

# BUSD Programs for Advanced Learners

## Slide Show

<https://animoto.com/play/J4pjyJNvy7sr9ellzC1Oew?autostart=1>

# APEX (Academic Potential and Excellence Program)

- Funded by BUSD and UCB Chancellor's Community Partnership Fund
- Created in partnership with BUSD, ATDP, BALSAs
- Student Identification Process

## BUSD Programs 2015-16

Season/Yr.	# of students	Time	Program/Topic	Schools
Fall 2015	(60) 4th and 5th Graders	5 week Program 2.5 hrs. After school	Lawrence Hall of Science and Math Circles	11 elementary schools: Washington and Rosa Parks
Spring 2016	(110) 4th and 5th Graders	8 week Program	Lawrence Hall of Science and Math Circles or Curved Blackboard	
Demographics: 46% white, 35% students of color, 19% students of 2 or more races (138 unique students served)				

# Challenges

## Transportation

Time

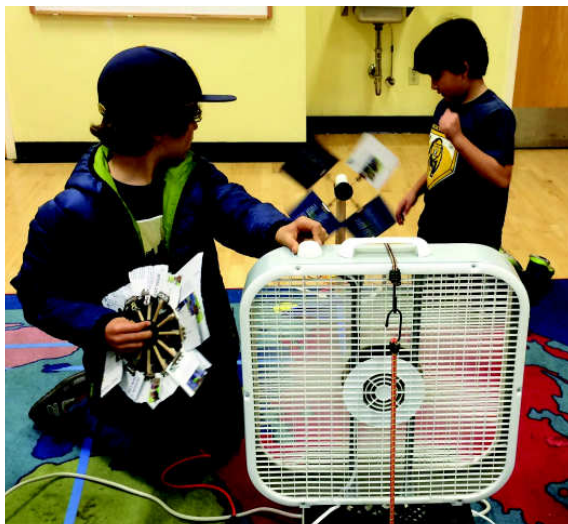
Schedule

## Logistics

Space available

Family conflicts

Days available



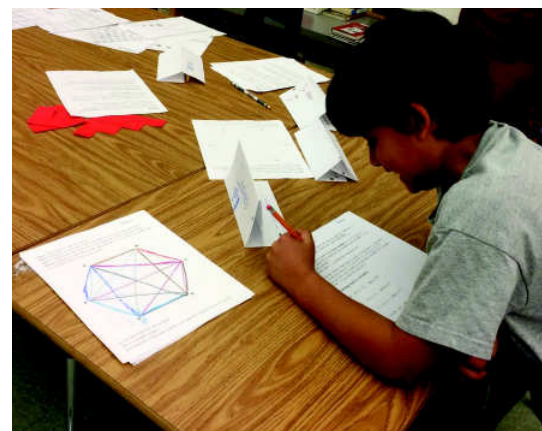
Designing, building and testing wind turbines



Learning about voltage



Dissecting squid



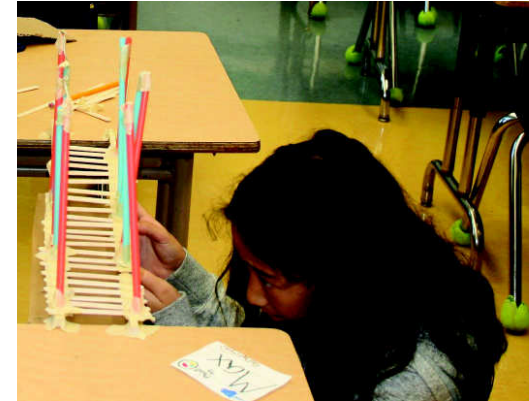
Learning about combinatorics in Math Circles

## BUSD Programs 2016-17

Season/Yr.	# of students	Time	Program/Topic	Schools
Fall 2016	(75) 4th and 5th Graders	Weeks 1-3  3 hrs	Science, Technology, Engineering, Arts, and Math	11 elementary schools: Washington
<u>Showcase</u> March 15, 2017 12:30-2 p.m. Washington		Weeks 4-9  3 hrs.	Students will work on a special project within their chosen field	
Demographics: 40% students of color, 17% SED, 20% EL or Primary Language other than English, 41% female				



Designing, building and testing the strength of bridges in Engineering



Drawing a house using Javascript in Technology





Drawing the universe in Science



Creating and performing sketches in Arts



Learning about supply and demand in Math

# Next Steps

## Professional Development for Teachers

- Differentiation in classrooms
- Google Certification
- Curriculum Review and Assessment

## Professional Learning Communities

- How will we respond if they already know it? (gifted)