

## Day 1

Read aloud *Diary of a Worm* or watch the YouTube video:  
<https://www.youtube.com/watch?v=9y6MtlI5b0w>

## Worm Investigation

The teacher will provide worms for the students to observe. Children will record their observations about worms on the *Wiggly Observations* worksheet.

## Day 2

## Funny Worm song

<https://www.youtube.com/watch?v=0-rg7Elt1x4>

## Worms are Wonderful video

[https://www.youtube.com/watch?v=l-zc\\_1vjLnl](https://www.youtube.com/watch?v=l-zc_1vjLnl)

Teacher will present the question: *How do earthworms move?* Record children's answers.

*What will earthworms do when they encounter an obstacle? Will the worm move under, over or around the obstacle?*

Children will work with worms on your chosen surface. Children will place an object in the way of the worm and observe, using the *Wiggly Obstacles* worksheet.

## Day 3

## Worms in Dirt

Using [getpic.com](http://getpic.com) (a free resource of online books), access the book, *Wiggly Worms*. Teacher will read aloud.

## Comprehension:

(DOK2) Can you explain how the worms affect the quality of the soil in the garden?

- their waste makes the soil healthy for plants
- earthworm tunnels bring air & water to the roots of plants

**Grade Level:** 1

**Subject Area:** Science

**Objective:**

Summarize the needs of living organisms for energy and growth

**Materials:**

Live worms  
 Clear cups  
 Soil  
 Recording sheets

**Resources:**

*Wiggly Observations* worksheet  
*Wiggly Obstacles* worksheet  
*How Do Worms Move?* worksheet  
*Wonderful Wiggly Worms* supplement

**Standards:**

1 L.22: Students know animals are living things that grow and have basic needs for energy, air, and water. Animals depend on plants to provide them with energy directly or indirectly. Animals take in plants or other animals as an energy source.

**Collaborator:**

Meghan Thinner

Next, children will use a clear cup of soil and observe and record how worms move through dirt, using the *How Do Worms Move?* worksheet.

## Extension

Eating worms in dirt - <http://eatatallies.com/2010/08/dirt-cups/>

Other extension activities:

Explore the supplement, *Wonderful Wiggly Worms* for additional lesson ideas using worms.

<http://www.maroochycatchmentcentre.org.au/catchment/wp-content/uploads/2013/10/Wonderful-Wiggly-Worms.pdf>.

## Your Notes & Ideas

Name: \_\_\_\_\_

**My worm looks like this:**

**Describe your worm like a scientist.**

**I observe the following properties:**

**Color:** \_\_\_\_\_

**Shape:** \_\_\_\_\_

**Size:** \_\_\_\_\_

**Texture:** \_\_\_\_\_

**What did your worm do when it encountered an obstacle?**

**Draw what your worm did:**

**Describe what your worm did:**

# How Do Worms Move?

Name: \_\_\_\_\_

**Observe and record how your worm moved through the dirt.**

