



VICTORY GARDENS

Lesson and Activity Suggestions for Grades K - 2

Soil

As you know, Victory Gardens were gardens that Americans planted during a time when our soldiers were fighting in a big battle called World War II. During that time, food was in short supply, and Americans were asked to plant vegetable gardens to make sure that families had healthy foods.

Children planted victory gardens at their schools, adults planted victory gardens at their place of work, and no matter where they lived, in the city or in the country, families planted Victory Gardens together.

When the fruits and vegetables were harvested, families, neighbors, and coworkers shared what they had grown. Food could be eaten fresh or canned for later use in the winter. Everyone worked together, and everyone shared.

How is your Victory Garden growing? Have you seen any changes? You've learned in earlier lessons that plants need air, soil, and water, to grow. Vegetables and fruits can be planted with seeds and plants. You've also learned about the important parts of plants and flowers.

This lesson will be all about soil. You will learn about different types of soil, investigate soil from your own garden, and maybe even make some mud! Let's get the "scoop" on soil!

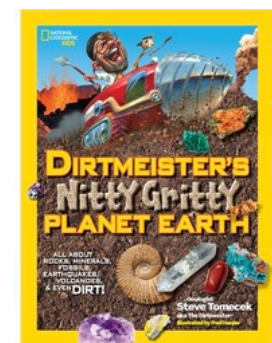
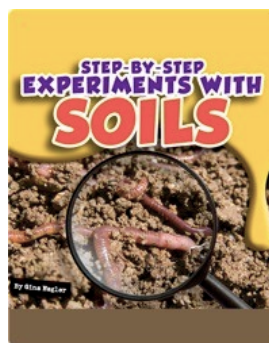
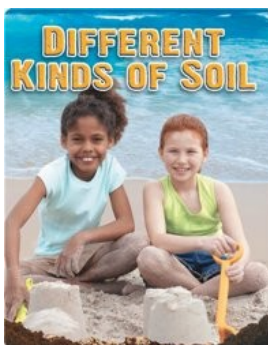


The Scoop on Soil

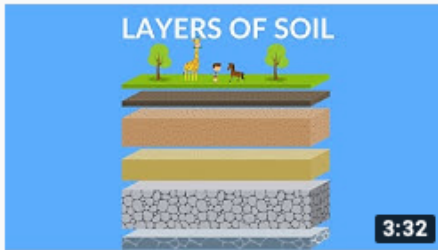
Soil is made from rocks, plants, and animals, which have broken down into smaller pieces with time and weather. Sand is made onl from rock or shells, which have broken down into tiny little pieces. Another name for soil is dirt. Mud is wet dirt. Soil varies in texture and in color. Soil can look shades of red, yellow, brown, black, and even blue.

Underground, soil is home to many animals and insects; worms, ants, and moles are just a few. Good soil provides a nice home for the roots of our plants, grass, bushes, and trees to grow.

Learn more about soil by listening to or reading these books that can be found on your Epic! App.



After you have read and/or listened to the books about soil, have your parent help you find YouTube and search for the following videos to watch and learn even more fun facts about soil! When you are done, use what you've learned to study soil, just like a scientist! When you're finished with your work, maybe you'll even get to make and eat some mud! Hey, a little mud never hurt anyone! Have fun!



Layers of Soil | Soil Formation | Video for Kids

learning junction • 40K views • 1 year ago

Let's learn about layers of soil with this video. For more videos go to: <https://www.youtube.com/user/learningjunction> Thanks for ...



Layers Of Soil - The Dr. Binocs Show | Best Learning Videos For Kids | Peekaboo Kidz

Peekaboo Kidz • 1.4M views • 2 years ago

You know that SOIL has different layers to it, right? Yes! The soil has a lot more going on inside than what you just see on the top!



Soil Profile , Structure , Layers

makemegenius • 127K views • 8 years ago

Visit <http://www.makemegenius.com> ,watch all Science & other educational videos for kids for free.



Soil Profile of Earth - Soil Layers and Horizons - Geography for Kids | Educational Videos by...

MocomiKids • 142K views • 7 years ago

<https://mocomi.com/> presents: Soil Profile of Earth - Soil Layers and Horizons The Soil Profile Of Earth - Soil Layers and ...



Layers of Soil for Kids #aumsum #kids #education #science #learn

It's Aumsum time • 5.3K views • 1 year ago

Marvelous Mud!

Serves 1

Ingredients:

3 tbsp. Instant chocolate pudding

1/2 cup milk

2 chocolate sandwich cookies (Oreo type cookie)

Directions:

Place the cookies in a resealable plastic bag. Use your hands to break the cookies into tiny bits. Pour the milk and the pudding mix into a small jar or a small plastic tub with a tight fitting lid. Shake for three minutes. Pour the MUD (pudding) into a clear cup. Sprinkle the SOIL (cookie bits) on top of the MUD.

DIG IN!

The following websites and blogs were used for information and ideas for this lesson:

firstgradewow.blogspot.com

strugglinglearner.blogspot.com

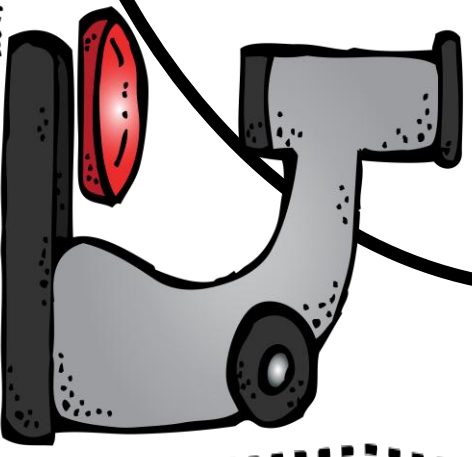
Soil Science Society of America

EPIC! Books

YouTube

Name _____

An Even Closer Look at My Dirt Sample

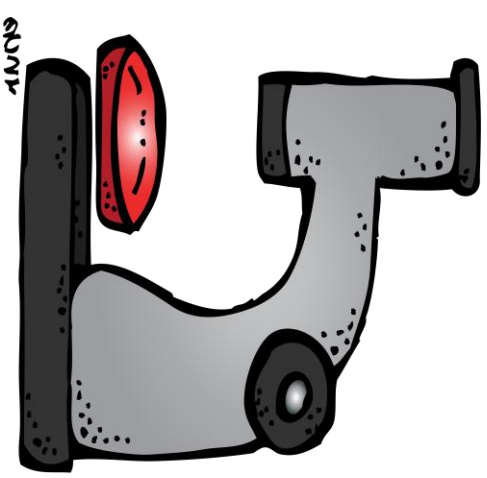


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Make A Paper Microscope Slide

You Need:

- 2 pieces of clear tape,
- paper punch
- one index card,
- foam or paper plate.
- Samples of sand or soil



Cut the index card into four strips. Each strip should measure $1\frac{1}{4}$ " X 3". Punch a hole using a paper punch in the middle of the strip.

Place one piece of clear tape on the bottom of each strip so it covers the "window."

Turn the slide over so the sticky part of the tape is now filling the window and is facing up.

Place the sticky side into sand or soils sample on the plate. Small grains should stick to the tape. After trapping the sand or soil on the sticky slide, place another piece of clear tape over the particles. This will secure it in place.

Place slide under microscope.

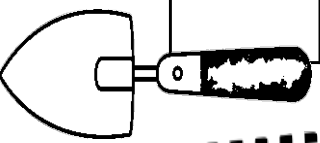
Observe differences. Record your observations.

Name _____

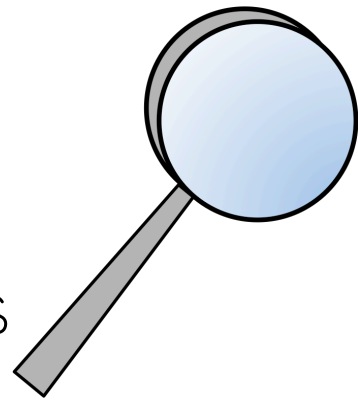
Find all the words in the puzzle.
On the back tell what you like to do with dirt!

s	o	i	l	l	l	a	m	s
a	p	i	e	c	e	s	d	i
n	g	d	i	d	i	g	g	s
d	u	m	d	n	i	a	r	k
i	w	g	d	a	i	a	o	c
r	o	c	k	s	m	a	l	i
t	r	g	d	s	i	g	o	r
d	g	r	a	v	e	l	c	b

soil dirt mud rocks sand grow gravel
dig small pieces color bricks



Name: _____



Soil Senses

My soil looks _____

My soil smells _____

My soil feels _____

This is what my soil looks like!

Let's Get "Dirt"y!

Take the kids outside supplied with a little cup and spoon.

Find a "dirt"y spot and get a little scoop.

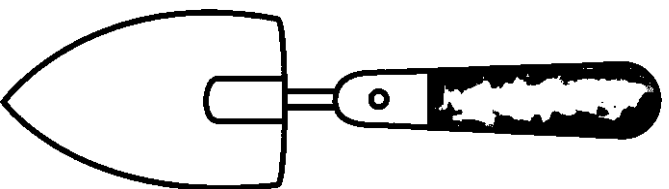
Bring it back in and let the kids look at their samples through a magnifying glass.

Draw what you see and then write about it!

Name _____

Think Outside the Box!

This is not a shovel! What can you create?



Tell about your creation on the back!