Name _____

Ellis County Farm Bureau
The Voice of Agriculture

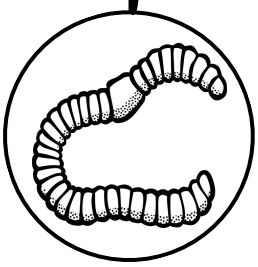
5th & 6th Grade Vermiculture

List two reasons why worms are important and use full sentences.

1

2

Explain in full sentences how worms impact soil.



Label parts of a worm.

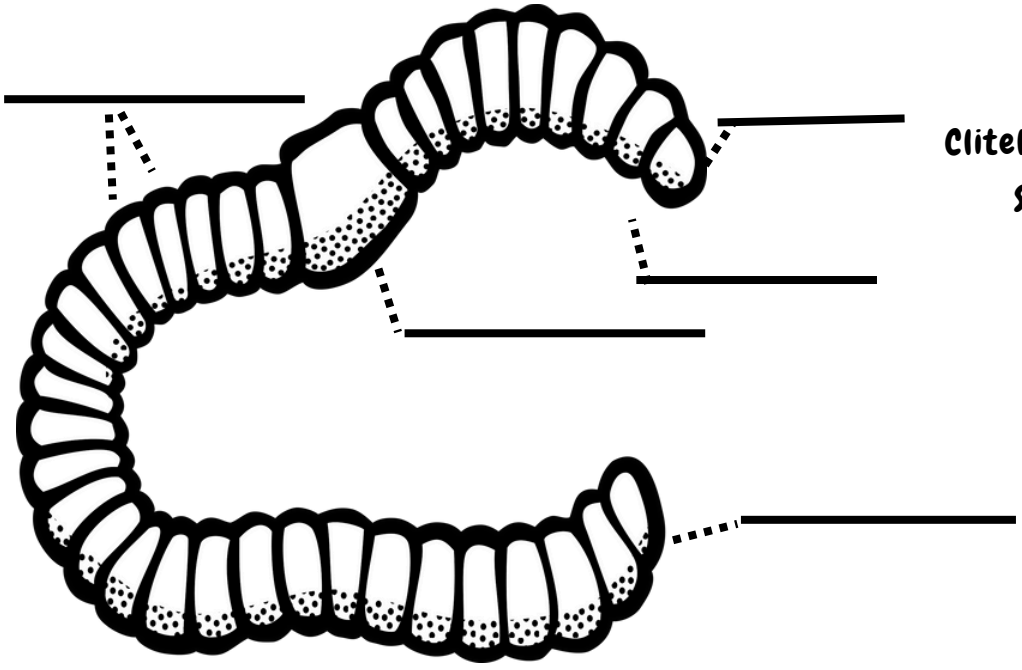
Head end

Tail end

Mouth

Clitellum (saddle)

Segments



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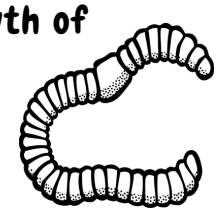
The vocabulary words are underlined. Use your resources to learn the definition of each word.

Worms help to <u>aerate</u> and loosen the soil, enhancing its water retention capacity and support plant growth.

Worms consume <u>organic matter</u> and generate nutrient-rich <u>castings</u>. This process transforms food scraps and deceased plants into valuable nutrients that support the growth of living plants.

Introducing <u>vermicomposting</u> in your classroom allows students to witness how common creatures like worms transform into an exceptional tool for <u>recycling</u>. They turn kitchen scraps into <u>compost</u>, which in turn nourishes and supports the growth of living plants.



Areate:

Organic Matter:

Castings:

Vermicomposting

Recycling

Compost

Educators Page 5th & 6th Grade Vermiculture

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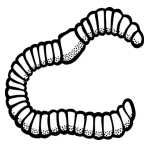

"Vermicomposting, a fun way to say "worm composting," turns food waste into a nutrient-rich treasure called castings. These aren't just ordinary droppings – they're worm poop supercharged by their amazing digestive systems! Vermicomposting harnesses the power of worms to break down food scraps, creating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

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

- Worm farming also known as "Vermiculture"
- The process of harnessing earthworms to convert organic waste
- The world's most nutrient-rich fertilizer; worm manure.
- Also referred to as "castings".

Instructions: The vocabulary words are underlined. Use your resources to learn the definition of each word. Teachers discretion on the "resources" used.

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