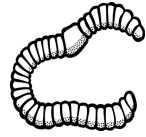


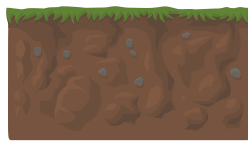
Name _____

Prek-2nd Grade Vermiculture

The vocabulary words are underlined>. Use your resources to learn the definition of each word.



_____ is needed for plants grow their roots. It's like a home for plants

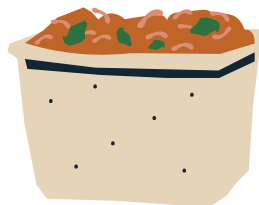


Word Bank
Compost
Soil
Castings
Recycle

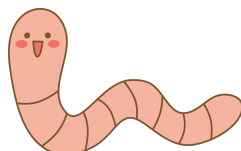
_____ means using things again instead of throwing them away. We can recycle paper and food scraps to make compost.



_____ is special food for the soil. It helps plants grow big and strong



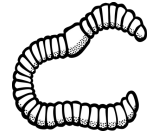
_____ also called worm poop, is a valuable fertilizer packed with nutrients that plants love.



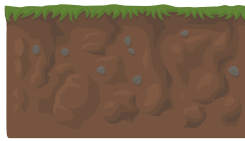
Name _____

Prek-2nd Grade Vermiculture

For beginner worm farmers trace over the vocab word. Use your resources to learn the definition of each word.



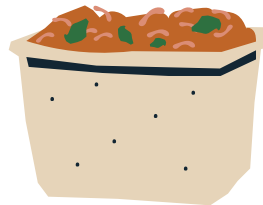
SOIL is needed for plants
grow their roots. It's like a
home for plants



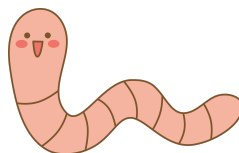
RECYCLE means using things again
instead of throwing them away. We can
recycle paper and food scraps to make
compost.



COMPOST is special food for the soil.
It helps plants grow big and strong



CASTINGS also called worm poop, is a valuable
fertilizer packed with nutrients that plants love.

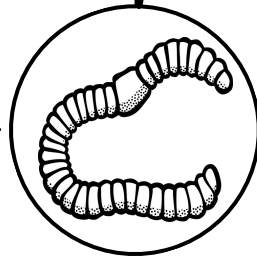


Name _____

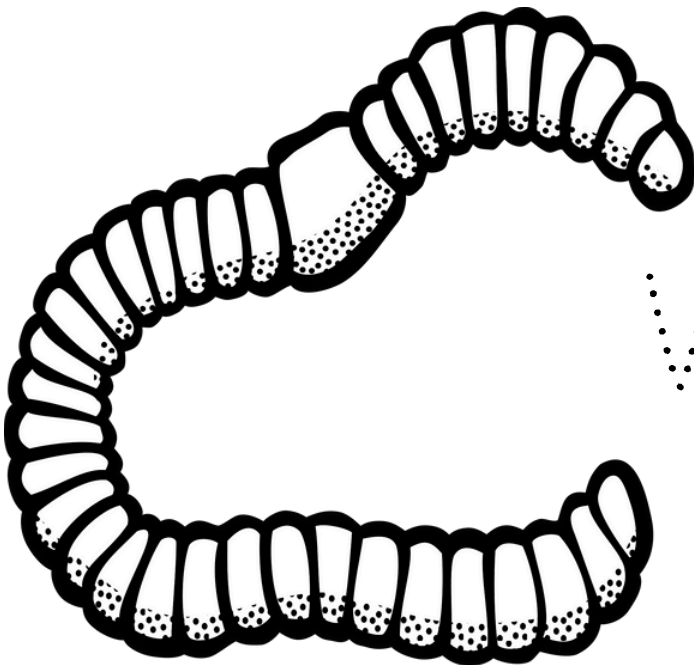
Prek-2nd Grade Vermiculture

Draw a worm

Draw worm food



Color and trace



WORM

Prior to completing documents - watching all the videos and engaging in a class discussion afterward is highly recommended.



"Vermicomposting, a fun way to say "worm composting," turns food waste into a nutrient-rich treasure called castings. These aren't just ordinary droppings – they're worm poop supercharged by their amazing digestive systems! Vermicomposting harnesses the power of worms to break down food scraps, creating a valuable fertilizer for your plants." - Abby

What we want Prek-2nd Grade to understand.

- **Worms are living creatures: They breathe, eat, and move.**
- **Worms help the Earth: They make soil healthy for plants to grow.**
- **Worms eat food scraps: We can help them by giving them fruit and vegetable scraps.**
- **Worms like dark, moist places: We can make a home for them with soil and water.**
- **Worms turn food into compost: This is like magic soil that helps plants grow big and strong.**

Vermiculture is the process of using worms to convert organic waste into nutrient-rich compost called 'vermicompost'. Red wiggler worms are commonly used for this purpose due to their ability to consume large amounts of food. By creating a suitable environment with bedding, moisture, and a balanced diet, worms can thrive and produce valuable compost for gardens and plants. This sustainable practice helps reduce waste and improves soil health.

To get students thinking here are age appropriate conversation starters targeted towards 'worm-thinking'

- **Imagine you were a worm. What would you eat for dinner? Where would you live?**
- **Why do you think worms are important for our planet?**
- **What kind of superhero powers would a worm have?**
- **If you could be any size, would you rather be a tiny worm or a giant worm? Why?**

