

# TYOLOGIES AND OVERLAYS.

As part of the City and County of Denver's Five-Year Safe Routes to School (SRTS) Action Plan, a variety of typologies and overlays were created as part of a data-driven approach using existing data to help categorize the 299 schools within Denver. This categorization will help prioritize which strategies could be applied to each school to make all modes of transportation to and from school more comfortable for students, whether they are walking, biking, rolling, busing, carpooling, or driving.

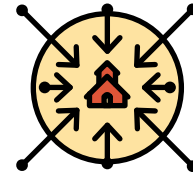
## What is a Typology?

A typology is a method for sorting different types of things by grouping them into categories with shared characteristics. Three data points were considered to develop typologies for each school, including Type of School Trip, Traffic Safety Concerns, and Multimodal Infrastructure Needs. These typologies take into consideration the existing conditions, including the surrounding safety and infrastructure.

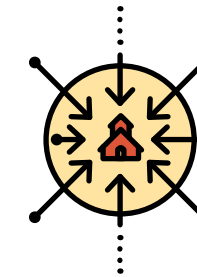
### TYPE OF SCHOOL TRIP.



**Neighborhood Schools**  
The majority of students likely live within walking, rolling, or biking distance



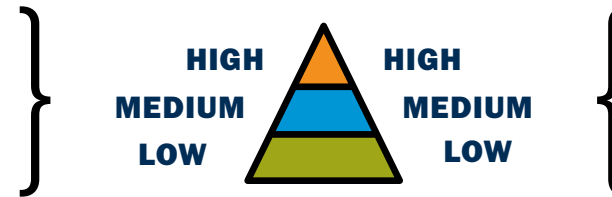
**Community Schools**  
Some students live within walking, rolling, or biking distance, but many do not



**Regional Schools**  
Few students live within walking, rolling, or biking distance, and includes private schools

### EXISTING CONDITION CONSIDERATIONS.

**Traffic Safety Concerns**  
Safety is measured and sorted into high, medium or low concern categories by analyzing crashes involving youth age 18 or younger within a half mile radius of each school and proximity to DOTI's High Injury Network.



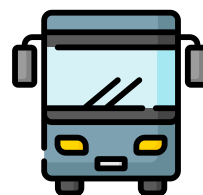
**Multimodal Infrastructure Needs**  
The existing and planned walking, biking, and rolling infrastructure within the vicinity of each school was assessed and sorted into high, medium or low concern categories by analyzing existing and planned bicycle facilities, sidewalks, crosswalks, signalized intersections, and enhanced crossings.

## What is an Overlay?

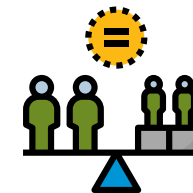
An overlay is a secondary classification to help further categorize each school and recommend additional strategies specific to each overlay. **There are four possible overlays that can be assigned to a school that take into consideration additional factors beyond the typologies.**



**EXISTING LAND USE.**  
Most schools are in residential areas, but some additional categories include civic, commercial, industrial, park/open space, and vacant land



**RTD PASS SCHOOLS.**  
Schools who participate in RTD's pass program for high school students that live 2.5 miles or further from their home/boundary school are listed



**EQUITY INDEX.**  
Schools located within vulnerable and low-income communities or schools with high rates of free and reduced-price lunch among the student population.



**PRIMARY LANGUAGE OTHER THAN ENGLISH.**  
Schools with a high number of students from limited English-speaking households

**TABLE 4: School Priorities and Tiers**

| Priority Tier | Priority | School                                 | Type of School Trip | Traffic Safety Concerns | Equity Area of Need |
|---------------|----------|--|---------------------|-------------------------|---------------------|
| <b>1</b>      | 1        | Joe Shoemaker Elementary School        | Neighborhood        | High                    | Yes                 |
|               | 2        | Whittier Elementary School             | Neighborhood        | High                    | Yes                 |
|               | 3        | DSST: Cole Middle School               | Neighborhood        | High                    | Yes                 |
|               | 4        | Swansea Elementary School              | Neighborhood        | High                    | Yes                 |
|               | 5        | Pascual LeDoux Academy                 | Neighborhood        | High                    | Yes                 |
|               | 6        | Gilliam School                         | Neighborhood        | High                    | Yes                 |
|               | 7        | West Early College MS                  | Neighborhood        | High                    | Yes                 |
|               | 8        | West Leadership Academy MS             | Neighborhood        | High                    | Yes                 |
|               | 9        | McGlone Academy                        | Neighborhood        | High                    | Yes                 |
|               | 10       | DSST: Green Valley Ranch Middle School | Neighborhood        | High                    | Yes                 |
|               | 11       | STRIVE Prep - GVR                      | Neighborhood        | High                    | Yes                 |
|               | 12       | Westerly Creek Elementary              | Neighborhood        | High                    | Yes                 |
|               | 13       | DSST: Green Valley Ranch High School   | Neighborhood        | High                    | Yes                 |
|               | 14       | Willow Elementary School               | Neighborhood        | High                    | Yes                 |
|               | 15       | Vista Academy HS                       | Neighborhood        | High                    | Yes                 |

| Priority Tier | Priority                    | School  | Type of School Trip | Traffic Safety Concerns | Equity Area of Need |
|---------------|-----------------------------|---|---------------------|-------------------------|---------------------|
| <b>2</b>      | 16                          | Lowry Elementary School                       | Community           | High                    | Yes                 |
|               | 17                          | Goldrick Elementary School                    | Community           | High                    | Yes                 |
|               | 18                          | International Academy of Denver at Harrington | Community           | High                    | Yes                 |
|               | 19                          | Colfax Elementary School                      | Community           | High                    | Yes                 |
|               | 20                          | North High School                             | Community           | High                    | Yes                 |
|               | 21                          | College View Elementary School                | Community           | High                    | Yes                 |
|               | 22                          | Abraham Lincoln High School                   | Community           | High                    | Yes                 |
|               | 23                          | KIPP Sunshine Peak Academy                    | Community           | High                    | Yes                 |
|               | 24                          | Cheltenham Elementary School                  | Community           | High                    | Yes                 |
|               | 25                          | West Early College HS                         | Community           | High                    | Yes                 |
|               | 26                          | KIPP Sunshine Peak Elementary                 | Community           | High                    | Yes                 |
|               | 27                          | George Washington High School                 | Community           | High                    | Yes                 |
|               | 28                          | DSST: College View Middle School              | Community           | High                    | Yes                 |
|               | 29                          | University Prep - Arapahoe St.                | Community           | High                    | Yes                 |
|               | 30                          | Columbian Elementary School                   | Community           | High                    | Yes                 |
|               | 31                          | STRIVE Prep - Federal                         | Community           | High                    | Yes                 |
|               | 32                          | Bryant Webster Dual Language ECE-8            | Community           | High                    | Yes                 |
|               | 33                          | Greenlee Elementary School                    | Community           | High                    | Yes                 |
|               | 34                          | West Leadership Academy HS                    | Community           | High                    | Yes                 |
|               | 35                          | Munroe Elementary School                      | Community           | High                    | Yes                 |
|               | 36                          | Barnum Elementary School                      | Community           | High                    | Yes                 |
| 37            | Montclair Elementary School | Community                                     | High                | Yes                     |                     |
| 38            | Academy 360                 | Community                                     | High                | Yes                     |                     |
| 39            | SOAR at Green Valley Ranch  | Community                                     | High                | Yes                     |                     |

| Priority Tier | Priority             | School                              | Type of School Trip | Traffic Safety Concerns | Equity Area of Need |
|---------------|----------------------|-------------------------------------|---------------------|-------------------------|---------------------|
| <b>3</b>      | 40                   | Denver Green School                 | Neighborhood        | Medium                  | Yes                 |
|               | 41                   | Skinner Middle School               | Neighborhood        | Medium                  | Yes                 |
|               | 42                   | DCIS at Ford                        | Neighborhood        | Medium                  | Yes                 |
|               | 43                   | Amesse Elementary School            | Neighborhood        | Medium                  | Yes                 |
|               | 44                   | STRIVE Prep - Montbello             | Neighborhood        | Medium                  | Yes                 |
|               | 45                   | STRIVE Prep - Kepner                | Neighborhood        | Medium                  | Yes                 |
|               | 46                   | Kepner Beacon Middle School         | Neighborhood        | Medium                  | Yes                 |
|               | 47                   | Trevista at Horace Mann             | Neighborhood        | Medium                  | Yes                 |
|               | 48                   | Holm Elementary School              | Neighborhood        | Medium                  | Yes                 |
|               | 49                   | High-Tech Early College             | Neighborhood        | Medium                  | Yes                 |
|               | 50                   | Early College of Denver High School | Neighborhood        | Medium                  | Yes                 |
|               | 51                   | Swigert International School        | Neighborhood        | Medium                  | Yes                 |
|               | 52                   | Schmitt Elementary School           | Neighborhood        | Medium                  | Yes                 |
|               | 53                   | Cowell Elementary School            | Neighborhood        | Medium                  | Yes                 |
|               | 54                   | Newlon Elementary School            | Neighborhood        | Medium                  | Yes                 |
|               | 55                   | Bruce Randolph MS                   | Neighborhood        | Medium                  | Yes                 |
|               | 56                   | Bruce Randolph HS                   | Neighborhood        | Medium                  | Yes                 |
|               | 57                   | Doull Elementary School             | Neighborhood        | Medium                  | Yes                 |
|               | 58                   | Hamilton Middle School              | Neighborhood        | Medium                  | Yes                 |
|               | 59                   | Escalante-Biggs Academy             | Neighborhood        | Medium                  | Yes                 |
|               | 60                   | Sandra Todd-Williams Academy        | Neighborhood        | Medium                  | Yes                 |
|               | 61                   | DSST Middle School at Noel Campus   | Neighborhood        | Medium                  | Yes                 |
|               | 62                   | Noel Community Arts MS              | Neighborhood        | Medium                  | Yes                 |
|               | 63                   | Collegiate Preparatory Academy      | Neighborhood        | Medium                  | Yes                 |
|               | 64                   | Noel Community Arts HS              | Neighborhood        | Medium                  | Yes                 |
|               | 65                   | William (Bill) Roberts K-8 School   | Neighborhood        | Medium                  | Yes                 |
|               | 66                   | Kunsmiller Creative Arts Academy MS | Neighborhood        | Medium                  | Yes                 |
|               | 67                   | STRIVE Prep - Westwood              | Neighborhood        | Medium                  | Yes                 |
|               | 68                   | KIPP Northeast Denver Middle School | Neighborhood        | Medium                  | Yes                 |
| 69            | DCIS at Montbello HS | Neighborhood                        | Medium              | Yes                     |                     |

| Priority Tier | Priority                                 | School                           | Type of School Trip | Traffic Safety Concerns | Equity Area of Need |
|---------------|--|----------------------------------|---------------------|-------------------------|---------------------|
| <b>4</b>      | 70                                       | Fairview Elementary School       | Community           | Medium                  | Yes                 |
|               | 71                                       | Lena Archuleta Elementary        | Community           | Medium                  | Yes                 |
|               | 72                                       | Ashley Elementary School         | Community           | Medium                  | Yes                 |
|               | 73                                       | Compass Academy                  | Community           | Medium                  | Yes                 |
|               | 74                                       | Knapp Elementary School          | Community           | Medium                  | Yes                 |
|               | 75                                       | Manual High School               | Community           | Medium                  | Yes                 |
|               | 76                                       | STRIVE Prep - Sunnyside          | Community           | Medium                  | Yes                 |
|               | 77                                       | DCIS at Fairmont                 | Community           | Medium                  | Yes                 |
|               | 78                                       | Wyatt Academy                    | Community           | Medium                  | Yes                 |
|               | 79                                       | Johnson Elementary School        | Community           | Medium                  | Yes                 |
|               | 80                                       | Valverde Elementary School       | Community           | Medium                  | Yes                 |
|               | 81                                       | Columbine Elementary School      | Community           | Medium                  | Yes                 |
|               | 82                                       | Cole Arts and Science Academy    | Community           | Medium                  | Yes                 |
|               | 83                                       | Force Elementary School          | Community           | Medium                  | Yes                 |
|               | 84                                       | Eggleton Elementary School       | Community           | Medium                  | Yes                 |
|               | 85                                       | Marie L. Greenwood Academy       | Community           | Medium                  | Yes                 |
|               | 86                                       | Lake International School        | Community           | Medium                  | Yes                 |
|               | 87                                       | STRIVE Prep - Lake               | Community           | Medium                  | Yes                 |
|               | 88                                       | Grant Beacon Middle School       | Community           | Medium                  | Yes                 |
|               | 89                                       | Beach Court Elementary School    | Community           | Medium                  | Yes                 |
|               | 90                                       | Hill Campus of Arts and Sciences | Community           | Medium                  | Yes                 |
|               | 91                                       | Stedman Elementary School        | Community           | Medium                  | Yes                 |
|               | 92                                       | Gust Elementary School           | Community           | Medium                  | Yes                 |
|               | 93                                       | Merrill Middle School            | Community           | Medium                  | Yes                 |
|               | 94                                       | Denver Discovery School          | Community           | Medium                  | Yes                 |
|               | 95                                       | South High School                | Community           | Medium                  | Yes                 |
|               | 96                                       | Bear Valley International School | Community           | Medium                  | Yes                 |
|               | 97                                       | DSST: Henry Middle School        | Community           | Medium                  | Yes                 |
| 98            | Godsman Elementary School                | Community                        | Medium              | Yes                     |                     |
| 99            | Thomas Jefferson High School             | Community                        | Medium              | Yes                     |                     |
| 100           | Sabin World School                       | Community                        | Medium              | Yes                     |                     |
| 101           | Ellis Elementary School                  | Community                        | Medium              | Yes                     |                     |
| 102           | Charles M Schenck (CMS) Community School | Community                        | Medium              | Yes                     |                     |
| 103           | McAuliffe Manual Middle School           | Community                        | Medium              | Yes                     |                     |
| 104           | Omar D Blair Charter School              | Community                        | Medium              | Yes                     |                     |
| 105           | Highline Academy Northeast               | Community                        | Medium              | Yes                     |                     |
| 106           | Maxwell Elementary School                | Community                        | Medium              | Yes                     |                     |
| 107           | DSST: Stapleton Middle School            | Community                        | Medium              | Yes                     |                     |
| 108           | KIPP Northeast Elementary                | Community                        | Medium              | Yes                     |                     |

**Note:** There are approximately 300 schools in Denver and schools not shown in this graphic were analyzed as a part of the Safe Routes to School (SRTS) Action Plan. All schools in Denver are important to ensure that walking, bicycling, and rolling to schools is convenient, safe, and fun for all students and caregivers in Denver. Schools not in the tiers presented on this graphic still receive support from the SRTS program with an emphasis on engagement, education, encouragement, and safety enhancements through our citywide programs and projects.

