

Science Trail
3rd Grade
Science Standards: 3.1.2, 3.2.6, 3.5.1

During this Science Trail we are going to explore about flowers. In order to think about flowers we need to think like a *botanist*. A *botanist* is a person who studies plants or flowers! So during your travels for this Science Trail try to think like a *botanist* when looking and studying the flowers at the destination points. The Science Trail is made up of 3 destination points, around Manchester College campus, where there is an activity involving flowers. You will go to each destination point in a group of three or four, each with a clipboard to answer the questions. Remember we are thinking like *botanists*. Feel free to write or draw anything else that you observe! Keep an open mind and enjoy!

Remember to bring: this packet, clipboard to write on, a ruler, and a pencil.

Quotes

The Earth Laughs in Flowers ~Ralph Waldo Emerson~

Where flowers bloom so does hope ~Lady Bird Johnson~

*Each flower is a soul opening out to nature
~Gerard De Nerval~*

Perfumes are the feelings of flowers ~Heinrich Heine~

Calvin Ulrey Destination



- 🌀 During this stop you will explore the flowers by the Calvin Ulrey building (refer to map if needed). There is a flower bed right under a tree by the back entrance of the building. As you came closer to the flower bed, describe what you saw in one or two sentences.

- 🌀 How many petals are on each flower? Does each flower have the same amount of petals or not? What do you notice about the colors of the flowers? Anything else you see?


📍 Draw a picture below of the flowers you see. Once back in the classroom you will be able to color your drawing!

Science Center Destination



- ☀ These flowers are both located front and behind the Science Center building (refer to map if needed). What characteristics do you notice *first* about these flowers that are *different* than the previous destination you visited? *Suggestion: You could make a list or a chart.*

- ☀ Are some of the flowers still in buds? How many buds do you see if any? How many buds have already bloomed? Are each of these flowers separate or in a bunch together?

 Draw a picture below of the flowers you see. Once back in the classroom you will be able to color your drawing!

Cordier Auditorium Destination



- ◆ Next, with a partner from your group share a ruler and measure in centimeters the tallest flower you see. Then also measure the shortest flower you see. Compare and write down your results from measuring. Also write down what you think about the measurements and any other comments you have.

◆ Draw a picture below of the flowers you see. Once back in the classroom you will be able to color your drawing!