A Science Trail for 3rd Grade
Created by Miss Dague

Science Standards
3.1.2
3.5.1

Are you ready to do a WORM search? We are going to be investigating worms around the campus of Manchester College. Think back to the information we have already learned about worms. You will need to use it for this trail. We will compare some worm habitats and end with a really cool project!! Follow the instructions to find what lies ahead....
Stop #1 ~ Muir Peace Garden

Located across from Helman Hall on the corner of Wayne St and College Ave.

Digging for Worms!!

Find an area of dirt. Dig around with the shovels provided. Look for worms.

*Remember, be careful with the worms we are disturbing them in their homes, so we want to put them back the way we found them*

How many worms did you find?
What do you see around the area where you found the worms?

What is their environment like?
Stop #2 ~ Winger Classroom
Winger is located across the mall from the library, go to the classroom on second floor where our materials are laid out.

Worm Measuring!!

Find an area to sit with a partner. As a pair you should have two worms. Measure both of your worms, record your measurements. Have a worm race, record the results.

What are the measurements of your worms? If they are different, why do you think that is?
Did your worms race in the same direction? Did one win? Tell me the results of the race.
Stop #3 ~ MC Science Center ~ Science Lab
The Science Center is the huge, new building. It is next to the library.

Worm Dissection!!

We are going to be dissecting worms!! Please take a seat at a station. In groups of 3 or 4 begin to check out your worm. You may cut into the worm and explore the inside. Look at every part. Notice what looks different to you.

Can you find the hearts? Do you know how many there are?

Write down some things you see in the worm?
What are your feelings about dissecting a worm?
Objectives and Assessments

Stop #1

Objective: After observing the worms, the students will completely answer both questions on the packet provided.

Assessment: I will look at their answers and check to see if they make sense. There is no right or wrong answers though.

Stop #2

Objective: After measuring the worms, the students will record their exact measurements in the space provided.

Assessment: I will observe for participation and make sure that the students filled in probable answers to the questions.

Stop #3

Objective: After dissecting the worms, the students will be able to name one part of the body of the worm, with 100% accuracy.

Assessment: I will assess the students informally by asking them questions during the dissection.
Materials List

- Hand-held garden trowels
- Hand-held garden hoes
- Students need to bring a pencil
- Ruler
- Dead worms to dissect
- Dissecting Instruments
- Magnifying glass
- Camera to document this cool experiment with your class!