

Name: _____

Soil Videos

Fun Science Demos soil videos and quizzes:

soil layers: <https://www.youtube.com/watch?v=tG0kEF0oyus>

falling topsoil solid nutrients spread water top

1. Plant roots only grow down into the _____ layer of soil. The roots don't just grow straight down; they also _____ outward through the soil.
2. The top layer of soil is called _____.
3. Topsoil is the perfect habitat for plants; it contains _____ and the _____ that plants need to grow.
4. Plant roots help keep the soil from being washed away, and soil keeps the plants from _____ over.
5. Beneath the topsoil are layers of soil mixed with stones and rocks. But if you dig down deep enough, you will hit a layer of _____ rock called *bedrock*.

worms and soil: <https://www.youtube.com/watch?v=zAbESo22mcI>

air dig earthworms roots water

1. _____ live in the soil; the soil is where they get their food and shelter.
2. The earthworms _____ deep into the soil. This is helpful to plants because the tunnels made by earthworms as they move through the soil let _____ and _____ into the soil. Plants need water and air and can take it from the soil through their _____.

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erosion and soil: <https://www.youtube.com/watch?v=im4HVXMGI68>

less roots plants soil water

1. In Jared's demonstration, water poured over plain soil flowed through easily and brought a lot of _____ along with it.
2. Water poured over soil covered by leaves washed away _____ soil than water poured over plan soil
3. Water poured over soil with _____ growing in it did not wash away much soil at all. The _____ of the plants held onto the soil and kept it from washing away. The roots of the plants also held back the _____ and kept it from flowing away.

water can shape the land:

<https://www.youtube.com/watch?v=n0n3vEul0Hc&list=PLat8Jejmdx1ucb5HkWDHnd5cXK183zAmC&index=1>

soil rocks electricity land trees

1. Moving water can change the shape of the _____. It can wash away _____, and it has the power to move _____ and smooth the edges of _____. Moving water is so powerful that it can be used to generate (make) _____.