

# Soil, Senses & Earthworms

What do you think life is like in the soil? We use our five senses every day, they help us know things about the world around us. Some organisms that live in the soil, like earthworms, have senses also and use them to survive in the soil.

Write a sentence about why you think earthworms like living in the soil.

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## Our Five Senses

Draw a line to match the sense we use to the body part.

sight	ear
smell	eye
taste	skin
touch	nose
hearing	tongue

## EARTHWORMS & SENSES

**SIGHT** Earthworms don't have eyes like we do, they have organs that help them sense whether they are in the light or in the dark.

**SMELL** Earthworms don't have a sense of smell or a nose to breathe with like we do, but they do have to breathe! Earthworms breathe by absorbing oxygen through their skin.

**TASTE** Worms have sense organs in the front end of their body which help them find food.

**TOUCH** Earthworms do have a sense of touch and like us they can feel it anywhere on their skin.

**HEARING** Vibrations on our ear drums help us hear.

Earthworms don't have ears, but they can sense vibrations in the soil.



## EARTHWORMS & SOIL

Earthworms make their homes IN the soil. We make our homes ON the soil. We "need" certain "conditions" in our environment to survive. Earthworms "need" certain "conditions" in the soil to survive. Draw lines to match the earthworms "need" on the left with the "soil condition" in the middle and the "explanation" on the right.

NEED	SOIL CONDITION	EXPLANATION
temperature	organic matter	sense a predator, like a mole or bird, nearby
food	carry vibrations	food comes from organic nutrients found in soil
breathing	moist soil	heat and light cause dryness, if skin dries worm suffocates
feel	dark & cool	skin must be moist to absorb oxygen