



# Sussman Middle School Realizes High Gains on the Math Portion of the CAASPP State Assessment

Downey Unified School District is home to over 30,000 students. Nearly 1,000 dedicated educators strive every day to develop each student to be a self-motivated learner and productive, responsible and compassionate member of an ever-changing global society. With over twenty individual schools, the district prides itself on fostering meaningful relationships with students, parents, and the community while providing a relevant and rigorous curriculum in facilities that advance teaching and learning.

Sussman Middle School, one of four middle schools within the district, implemented Let's Go Learn's personalized instruction solution, *LGL Math Edge* in January 2018. After less than half a year, educators witnessed noticeable growth. The school was outperforming all other middle schools in the district, and they made significant gains in both 6th and 8th grade on the CAASPP state assessment, also known as the SBAC assessment.

## SUSSMAN MIDDLE SCHOOL AT A GLANCE

<i>Sussman Middle School Student Demographics</i>		
<b>Grades</b> 6 to 8	<b>Students</b> 1,153	<b>FRL</b> 77.9%
<b>Hispanic</b> 88.2%	<b>African American</b> 4.7%	<b>White</b> 3.5%
<i>2017 Math Results on SBAC (Proficient or Above)</i>		
<b>6th Grade:</b> 26.4%	<b>7th Grade:</b> 22.9%	<b>8th Grade:</b> 19%
<i>2018 Math Results on SBAC (Proficient or Above)</i>		
<b>6th Grade:</b> 36.4% <b>(10% Gain)</b>	<b>7th Grade:</b> 23.0% <b>(0% Gain)</b>	<b>8th Grade:</b> 23.5% <b>(5% Gain)</b>

**DOWNEY UNIFIED SCHOOL DISTRICT, CA**



### GOALS:

To employ data-driven personalized instruction solutions to improve student learning

### CHALLENGES:

Sussman Middle School serves a diverse student population. The team needed to find an effective way to personalize learning and track data on student progress across Math during the school day.

### BENEFITS:

Let's Go Learn deploys automated personalized instruction based on diagnostic testing. Educators can access advanced data reports to inform support efforts, programs, and adjust each student's learning path.

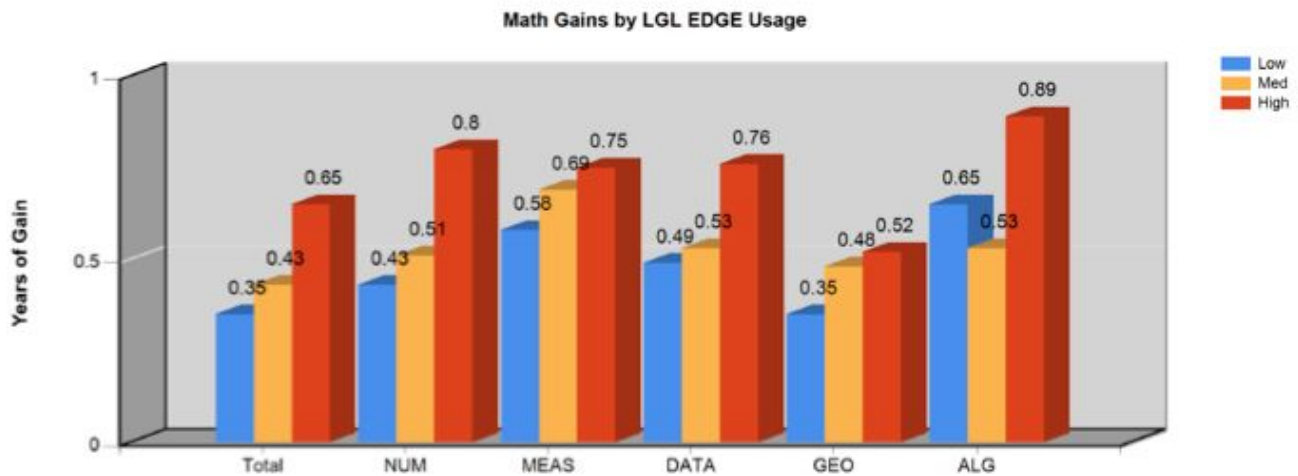
### OUTCOMES:

*LGL Math Edge* allowed Sussman Middle School to:

- Elevate organization conversations around assessments and instruction
- Integrate individualized math instruction into classrooms to ensure improved student learning outcomes
- Make significant gains in both 6th and 8th grade on the

The report below, which is automatically generated by the *LGL Data Portal* after a post-assessment has been completed, shows gains for ALL students in grades 6 to 8. The pre-post period was from the start of the year, even though *LGL Math Edge* usage was only from January to early May, approximately 20 weeks.

CAASPP state assessment (SBAC)



Category	Total	Num & Op	Meas.	Data	Geo.	Alg.	Total Count
Low	0.35	0.43	0.59	0.48	0.35	0.64	216
Medium	0.43	0.51	0.69	0.52	0.48	0.52	522
High	0.65	0.80	0.75	0.76	0.52	0.89	329

Sites: Sussman MS

Start Date: 9/1/2017    Grade Start: 6    Outlier Level: None

Start Date: 5/30/2018    Grade End: 8.99    Low: <3.6 hours Med: 3.6-11.9 hours High: 11.9+ hours

As indicated in the chart, students with higher *LGL Math Edge* usage of about 1+ hour a week outperformed students with lower usage by 85%, according to the "Total" math score. Within each of the five major mathematics strands, they had consistently greater gains, ranging from 30% to 86%. Gains in grades 6 and 8 on the CAASPP correlated with a further breakdown of student usage by grade level. Seventh-grade students fell within the lower usage group, which was consistent with the lack of CAASPP gains. Overall, these results are valid and significant, given the large sample sizes of 216, 522, and 329 in each of the three leveled usage groups examined. To learn more about this journey, watch the [Sussman Middle School spotlight video](#).

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*My students love the program. My favorite thing about it is how tailored it is to student needs, filling in gaps and addressing those essential skills they really need, but I may not get to in my regular classroom.”*

Math Teacher  
Sussman Middle School, CA