**A Survey of Our Local Ecosystem**

As part of our surrounding ecosystem, our impacts on the world around us are great. In this walking survey of our community, you will remind yourselves of the components of an ecosystem, and identify ways in which we influence our ecological community.

Directions

1. As a class, go on a walk around the Rose Park community, surveying the area for human impact and different components of an ecosystem.
2. Stopping at every corner, record your findings in the table below.
3. Upon returning to class, be prepared to discuss a) *how do humans impact the environment?* and b) *why does it matter?*

Ecological Survey

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| **Terminology & Explanation** | **Observed Ecosystem Components** |
| autotroph |  |
| heterotroph |  |
| omnivore |  |
| carnivore |  |
| herbivore |  |
| scavenger |  |
| decomposer |  |
| food chain |  |
| food web |  |
| predator |  |
| prey |  |
| competition |  |
| biotic |  |
| abiotic |  |
| community |  |
| population |  |
| ecosystem |  |
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| **Observed Human Activity** | **Impact of Human Activity** |
| *Ex. Wildfires in the Amazon Rain Forest* | *Ex. Increased air pollution, increased GHG emissions, loss of habitat, soil erosion, increased run off, decreased transpiration…* |
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| **Observed Human Activity** | **Impact of Human Activity** |
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Reflection

1. How do humans impact the environment?
2. Why does it matter?