

12 HL/SL
21/11/18

NYC Infrastructure Case Study

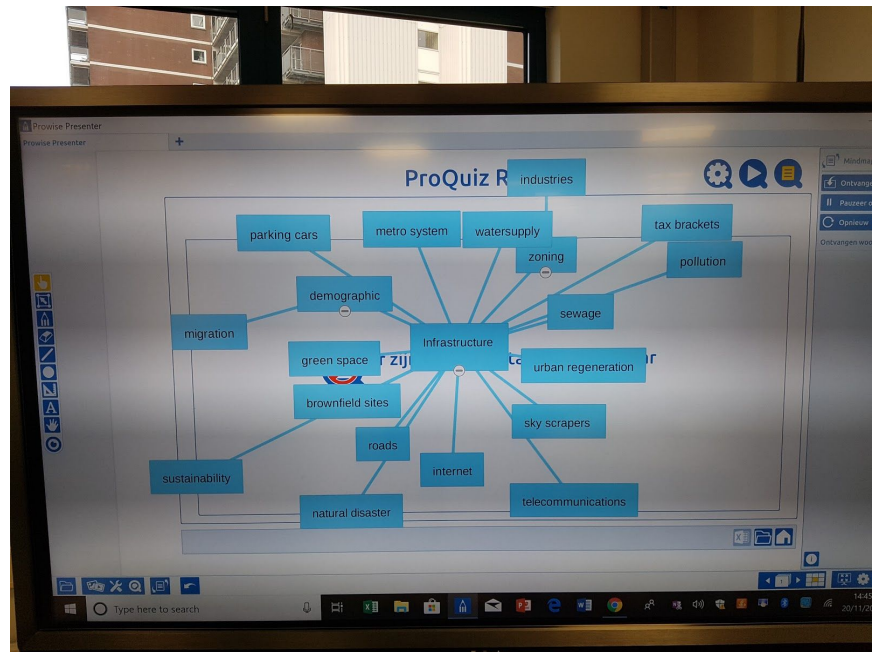
The Big Idea: How economic and demographic **processes** bring change over time to urban systems

Objectives:

- Urban system growth including infrastructure improvements over time, such as transport, sanitation, water, waste disposal and telecommunications
- Case study of infrastructure growth over time in one city

Activities:

- Welcome
- Recap
- The Big Idea
- Objectives
- <https://www.citylab.com/equity/2015/06/watch-210-years-of-manhattan-densification-in-2-minutes/394736/>
- Transport Infrastructure
 - <https://www.youtube.com/watch?v=5oO3JNFu480>
 - <https://www.vox.com/2015/5/14/8605917/highways-interstate-cities-history>
 - <https://www.youtube.com/watch?v=fKH8a9nChyU>
- Robert Moses vs Jane Jacobs
- <https://www.nyctourist.com/images/subwaymap/subway-map-big.gif>
- Water:
 - <https://www.nytimes.com/interactive/2016/03/24/nyregion/how-nyc-gets-its-water-new-york-101.html>
- Energy:
 - <https://www.nytimes.com/interactive/2017/02/10/nyregion/how-new-york-city-gets-its-electricity-power-grid.html>
- Sewage:



-Tenements NYC

<https://www.6sqft.com/life-in-new-york-city-before-indoor-toilets/>
<https://www.youtube.com/watch?v=4Tv6EKHWxdo>

-Waste Disposal

-<https://thekidshouldseethis.com/post/where-does-new-york-citys-trash-go>

-Climate change/sustainability

-https://www1.nyc.gov/assets/orr/pdf/NYC_Climate_Resiliency_Design_Guidelines_v2-0.pdf

-Telecommunication

-Link: <https://www.link.nyc/>

-https://en.wikipedia.org/wiki/Timeline_of_the_telephone

-<https://www.businessinsider.com/new-york-city-subway-lines-best-cell-phone-service-2014-6?international=true&r=US&IR=T>

-Skyscrapers

-<https://www.theguardian.com/cities/gallery/2018/oct/19/rising-high-the-evolving-sky-line-new-york-city-manhattan-in-pictures>

-<https://gizmodo.com/how-an-ancient-mountain-range-made-nycs-skyscrapers-pos-1596992514>