

# SCHOOL OF ENGINEERING AND SCIENCES

Interested in attending SES?  
Visit: [www.seshs.org](http://www.seshs.org)

Questions? You can stay connected using the information below:

📞 916 395-5040

🌐 [www.seshs.org](http://www.seshs.org)

📷 Instagram: [sesrockets](https://www.instagram.com/sesrockets)

Tours & Info Sessions Available @ [www.seshs.org](http://www.seshs.org)

## Mission

The School of Engineering and Sciences provides open access to a rigorous academic and technical course sequence. We insist on high levels of learning for all students with the ultimate goal of increasing the diversity of the science and engineering workforce living and working in Sacramento.

To accomplish our mission we invest in the following school pillars:

**Academic Core:** STEM curriculum is organically integrated into all content areas through hands-on, problem-based learning. All students take an UC approved a-g course sequence that prepares them to enter the post-secondary option of their choosing.

**Technical Core:** By powerfully preparing students for study and careers in engineering and science industries, SES helps to create the highly skilled problem-solvers needed by Sacramento's growing manufacturing and technology companies.

**Work-Based Learning:** SES will provide scaffolded and sequenced work-based learning experiences for all students such as guest speakers, job shadows, and internships.

**Student Support Services:** We have put systems in place to support students' academic, social and emotional needs. The SES community supports students in developing exceptional study skills, setting graduation goals, and planning for college and career. Students emerge from SES as highly functioning citizens, prepared to contribute to the global community.



Increasing *creative confidence* through **Linked Learning**

WHAT I LIKE ABOUT **my pathway**

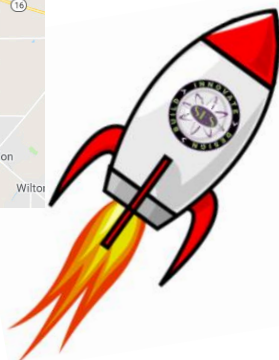
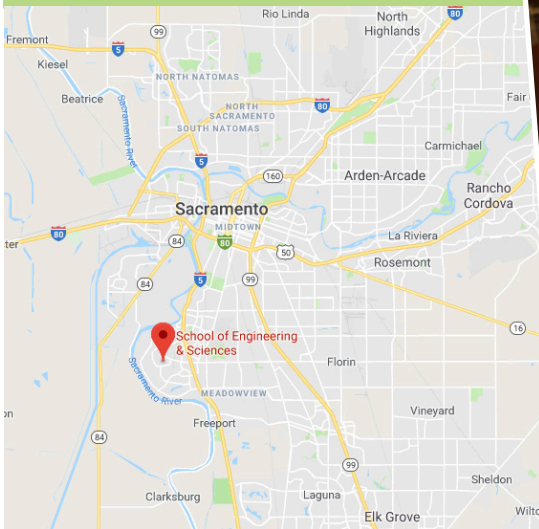
**“School is actually fun now because of all the hands-on projects that we do”**

- Saul A., Class of '15

**“I love that I can learn from real people working in the field of engineering”**

- Desiree J., Class of '17

**“My teachers and courses here helped me get ready for college and career”** - Heavenne O., Class of '24



We're located @  
7345 Gloria Drive  
Sacramento, CA 95831

Linked Learning Silver Certified



a California Gold Ribbon School

a California Distinguished School



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Instagram: [sestroockets](https://www.instagram.com/sestroockets)

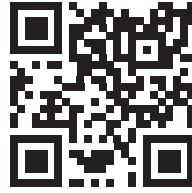
SUBJECT	MIDDLE SCHOOL AND HIGH SCHOOL COURSES						RELATED OCCUPATIONS
	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>	
Engineering	Engineering 7	Engineering 8	Principles of Engineering <sup>^</sup>	CPU Asst. Design <sup>*,^</sup>	Intro Engineering & Energy <sup>*,^</sup>	Adv. Engineering & Energy <sup>^</sup>	High School Diploma Vehicle/Machine Mechanic Building Maintenance Tech Electrician
Language Arts	ELA 7*	ELA 8*	ELA 9 <sup>^</sup>	ELA 10 <sup>^</sup>	ELA 11* <sup>^</sup> APELA <sup>^</sup>	ELA 12 <sup>^</sup>	2 Years College (AA) or Certificate Energy Auditor Laboratory Technician Engineering Technician Machinist
Social Science	World History 7*	US History 8*	Geography/ Ethnic Studies <sup>^</sup>	World History <sup>^</sup> AP World Hist <sup>*,^</sup>	US History <sup>^</sup> AP US Hist <sup>*,^</sup>	Government/ Economics <sup>^</sup>	Production Welder Computer Aided Drafter Mechanics Technologist
Science	Life Science 7*	Physical Science 8*	Physics/Clean Energy-eering <sup>^</sup>	Biology <sup>^</sup> AP Bio <sup>*,^</sup>	Chemistry <sup>^</sup>		4 Years College or More Electrical/Mechanical/ Civil/Environmental/ Energy Engineer Architect Computer Programmer/ Software Developer Research Scientist Chemist
Math	Math 7/ Math 7+	Math 8/ Math 8+	Math 1 <sup>^</sup>	Math 2 <sup>^</sup>	Math 3 <sup>^</sup>	College Ready Math <sup>^</sup> Pre-Calculus <sup>*,^</sup> AP Comp Science <sup>*,^</sup>	
Language					Spanish 1 <sup>^</sup>	Spanish 2 <sup>^</sup>	
P.E.	P.E.	P.E.	P.E.	P.E.			
Fine Arts						Drama <sup>^</sup>	

\*denotes a course that has a GATE, AP, or other option to earn college credit

<sup>^</sup>denotes a course that meets UC a-g requirements

For more information on SCUSD's other Linked Learning Pathways, visit [www.scusd.edu/linkedlearning](http://www.scusd.edu/linkedlearning)

Scan this QR code to check us out online!



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FIRST Robotics  
FIRST Tech Challenge  
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