



# Competition for Primary School Students

Information about the competition

## "Wonderful Worms"

**Welcome to our competition. We look forward to your entry.**

### **About the competition**

We are an NFP organisation and this competition is funded by donors and sponsors.

### **Entries**

Individual students or groups of students may enter

Entries must be submitted by  
15 Sept 2023

### **Format**

Your submission can be in any digital format. Be creative and tell us the story about how wonderful worms are for us and the environment. We'd love to see creative entries: videos, murals, posters, rap dance, stories, plays or a magazine- Surprise us.

### **Judges**

Our judges are passionate about the importance of healthy soil.

### **Resources.**

Some resources are provided- see overleaf.

### **What to cover**

In your project make sure you cover why worms are so wonderful and important- what they do, and the benefits to the soil and the environment of what they do.

Worms are part of the ecosystem so make sure context is provided, such as the link of healthy soil to healthy food and the role of worms in healthy soil. G

*Have fun- We look forward to your entry*

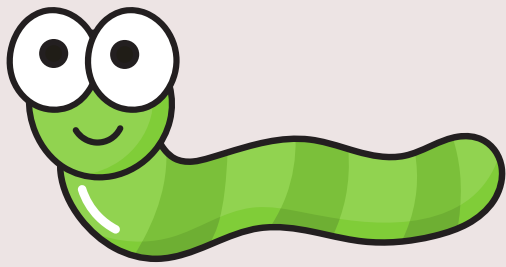
**Lots of GREAT PRIZES - to be won including \$500 and \$100 vouchers**

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or visit:**

**[www.soilweekaustralia.com.au](http://www.soilweekaustralia.com.au)**



  
**SOIL WEEK**  
— AUSTRALIA —  
**Competition closes:**  
**15 Sept 2023**



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## "Wonderful Worms"

### Resources

#### Backyard Buddies- Earthworms

Educational Initiative of FNPW Foundation on National Parks and Wildlife.  
Good activities and information about worms

#### Wriggling worms at work- Book reading- about 8 min

#### AdWorms- National Agriculture in the Classroom-

lesson plan on worms. US-based but very good-  
Includes a timelapse on worms at work- 4 min. and a worm adoption certificate

#### Video. *Worms are Wonderful-* backyard science - 4.33 min

#### Building a Classroom Worm Farm | STEM Lesson Plan

Grades 1-6 ACARA CODE 9.0

AC9S1U01, AC9S3U01, AC9S4U01, AC9S5U01, AC9S6U01

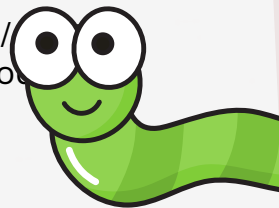
ACARA CODE 8.4

<https://www.primezone.edu.au/resource/creating-a-worm-farm/>

#### Elaine Ingham Soil Food Web. The first 2 minutes are very good

<https://www.youtube.com/watch?v=uAMniWJm2vo>

Worms are part of the decomposer group.



### Did you know?

Earthworms actually trap carbon dioxide in soil for an overall decrease in emissions. When soil is tilled or burned, it releases carbon dioxide. But earthworms convert the organic matter to carbon that stays in the soil.

Earthworms eat the organic matter in the soil and they also eat the microbes that are eating the decomposing food. The worms excrete this back into the soil. This makes the soil much richer in nitrogen, potassium, phosphates, and lots of other minerals.

Worm excrement also adds physical structure to the soil that holds in the carbon, reduces erosion, and makes it crumbly -- the ideal place for plants to grow.

As worms burrow they create tiny passages for air and water, which means the soil can hold more water and is more resilient to drought.