

## **Soil Ecology Synthesis**

### *Field Ecology*

This is an individual assignment. You may need to do some internet research to assist you in answering some of the questions. Please submit via Google Classroom or by sending an attachment to [dan.bregar@corvallis.k12.or.us](mailto:dan.bregar@corvallis.k12.or.us) with the subject heading “per. *X your name* Soil Synthesis”.

1. What is an ecosystem? (Answer in 1-2 sentences.)
2. In a short paragraph, explain how soils are part of a forest ecosystem. Include a few details about the type and nature of at least three specific interactions involving soil and other components (biotic or abiotic) of the forest ecosystem.
3. In a short paragraph, explain how soils can be considered an ecosystem in and of themselves. Include a few details about the type and nature of at least three specific interactions that occur between different components of the soil itself. (Hint – think about the various soil components we’ve discussed and read about in class.)