Student Writing Intensive process. It is important to note that this is a technical approach to mastery through developing and practicing a new skill in graduated steps.

Shadow puppetry: Stories from the Shadowlands

Grade Target: 3rd, 4th

Facilitator: Veronica

Materials: None

Description: What is the nature of true bravery? Is bravery always the best choice? Is being cunning an example of bravery or cowardice? Which is more important, honor or

survival? How can we know the reasons for someone's behavior? This class will revolve around the history and building of shadow puppets through the ancient world of folktales. We'll practice sequencing skills, engage in lively discussion around the stories as we collaboratively design and build our own puppets.

Creative Writing: Imaginarium Workshop

Grade Target: 5th-8th

Facilitator: Trevor

Materials: Included

Description: Is there anything more fun and unlimited than imagining a world of your own design? Using the Imaginarium creative writing curriculum, students will strengthen their creative thinking and free themselves to become more innovative and complex in their writing. They will be given the opportunity to invent a magical new world, gaining inspiration from their own interests and the world around them. Through various unique exercises, students will not only sharpen their writing and imaginations, but also their listening, speaking, collaboration, and problem-solving.

The LOFT Angeles Times, Research Topics

Grade Target: 5th -8th

Facilitators: David C.

Materials: Please have an active library card from the El Segundo branch

Description: This class is going to switch up the traditional newspaper research and shift our emphasis to hand-writing a research paper. We'll demystify the ancient art of researching without a computer as we practice creating bibliography cards, outlines and other resources at the library to write a paper we can be truly proud of. Classes will occasionally meet at the El Segundo Library.

The Beauty of the Short Story

Grade target: 6th- 8th

Facilitator: David C.

Materials: Books needed for purchase: "Flying Lessons & Other Stories" (Edited by Ellen Oh), and "Been There, Done That- Writing Stories From Real Life" (Edited by Mike Winchell).

Description: In this lab, we will read examples of great short stories based on the student's interests and then work on developing the student's own story ideas in an intimate, supportive, master class type environment.

Say What? The Art of Debate

Grade Target: 6th-7th

Facilitator: David

Materials: None

Description: A number of studies have reported that participation in debate increases critical thinking skills with students. Debate participation promotes problem solving and innovative thinking, and helps students to build links between words and ideas that make concepts more meaningful. Students will learn to see the value in both sides of an issue. As F. Scott Fitzgerald once said, “The test of a first-rate intelligence is the ability to hold two opposed ideas in mind at the same time and still retain the ability to function.”

Culture Club

Grade target: 4th -8th (3rd with approval)

Facilitator: David C.

Materials: Additional fee included in tuition for shopping materials. Please advise Center Director if any allergies are present with student.

Description: Students will still explore and experience world cultures in this ‘foodie’ immersive lab and also make their own lunches! Together we will build a definition of the word ‘community’ by looking at geological, historical changes, through the kitchen. We will read stories from different countries, explore those cultures on a map, and cook and eat foods when we can that represent various cultural traditions. In addition, students will celebrate and write stories around various cultural traditions.

The Hamilton Education Project

Grade target: 5th -8th

Facilitator: David C.

Materials: none

Description: The Hamilton Education Program Online is a primer for studying Alexander Hamilton and the Founding Era. When the students have completed the activities in the Hamilton Education Program Online, they will have a greater knowledge of the Founding Era, familiarity with reading and understanding primary sources, and experience using primary sources to create their own interpretations of Founding Era events, as Lin-Manuel Miranda did in the musical Hamilton. The foundation of studying history is the analysis of primary source documents, but 18th-century texts can be difficult for young secondary students. The study of primary sources in this guide will start with the analysis of an image and then move on to the analysis of two texts. The class will culminate in either a student created project or virtual performance.

AFTERSCHOOL OFFERINGS

After the Bell

Grade Target: Middle School Students in El Segundo

Facilitator: Staff

Materials: Students bring in their own schoolwork

Meets: Monday-Friday, 3:00-6:00

***Requires sign up on line for days/times desired (\$35hr)**

Description: Our afterschool homework program is design especially for El Segundo Middle School students. Right after the last bell rings, students can walk over to our welcoming space to complete assignment's, study for tests, and get light academic support from our friendly staff. By the time you pick them up, homework can be out of the way!

Parents can enroll student for any day of the week, for any hours between 3:00-6:00.

Spanish Immersion for Beginners + - Level 1, 2, and 3

Grade Target: Appropriate for anyone interested in learning Spanish

Facilitator: Carlos

Materials: Included

Meets: Wednesday, 3:30-5:20

Description: The most effective way to learn something new is to do it! Through projects such as cooking, science, board games, and other fun-filled activities, Spanish vocabulary and phrases will be heard/spoken/read/written and brought to life through the relevance of the activity.

Here Comes the Song: Exploring the Art of Songwriting

Grade Target: 4th-8th

Facilitator: Danny

Materials: Optional: bring any instrument of interest, even if a beginner.

Meets: Thursdays, 3:30-5:20

Description: Under the mentorship of award-winning singer-songwriter, Danny Hamilton, students will embark on a multifaceted journey into songwriting, blending musical arts with literature, history, and technology. Through literary analysis, they'll dissect classic and modern tracks to understand their thematic underpinnings and narrative techniques, differentiating between verses, choruses, bridges, and pre-choruses. As they explore historical contexts of genres and artists, a project-based learning model will allow participants to draft and refine lyrics, melodies, and rhythms,

culminating in their own original class-composition. Beyond music, the class dives into technological education, offering insights into the recording process, from the physics of sound to digital production tools. Embracing flexibility, the curriculum evolves based on student interests. Beginners to advanced alike are welcome!

SPANISH DESCRIPTIONS

Spanish Immersion for Beginners + - Level 1, 2, and 3

Grade Target: Appropriate for anyone interested in learning Spanish

Facilitator: Carlos

Materials: Included

Description: The most effective way to learn something new is to do it! Through projects such as cooking, science, board games, and other fun-filled activities, Spanish vocabulary and phrases will be heard/spoken/read/written and brought to life through the relevance of the activity.

COMPUTER SCIENCE DESCRIPTIONS

Coding from Scratch

Grade Target: 3rd-6th

Facilitator: Trevor

Materials: Included

Description: Embark on an exciting journey into the world of coding with this beginner course. Students will be introduced to the fundamentals of computer programming through fun and interactive projects using Scratch, a user-friendly visual programming language developed by MIT. In this class, kids will unleash their creativity as they learn how to create their own animations, stories, and games. We will also use non-screen games, challenges, and demonstrations to learn the concepts and skills behind coding such as sequence and problem-solving. Students will explore Scratch's intuitive interface, drag-and-drop coding blocks, and colorful sprites to bring their ideas to life on the screen.

TUTORING & SMALL GROUPS

ONE to One Tutoring – Private

Grade Target: 1st to 12th

Schedule: Monday to Friday available

Price: \$90

Time: per hour

Description: We offer comprehensive, one-to-one tutoring in all subject areas from 1st-12th grades. Whether your young one needs a little foundational support, full intervention, or just a boost - let us help you reach your academic goals.

TWO to One Tutoring – 2 learners

Grade Target: 1st to 12th

Schedule: Monday to Friday available

Price: \$50 per learner

Time: per hour

Description: We offer comprehensive tutoring in all subject areas. Partner up with a buddy at a similar academic level and enjoy the fun of learning together. Whether your young one needs a little foundational support, full intervention, or just a boost - let us help you reach your academic goals.

Small Group

Grade Target: 1st to 12th

Schedule: Monday to Friday available

Price: \$500 per learner for a 11-week session. A small group has 4 learners (or more at the group's request).

Time: Small groups meet for 2 hours.

Description: The LOFT will design a Lab to meet your specific needs for your small group.
