

*Illinois*  
**AGRICULTURE**  
**in the Classroom**<sup>SM</sup>

THE SCOOP ON SOIL



# Say it with Soil

<https://www.agintheclassroom.org/soil/posts/say-it-with-soil/>

## Spencer Kagan—Think, Pair, Share Cooperative Learning.

All students are engaged simultaneously within just a minute or two. Students develop self-esteem, social skills, leadership skills, and communication skills.

KAGAN COOPERATIVE LEARNING STRUCTURES





We are part of the Earth and it is part of us...What befalls the Earth befalls all the sons of the Earth.

Chief Seattle 1854





A nation that destroys

*Illinois* its soil,

destroys itself.

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Franklin D. Roosevelt 1937





Essentially, all life depends upon the soil...There can be no life without soil and no soil without life: they have evolved together.

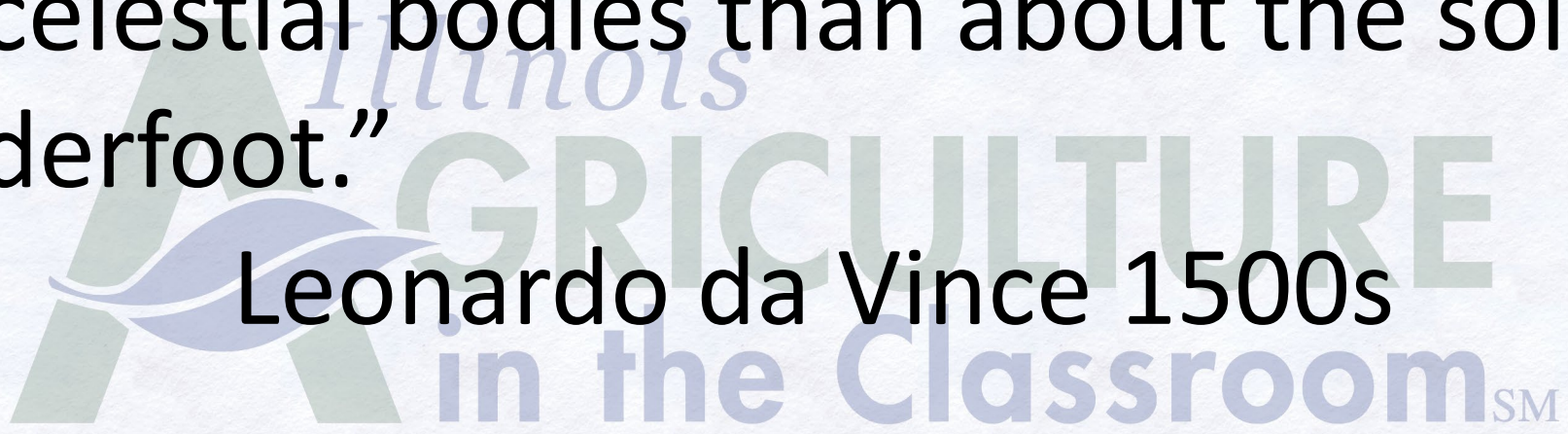
Charles E. Kellogg 1938





“We know more about the movement of celestial bodies than about the soil underfoot.”

Leonardo da Vince 1500s





**Soil Poster**

**Soil Ag Mag**

**Jr. Reader**

**Readers**

**Reader in Spanish**

<https://www.agintheclassroom.org/teacher-resources/ag-mags-readers/>





# SOIL LAYERS

<https://www.agintheclassroom.org/soil/posts/soil-cereal-stack/>





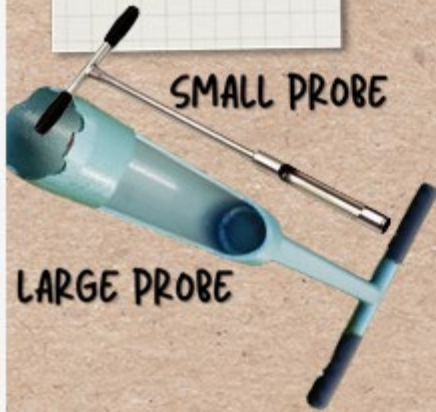
# CANDY BAR CORE SAMPLING

<https://www.agintheclassroom.org/soil/posts/candy-core-sampling/>

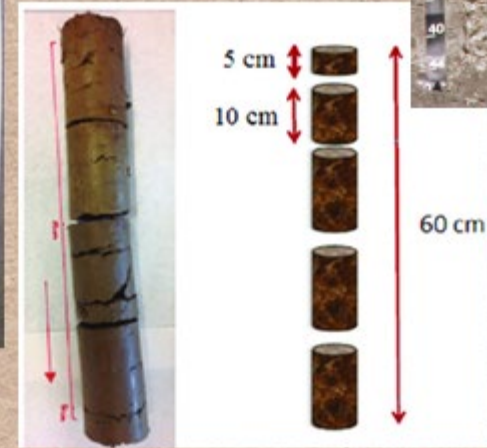




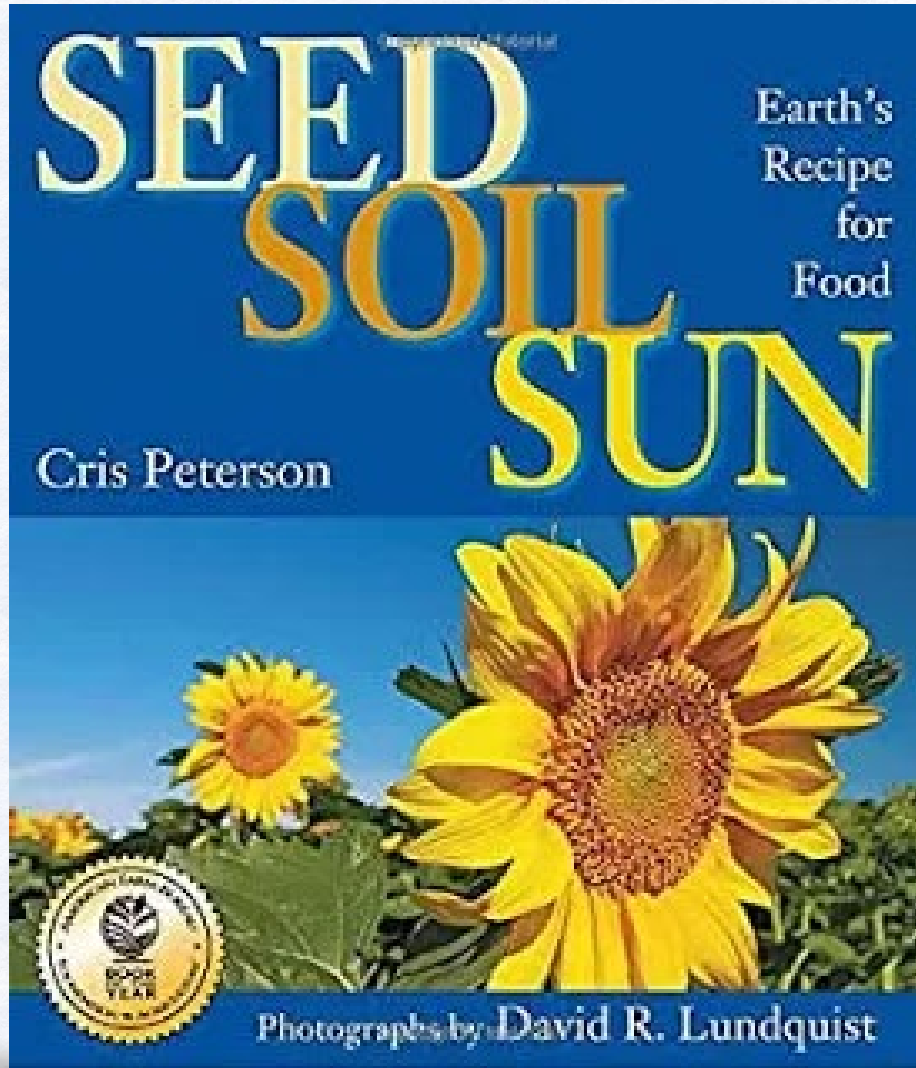
# TOOLS



## PROBES IN USE



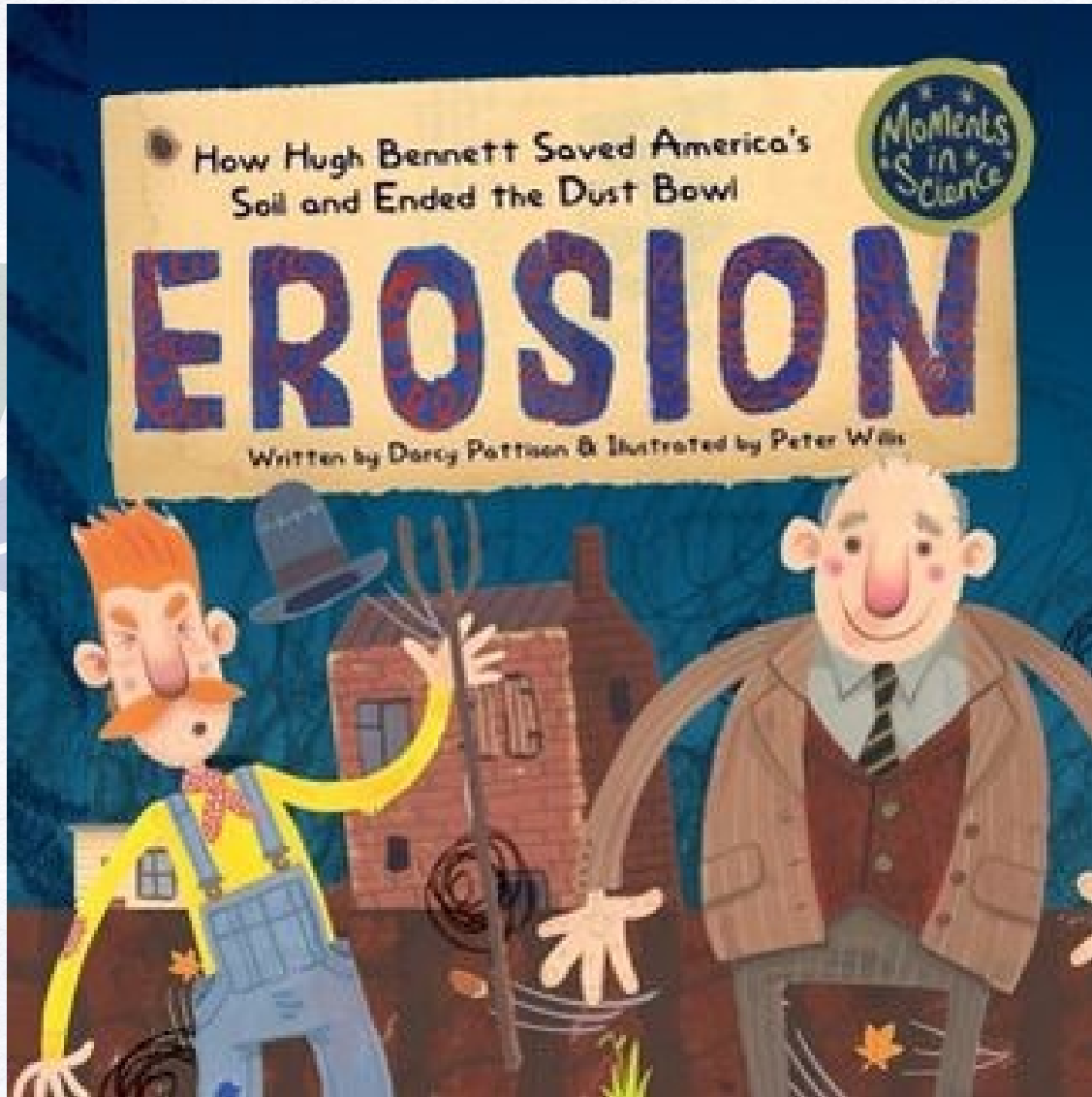




*A few seeds, a little soil,  
a ray of sunshine, a  
splash of rain, a breath  
of air—this is the Earth's  
recipe for the food we  
eat.*



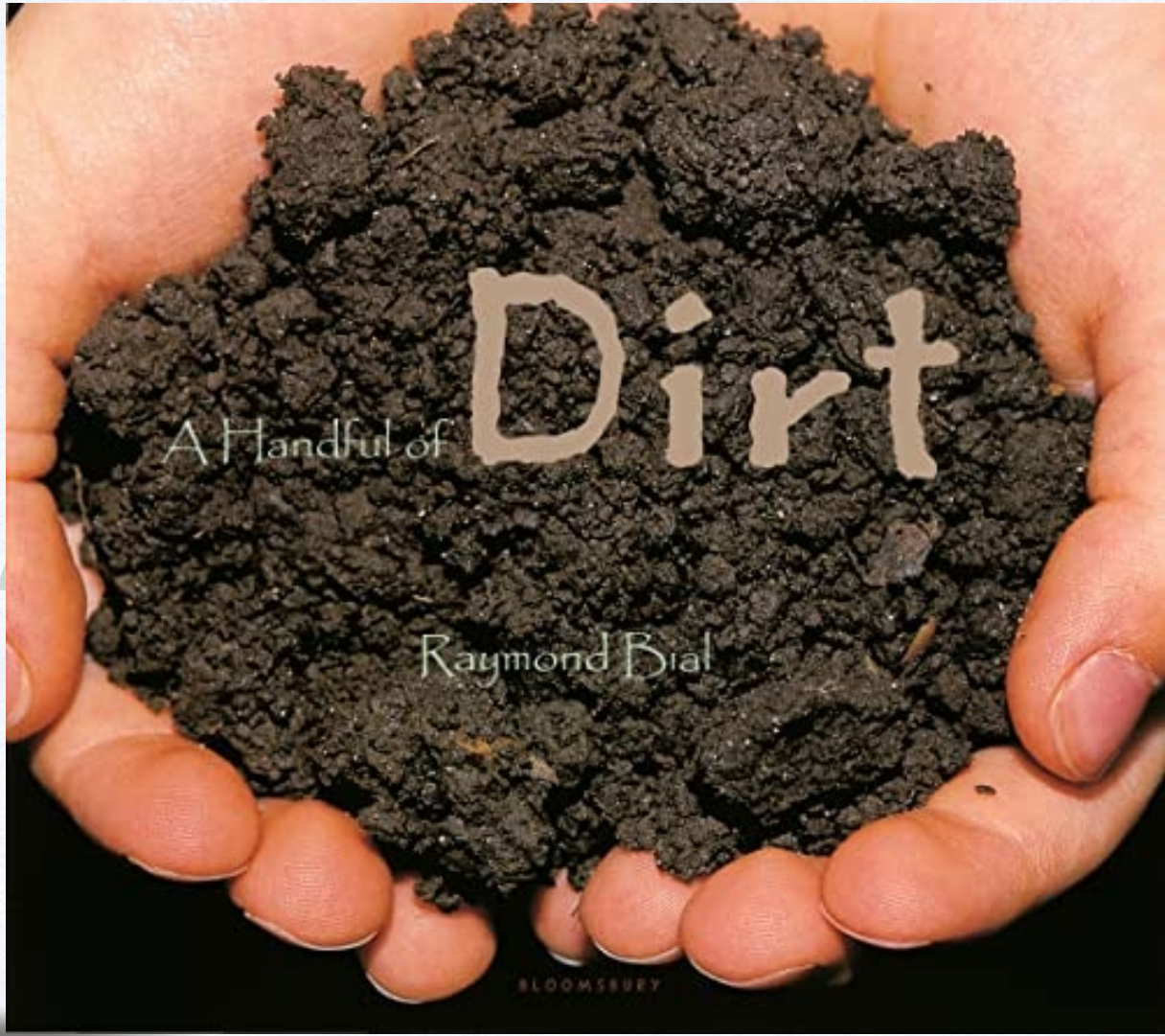




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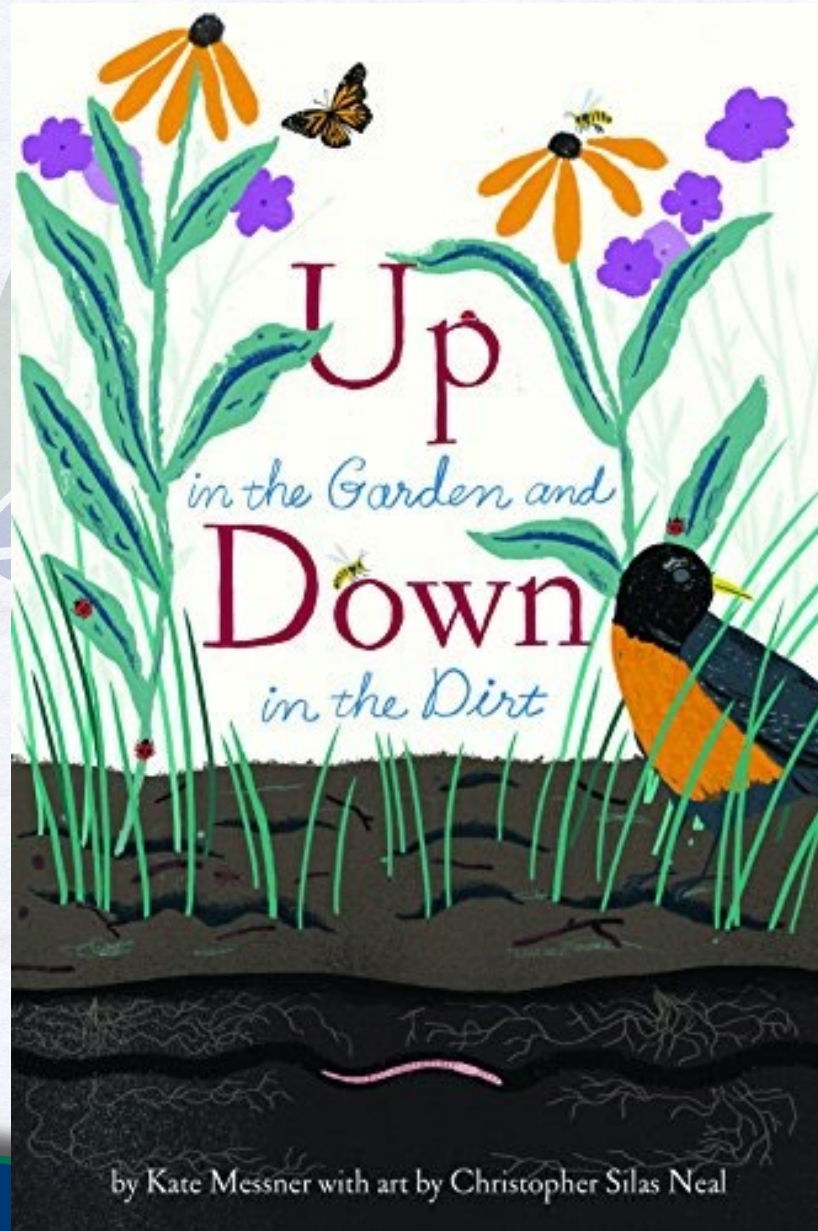




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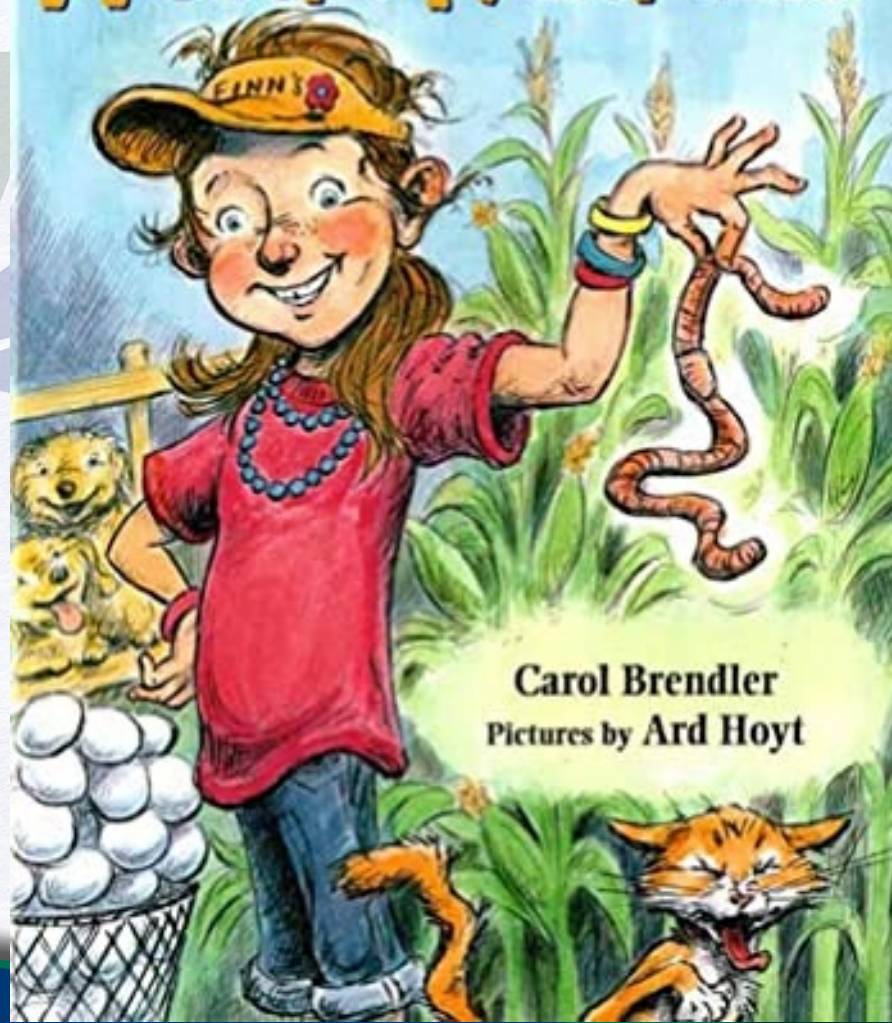


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# WINNIE FINN, WORM FARMER



Carol Brendler  
Pictures by Ard Hoyt

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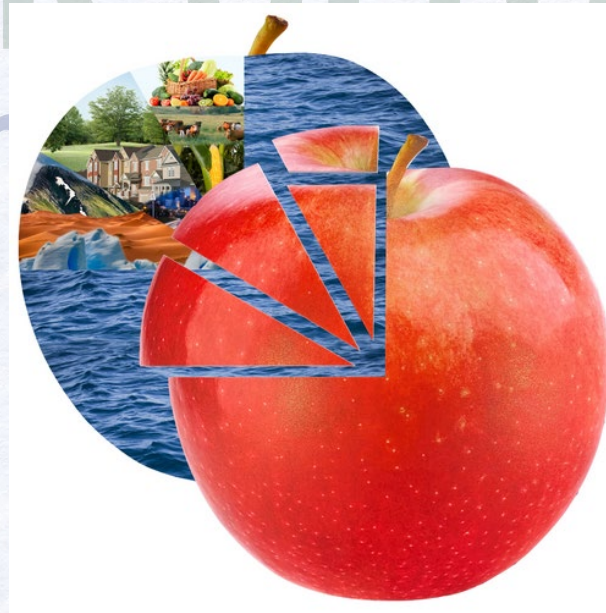




# A Slice of Soil

## Agriculture Land Use Slice

<https://agclassroom.org/matrix/lesson/550/>





# Vermicomposting

<https://www.agintheclassroom.org/soil/posts/classroom-vermicomposting/>





# Sand, Silt, Clay

[https://agclassroomstore.com/search.php?search\\_query\\_adv=sand%20&section=product](https://agclassroomstore.com/search.php?search_query_adv=sand%20&section=product)





# Soil Sam

<https://www.agintheclassroom.org/soil/posts/soil-sam/>

From

Demonstration to  
Experiment





# Soil Your Undies

<https://www.agintheclassroom.org/soil/posts/soil-your-undies/>

First Friday

1. Labor Day
2. Homecoming
3. Columbus Day
4. Veterans Day
5. Thanksgiving





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