

**JOIN LOUDOUN SOIL AND  
WATER CONSERVATION  
DISTRICT IN CELEBRATING  
SOIL AND WATER  
STEWARDSHIP WEEK**

# April 28 – May 5, 2019

As a part of the Loudoun community, the Loudoun SWCD wants to remind you that each of us has a connection to natural resources. The National Association of Conservation Districts (NACD) is celebrating Stewardship week April 28–May 5, 2019. The Stewardship and Education Committee has developed a five-year rotation for stewardship topics – water, soil, habitat, forestry, and a topic of interest – and determines the theme each year. **The 2019 Stewardship theme is Life in the Soil: Dig Deeper.**

Water is one of our most precious resources. Watersheds supply water for drinking and recreation, irrigation and manufacturing, and wildlife and bird habitat. It is essential that each of us adopts good water conservation habits so that we can keep our water resources safe and productive now and for future generations.

This year the Loudoun SWCD in partnership with Loudoun County Public Schools will continue its special stewardship education program for local elementary and middle schools by providing printed educational materials. Educational materials include an **Activity booklet on, a Placemat/Activity Sheet, Bookmark and Poster.** For additional information on **Life in the Soil: Dig Deeper** education resources and for downloadable resources and education materials, go to [http://www.nacdnet.org/general-resources/stewardship-and-education-materials/2019-life-in-the-soil-dig-deeper/..](http://www.nacdnet.org/general-resources/stewardship-and-education-materials/2019-life-in-the-soil-dig-deeper/)

If you would like to observe Soil and Water Stewardship Week in your classroom and use these special materials (FREE of charge), please contact Charlotte DeMolay, Education Specialist, at the Loudoun Soil and Water Conservation by email at [charlotte.demolay@lswcd.org](mailto:charlotte.demolay@lswcd.org). **I will need to know your name, your grade, school name, and number of materials needed.**

## DEADLINE FOR ALL ORDERS IS THURSDAY, MARCH 21, 2019

**Loudoun SWCD**

30 Catoctin Circle, SE., Suite 218  
Leesburg, VA 20175

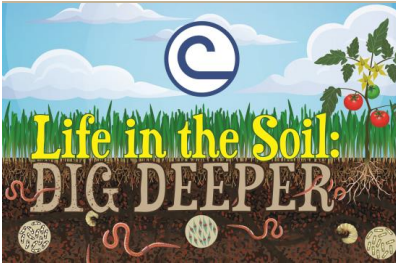
[www.loudounsoilandwater.org](http://www.loudounsoilandwater.org)



**Charlotte DeMolay**

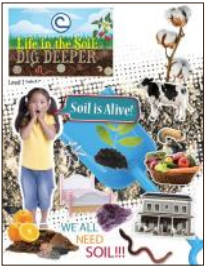
Education Specialist  
571.918.4530 ext. 109

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# 2019 Soil & Water Stewardship Week Class Materials

## Activity Books

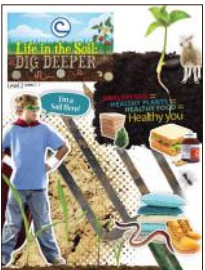


### Life in the Soil: Dig Deeper Level 1 (GR K-1)

Designed for students in grades K-1.

#### TOPICS:

- ~ Familiarize themselves with the ways they interact with soil on a daily basis.
- ~ Differentiate between living and nonliving components of soil.
- ~ Realize the connection between soil and items such as food, furniture, etc.
- ~ Explain the role of parent materials in soil formation.
- ~ Recognize that soils can be many different colors.



### Life in the Soil: Dig Deeper Level 2 (GR 2-3)

Designed for students in grades 2-3.

#### TOPICS:

- ~ Identify the connection between the five senses and the comfort of their living environment.
- ~ Recognize that many living organisms make their home in soil.
- ~ Realize the connection between soil and their daily activities.
- ~ Acknowledge that healthy soil is directly related to their own healthy lifestyles.
- ~ Identify ways to conserve and improve soil health.



### Life in the Soil: Dig Deeper Level 3 (GR 4-5)

Designed for students in grades 4-5.

#### TOPICS:

- ~ Recognize that millions of organisms are living in the soil around them.
- ~ Relate classifications of soil organisms to their function within the soil.
- ~ Appreciate the benefit of soil and soil organisms to humans.
- ~ Identify the structure and function of soil horizons.
- ~ Investigate soil survey map to determine local soil types.
- ~ Comprehend the factors involved in soil formation.



### Life in the Soil: Dig Deeper Level 4 (GR 6 and up)

Designed for students in grades 6 and up.

#### TOPICS:

- ~ Explain the role of soil microbes.
- ~ Distinguish the difference between types of soil microbes.
- ~ Recognize the involvement of soil in most aspects of daily life.
- ~ Comprehend the value of healthy soil. Identify the structure and function of soil profiles.
- ~ Summarize the usefulness of a soil profile as a tool to determine soil fertility.
- ~ Describe the horizons within a soil profile.

## Extras



### Life in the Soil: Dig Deeper Mini-Poster

Information covering:

Design shows life above and in the soil. 14.67" x 11"



### Life in the Soil: Dig Deeper Placemat/Activity Sheet

Designed for students in grades 4 and up.

Fun activities based on soil. 2 sided 9" x 13".



### Life in the Soil: Dig Deeper Bookmark

Designed for students in all grades.

Please include your name, your grade, school name, and number of materials needed in your order.

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