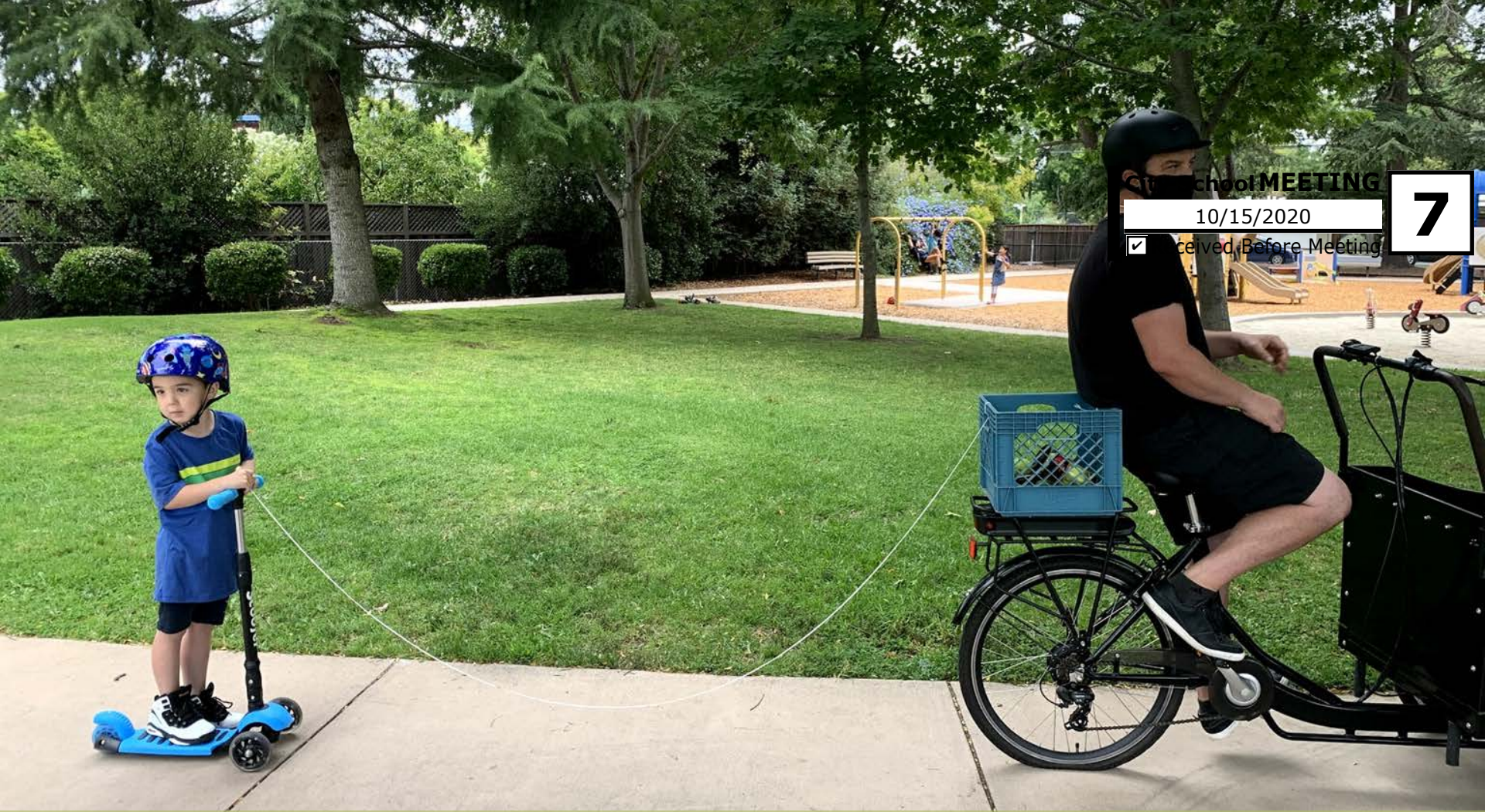


**Presentation for the**

**October 15, 2020**

**City School Liaison**  
**Committee Meeting**



City School MEETING  
10/15/2020  
 Received Before Meeting

7

# Safe Routes to School Annual Update

## City School Liaison Committee

**OCTOBER 15, 2020**

**[cityofpaloalto.org/saferoutes](http://cityofpaloalto.org/saferoutes)**

# SRTS Mission

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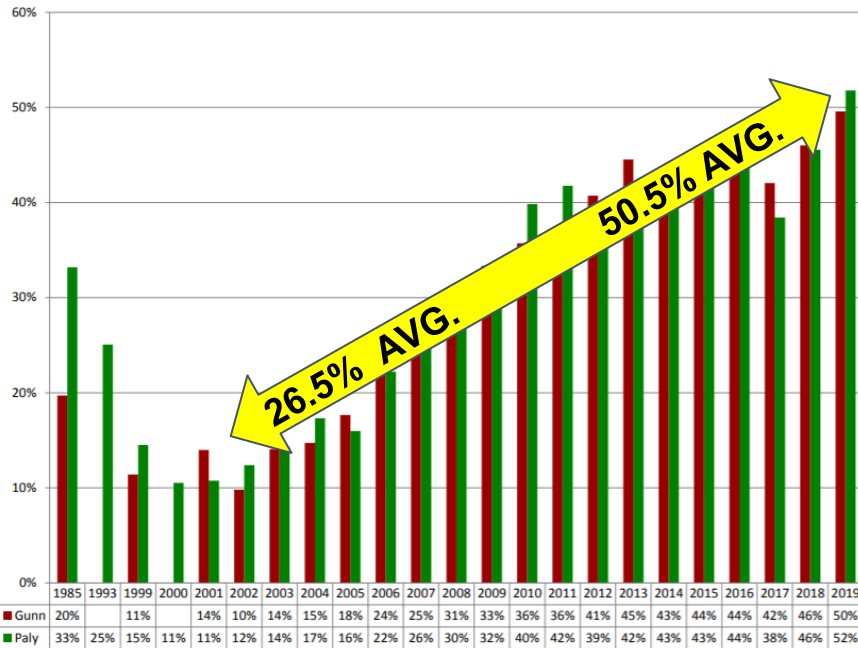
- **Enhance** and sustain the City/PAUSD/PTA community partnership
- **Reduce risk** to students en route to and from school,
- **Encourage** more families to choose healthy, active, sustainable alternatives to driving solo more often.
- **Grow and strengthen** community-wide support through the SRTS E's model for safe, active, healthy, sustainable school commutes



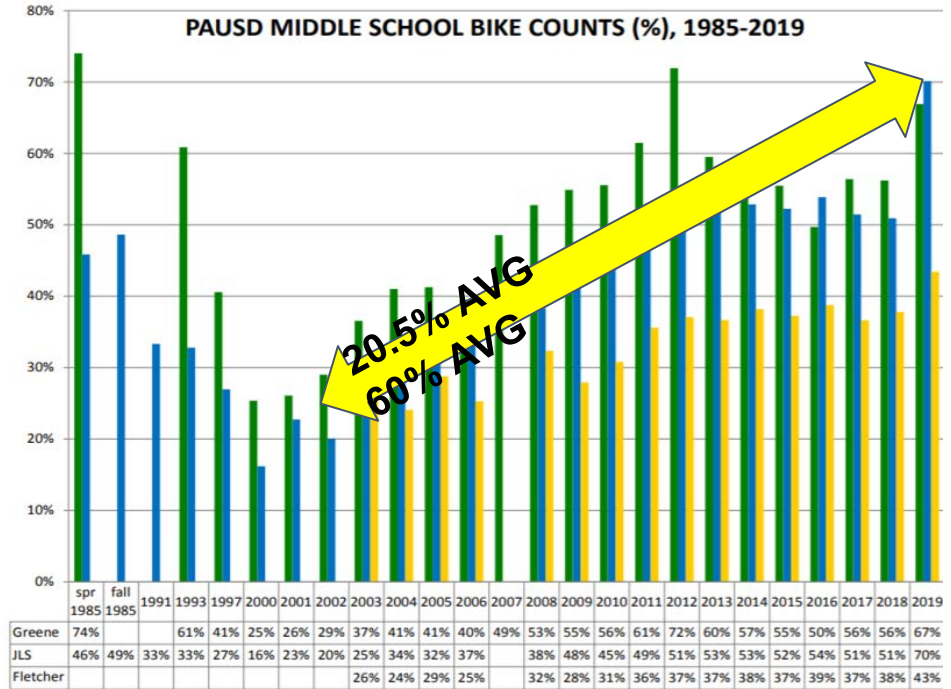
Oct. 2020 Ohlone Walk 'N' Chalk Welcome Day

# 2019 Bike Rack Counts

PAUSD HIGH SCHOOL BIKE COUNTS (%), 1985-2019



PAUSD MIDDLE SCHOOL BIKE COUNTS (%), 1985-2019



- HS Exceed 50% Biking for First Time

# Expanded Outreach

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*March, 2020 Family Cargo Biking Expo/Film Festival*



*Jan. 2020 MLK Day Mitchell Park Celebration*

# COVID-19

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## Obstacles

- Budget cuts
- A new cohort of inexperienced and vulnerable road users that didn't receive compulsory in-school spring bicycle safety education.
- Loss of PAUSD CSTSC Co-Chair

## Opportunities

- Motor vehicle traffic reductions leading to increases in walking and biking.
- Chance to digitize SRTS materials and outreach
- New CSTSC Co-Chair



*Enterprising Distance Learning Student*

# Impacts

- Education
- Engineering
- Equity
- Engagement
- Next Steps



*March, 2020 Family Cargo Biking Expo/Film Festival*

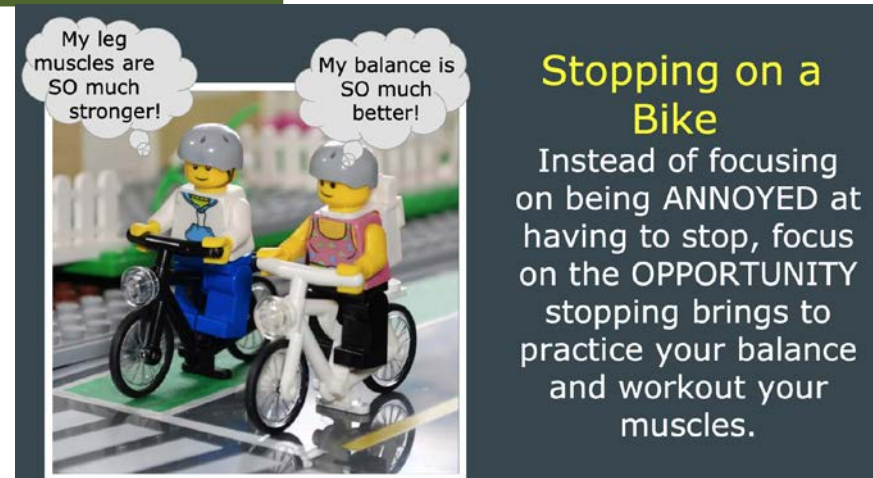
# Education

## Online Curriculum

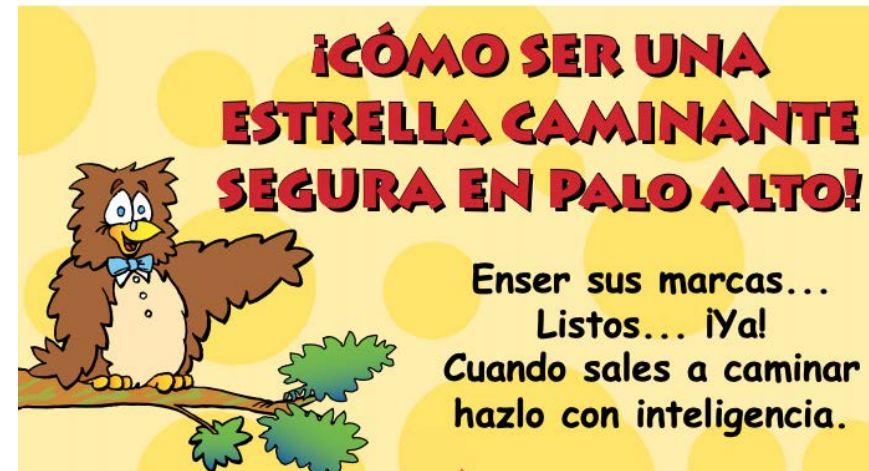
- K-2 Ped. Safety Digital Download Storybook
- Grade 5 Bike Safety Review
- Grade 6 Biking to Middle School
- Grade 8 - Getting to High School
- Lego Bike Safety - 4th, 7th

## Additional Outreach

- 50 1:1 Consultations
- Bike Rodeo Alternatives/Pedal Playgrounds



*Gr. 4 and 7 Lego Bike Safety Presentation*

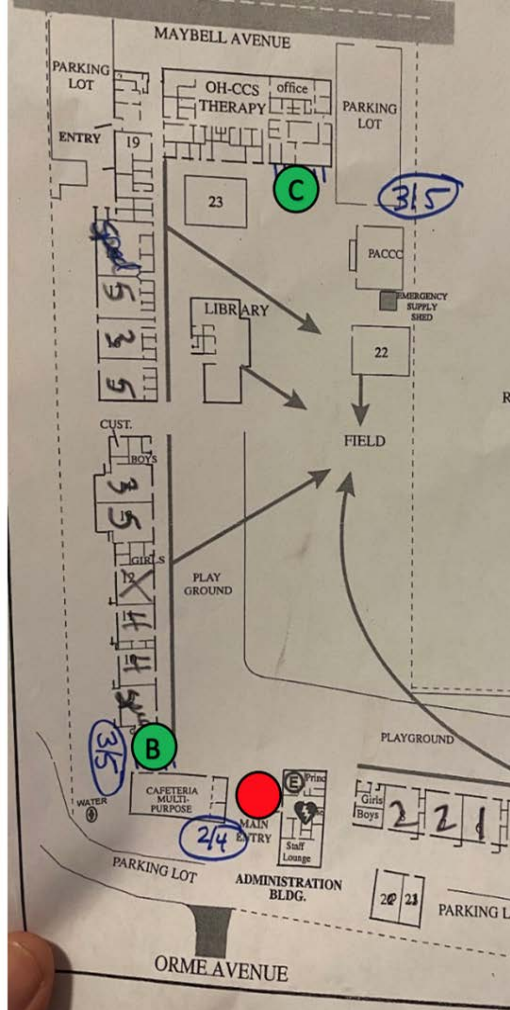


*K-2 Span. Pedestrian Safety Storybook Download*



# Engineering

- Worked with School Reopening Subcommittee, Principals and PTA Transportation Safety Representatives to address transportation concerns
- City assistance to PAUSD about bike rack placement and transportation circulation planning
- Developed engineering-focused presentations to support physical distancing



● = move racks FROM this location

● = move 1 rack TO this location

*Briones Trans. Circulation Recs.*

## EL CARMELO SUPPORTS GREEN TRANSPORTATION



### GREEN TRANSPORTATION BENEFITS

- Social-Emotional Learning
- Walking/Biking Optimizes Academic Performance
- Reduces Traffic Congestion and Improves Safety Around the School
- Reduces Air Pollution, Global Warming, and Climate Change Impacts

### HOW EL CARMELO SUPPORTS

- Safe Routes to School Volunteers
- Walk and Roll Route Maps
- School Website Info.
- K-5 In-Class Safety Education
- Transportation Safety E-News Updates

### SUPPORT SAFE WALKING/BIKING TO EL CARMELO

- PTA Opportunities: Walk/Bike School Rep: Bike Rodeo, Walk and Roll Events
- Contact School Admins. or PTA Reps for Transportation Concerns on Campus
- Contact "Palo Alto 311" for Transportation Off-Campus Transportation Concerns
- When Possible, Commit to Walking or Biking for Trips of 2 Miles or Less.

**IN 2019, 55% OF E.C. STUDENTS WALKED, BIKED, BUSSED OR CARPOOLED TO SCHOOL**

# Engagement

- PAUSD School Reopening Guidelines
- Inclusive Transportation Language
- Walk 'N' Chalk Welcome Day
- Crossing Guards

*Sept. 2020 El Carmelo  
Hidden Gem  
Newsletter*

# Equity

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- Transportation equity for PAUSD+/VTP Students
- Helmet distribution via Stanford/ PAPD
- Ongoing work with School/Family Engagement Specialists
- Bike Repair - Coming Fall 2020




*Oct. 2020 Escondido Walk 'N' Chalk Welcome Day*


# Next Steps

- Parent Travel Pattern Assessment Survey
- Engineering and Encouragement Outreach


## Tools to Consider



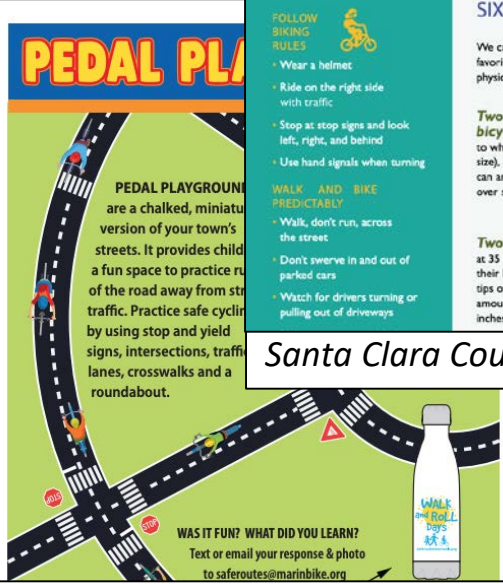
Sidewalk Extension



Pop-up Bike Lane



Curb Extension



Pedal Playground Bike Rodeo

*C-19 Engineering Toolbox Menu Shared with PAUSD Admins*

*Santa Clara County SRTS Flyer*

# Thank You

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## **Rosie Mesterhazy**

*Safe Routes to School Coordinator*

*Rosie.Mesterhazy@cityofpaloalto.org*

*(650) 329-2157*

## **Jose Palma**

*Safe Routes to School Coordinator*

*Jose.Palma@cityofpaloalto.org*

*(650) 329-2247*

City of Palo Alto Office of Transportation

Safe Routes to School Partnership

[www.Cityofpaloalto.org/saferoutes](http://www.Cityofpaloalto.org/saferoutes)



*Dec. 2019 SRTS Pre-COVID Team Holiday Photo*



CITY OF  
**PALO  
ALTO**

# POCKET SLIDES

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SRTS

DATE 2020

[www.cityofpaloalto.org](http://www.cityofpaloalto.org)

# 2019 Highlights: 4% Mode Share Increase

## 2019 Safe Routes to School Travel Tally Data

	Walk Scooter Skate	Bike	Carpool	Transit	Drive	Response Rate	2016 Active + Shared Mode	2019 Active + Shared Mode	2019 Active Mode: Walking + Biking Only	2016-19 Active+ Shared Mode Change
Elem.	25%	16%	6%	3%	50%	80%	47%	50%	41%	3%
Middle	13%	57%	8%	2%	20%	84%	77%	80%	70%	3%
High	9%	54%	6%	6%	24%	61%	69%	75%	62%	6%
Average	15%	42%	7%	4%	31%	75%	64%	68%	58%	4%

Classroom Tally data is gathered by PAUSD teachers through a show of students hands and the responses are entered online. Factors such as weather, classroom participation rates, and special events may impact results.

# Directions for Growth/Next Steps for City/PAUSD

In order of priority:

- Evaluation: Support travel tally and data collection
- Education: Conducting Principal Trainings
- Encouragement: Schedule a full SRTS School Board Presentation
- Enforcement: Consider crossing guard cost sharing opportunities and assess role of SRTS Partnership in building security conversations
- Engineering: Identify PAUSD staff to directly interface with CSTSC on Bond Measure activities and the Stanford GUP
- Equity: Increase collaboration and capacity for Family Engagement specialist involvement in SRTS
- Big Picture: Policy Development



# School Reopening C-19 Toolbox

## Tools to Consider



Sidewalk Extension



Pop-up Bike Lane



Shared Street



Curb Extension



More Bike Racks



Park and Walk



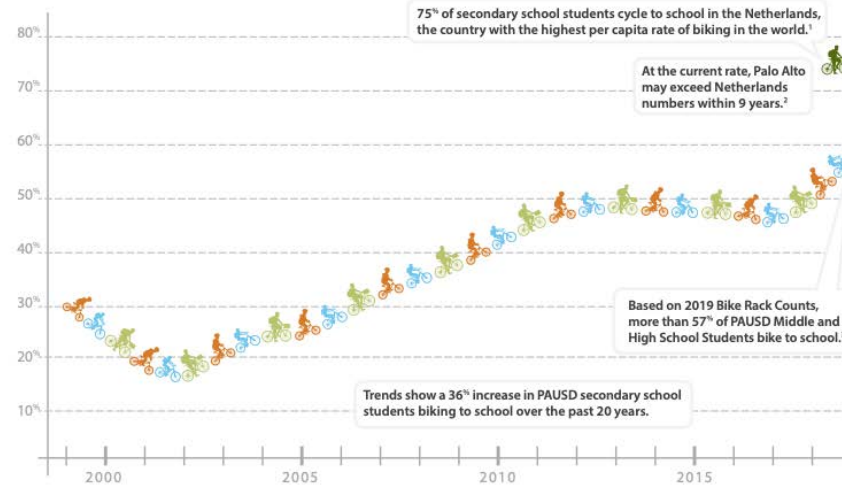
Traffic Calming

# SAFE ROUTES TO SCHOOL

## 50 Years of Safety, Sustainability, and Mobility



### Middle and High School Student Bicycle Mode Average



### ACTIVE TRANSPORTATION:

#### Healthier Students, Climate Benefits and Academic Performance

During the morning commute, driving to school represents **10 - 14 percent** of traffic nationally.

**BREATHE EASIER:** The number of students bicycling to school in Palo Alto is forecasted to increase to **4,560** by 2024. This would equate to a reduction of **> 1.69 million vehicle miles** traveled and **> 752 tons of CO2 pollution** over the next five years.<sup>4</sup>

**THE MORE THEY BURN THE BETTER THEY LEARN:** Research shows that students that receive mostly A's get **more physical activity** than students that receive D's and F's. **Walking or Biking to School** is a great way to meet the Surgeon General's recommended **60 minutes of daily physical activity**.

For more information contact: [saferroutes@cityofpaloalto.org](mailto:saferroutes@cityofpaloalto.org) | 650/329-2520 | [www.cityofpaloalto.org/saferroutes](http://www.cityofpaloalto.org/saferroutes)

<sup>1</sup>2008 "How do children go to school? Differences between the Netherlands and Flanders. Van Gerven, E. de Beer and de Boer (studelft.nl). Contribution to the Colloquium Transport Planning Research November 20 and 21, 2008, Santpoort. [https://www.cv-congres.nl/cvpdfdocs/cv08\\_55.pdf](https://www.cv-congres.nl/cvpdfdocs/cv08_55.pdf)

<sup>2</sup>Assumes a continuation of the past average annual increase over the last 17 years of 2.3%.

<sup>3</sup>Based on 2019 Bike Rack Counts

<sup>4</sup>Assumes a continuation of the past average annual increase over the last 17 years of 2.3%, which would yield 2,305 additional students bicycling by 2024. Assumes 1 student per car traveling an average of 2 miles each way (4 miles round trip) per day, for a total of 720 vehicle miles reduced per student bicycling per school year (1,660,872 vehicle miles reduced with 2,305 new cyclists by 2024). Assumes 463g of CO2 are not emitted for each vehicle mile traveled reduced, which would yield a total of 669,009.016g or 737 tons of CO2 reduced.