



Soils

Target Grade: 3

This is an interactive program where the students will rotate through different stations exploring the types, importance, layers, and other aspects of soil. Students will create a soil profile card, and discuss soil conservation.

Format & Requirements

- This program requires a well-ventilated space, as dust can be a component. Tables or clustered desks to be used as stations are needed.
- The Soils Program is available to be presented by one of our Education Specialists. This presentation is approximately 60 minutes in length. Weather permitting; the program will be conducted outside.
- The Soils Program can also be reserved as a conservation capsule. As this is one of Prince William Soil & Water Conservation District’s most popular programs, advanced reservations are highly recommended.

Activities & Resources

- Conservation Capsule format includes a Teacher Resource Notebook with lesson plans.
- Components are included for soil sorting station, weathering station, soil connections station, soil metaphors station, soil profile cards.
- Classroom Presentation Format Only: may include compost station, soil key station, soil color station
- Conservation Capsule Format Only: includes soil books, videos, activity booklets

Standards of Learning

Science

- 3.1 The student will plan and conduct investigations in which
 - a) predictions and observations are made;
 - j) inferences are made and conclusions are drawn;
- 3.7 The student will investigate and understand the major components of soil, its origin, and importance to plants and animals including humans.

English

- 2.2 The student will continue to expand listening and speaking vocabularies.