

Week 6 Virtual Camp Sampler

(Ages 5-7)

MONDAY

Virtual Escape Room, The Litter Bugs Come Back: A Recycling Facility Manager looks for markets and uses for discarded materials like old tires, batteries, computers and wooden pallets. They make sure they are stored safely to prevent fires or pollution. Click below to play our newest virtual escape room. The Litter Bugs made it to school on time and are ready for their next adventure! Come along and join them as they put their new knowledge to use!

<https://platform.breakoutedu.com/game/play/the-litter-bugs-come-back-618623-88A5AV1J19>

TUESDAY

Naturalist: A park naturalist helps people identify and learn about plants, amphibians, insects and animals in a park or nature center. Sometimes this is done through fun games. Check out this game on camouflage here: https://youtu.be/1wqHzIN_R74

WEDNESDAY

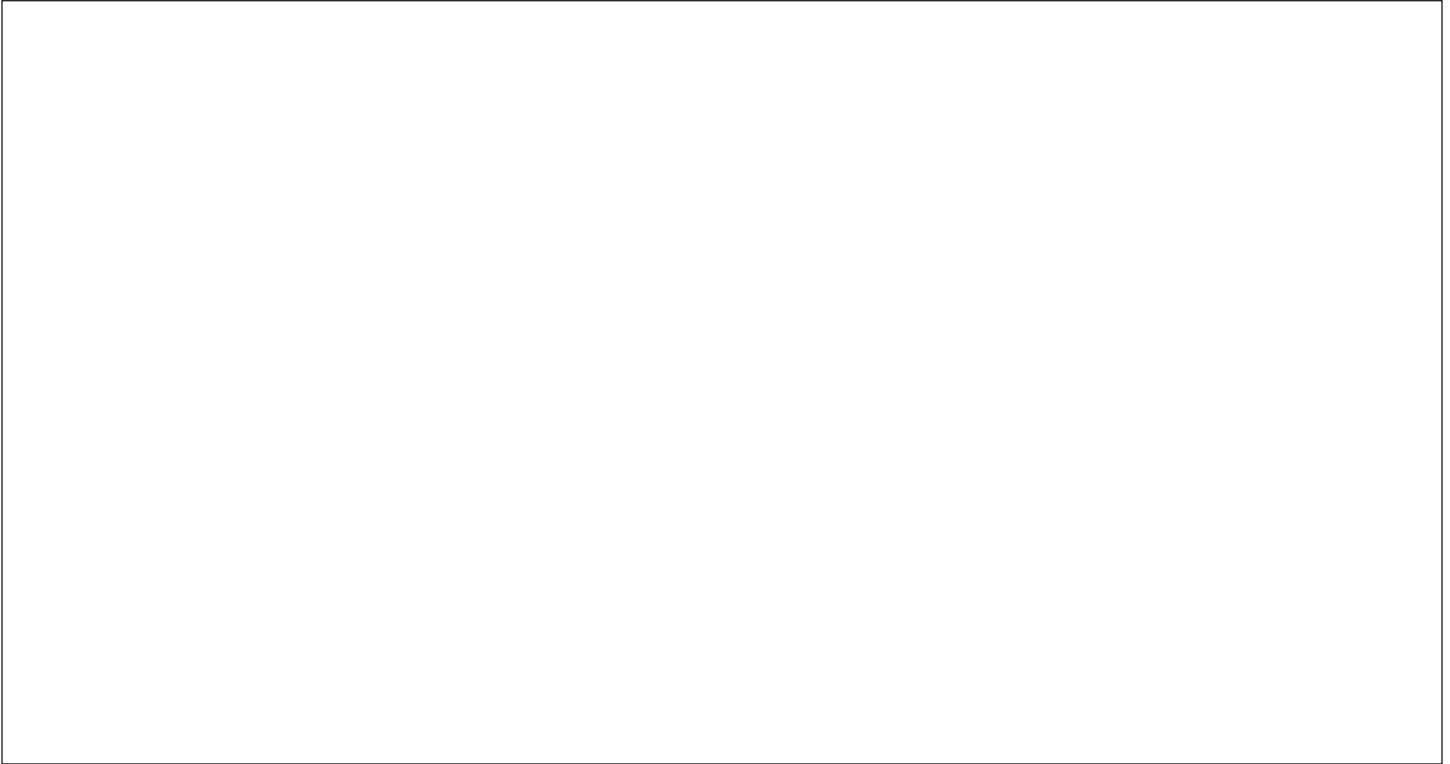
Play-Dough Soil Coring: How do geologists know what the earth below us is made out of? Geologists don't have the time to dig up every single layer to know what our ground is made up of, so instead, they use a process called Soil Coring. Soil Coring involves inserting a long tube-shaped tool into the ground and then pulling it back out. The soil that comes back out is still in distinct layers; they are different in color, texture and depth. This gives geologists a good idea of what is under their feet. You can try the same process at home with Play-Dough. Materials: Play-Dough – At least four colors, A Transparent Straw, A Container to hold your dough (could be the play-dough canister), Optional Play-Dough tools (Rolling Pin, Knife, etc)



Directions: Remove dough from containers. Working with one color at a time, separate a portion of dough and create a flat pancake shape about the size of the container's opening. *This can be aided by a rolling pin or a knife, but can also be done by hand. Repeat the process until all colors have been used and the desired number of layers have been achieved. One at a time, stack layers inside the desired container, alternating colors as you go. Apply pressure to ensure the layers are adhering to one another. Once all they layers are assembled, insert the straw straight down into the layers of play dough. Then carefully, lift it back up. It may take a couple of tries to get the play dough to also come up. Experiment with twisting the straw as you lift, or covering the open end of the straw to create suction. Examine your specimen. What colors do you notice? How thick are the layers?

THURSDAY

Nature Journal: Sketch a picture of your soil core from Wednesday's activity below or in your nature journal. Let's pretend your top layer is top soil, the next layer is the water table, the next layer is soft sand and the bottom layer is hard rock. Label these below or in your journal. Do you think the location of your soil core would be a good place to build a house? Or to dig a well? Why?



FRIDAY

Career Mixer: Can you match the picture below to the correct environmental career?



Soil Scientist



Environmental Scientist: Air Quality



Microbiologist