Thank you for participation in the Learn component of our virtual Green Seattle Days! In this document, you will find a list of resources you can visit to learn more about the role of soil in our ecosystem. Soil plays a huge, often under appreciated role in our ecosystem - there is so much to learn! Don’t forget to take a picture of your participation using the hashtag #GreenSeattleDays2020 and tag us on social media (Facebook and Instagram) @greenseattlepartnership!

Resources on Soil:

- What is soil? By definition: The unconsolidated mineral or organic material on the upper layer of the Earth used for cultivating crops and plants.
  - Soil and Soil Dynamics from Bozeman Science
  - What is Soil from Green Seattle Days Youth Leads Danielle and Margot
  - nature.com/scitable/knowledge/library/what-are-soils-67647639/

- Soil is more than just the non-organic matter (rocks, sand, and silt) in the ground. There is also organic (living) material in soil. These include things like insects, worms, and fungus.
  - The Amazing World of Mycelium with Paul Stamets
  - wp.wwu.edu/soilecologylab/research/
  - nrcs.usda.gov/wps/portal/nrcs/detailfull/soils/health/biology/?cid=nrcs142p2_053861

- The composition of soil impacts what types of plants can grow, and how healthy they will be. Why is this?
  - Why Soil Matters from Kiss the Ground
  - nature.com/scitable/knowledge/library/soil-the-foundation-of-agriculture-84224268/

- If the soil is full of nutrients, it leads to healthier ecosystems! But, many urban and agricultural practices deplete nutrients from soils. Regenerative farming focuses on returning nutrients to the soil and working harmoniously with nature.
  - biodynamics.com/biodynamic-principles-and-practices
  - invw.org/2020/02/20/farming-to-help-the-climate-two-bills-advance-in-olympia-to-promote-regenerative-agriculture/

- Racial Justice is tied closely to regenerative agriculture and food sovereignty as well:
  - international.uiowa.edu/sites/international.uiowa.edu/files/file_uploads/FoodMovementsWinter2010bckgrndr.pdf