



Spatial Equity Exploration

Team Names: _____

Streets Explored: _____

What is Spatial Equity? Spatial Equity explores how public spaces are planned and allocated, focusing on ensuring fair access for all communities. It involves evaluating whether these spaces support environmental health and resiliency, meaning they should be safe, healthy, and able to withstand the environmental challenges of our climate crisis. The aim is to address disparities in access, safety, and opportunities, especially for marginalized groups, so that every community can benefit equally from well-designed and resilient public spaces.

Work with a team to explore Spatial Equity NYC and complete the worksheets to learn more about the health, environmental, and mobility concerns for your school community

Step 1: Go to spatialequity.nyc and watch the video.

Step 2: Identify where your school is located via the Community Profile tab. What is your...

- | | |
|---------------------------------|-----------------------------------|
| a. City Council District? _____ | c. State Senate District? _____ |
| b. Community Board? _____ | d. State Assembly District? _____ |

Step 3: What does Spatial Equity NYC say are the top 3 challenges for your school's City Council District? For your school's Community Board?

Example:

City Council District <u>51</u>			
Challenge	Public Seating	Sidewalks	Bike Parking
Rank	51st out of 51	51st out of 51	50th out of 51
Statistic	only .32 city benches per 10,000 people	only 21.9% of street space is given to sidewalks	only 14.9 bike parking spaces per 10,000 people
Solution(s)	Install public plazas with seating in parking lanes	Narrow the car lane or remove parking lane to make more space for sidewalks	Remove a parking space next to the intersection & replace with bike parking

City Council District: _____			
Challenge			
Rank			
Statistic			
Solution(s)			

Community Board: _____			
Challenge			
Rank			
Statistic			
Solution(s)			

Spatial Equity NYC also allows you to zoom in on some features. Zoom into your school's address and describe what you see for the following layers:

Tree Canopy: _____

Flooding: _____

Find 3 more layers to explore within the Health, Environment, and/or Mobility tabs. Describe them in the table below:

Community Board: _____			
Challenge			
Rank			
Statistic			
Solution(s)			

Step 4: Click “Show Census Data” and answer the following questions:

How does the citywide race & ethnicity data compare to the community board where your school is located?

Race & Ethnicity	Citywide	Community Board _____
Latino		
White		
Black		
Asian		
Other		

What percent of households citywide live below the poverty line? How does it compare to percent of households in your school's community board?

Citywide: _____% of households live below the poverty line

Community Board: _____% of households live below the poverty line

Step 5: Navigate to projects.transalt.org/serious-injuries for TA's Serious Injury Dashboard. Have any serious injuries taken place within 3 blocks of your school? If so, how many and what cross streets did they take place on?
