Spatial Equity Exploration

Team Names: _____

Streets Explored:_____

What is Spatial Equity? Spatial Equity is the idea of ensuring that everyone has equal access to public spaces like parks and community centers. It also looks at whether these spaces are healthy for people and able to handle challenges like extreme weather. The goal is to make sure that all communities, especially those that are less advantaged, have the same opportunities to use these spaces safely and that they are designed to stay resilient and welcoming.

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 51			
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?

_____
_____
_____
_____
_____