



YOUTH ART PROJECT FOR:

# BOTANY

## OBJECTIVE

Students will learn what Botany is.

Set up/prep time:

**30 minutes**

Activity Time:

**2-3 hours**

Materials Needed:

**Colored pencils, pencil, eraser, paper, & fine point black marker.**





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## COMMON CORE STATE STANDARD

ELA-Literacy.RST.6-8.4

Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6–8 texts and topics.

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## PRE LESSON ASSESSMENT

Do a pre assessment to understand what the students already know about botany.

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## VOCABULARY

Botany

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## RELEVANT RESOURCES

### Content

<http://www.botany.org/bsa/careers/car-what.html>  
[http://www.fastplants.org/life\\_cycle/](http://www.fastplants.org/life_cycle/)  
<http://en.wikipedia.org/wiki/Botany>

### Art

<http://www.wikihow.com/Draw-Leaves>  
<http://www.wikihow.com/Draw-Botanical-Plants>  
<http://www.clker.com/clipart-growing-plant.html>

### Students will engage in:

- Listening
- Speaking
- Reading
- Writing
- Partner Work
- Cooperative Learning
- Whole Group Instruction
- Visuals
- Hands on
- Technology Integration
- A Project
- Centers
- Simulations
- Activities

*"The Earth has music for those who listen."  
~George Santayana*





## STEP 1

Starting with a blank piece of paper have the students draw a variety of plants lightly in pencil.



## STEP 2

After the students are done with their pencil drawing have them go over their artwork with a black fine point marker. Use cross-hatching and stippling to help add specific details to the plant. To make the plants darker in areas have the students shade on small parts of the leaves and stems. Have the students use the techniques of cross-hatching and stippling. (Refer to Emanuel Art technique book for more information on these art techniques).



## STEP 3

After the students' artwork is outlined and perfected have the students then color their artwork either with colored pencils or watercolors. Have the students make notes along their plants about what they have learned concerning botany.



### POST LESSON ASSESSMENT

Do a post assessment to determine what new knowledge the students have gained about Botany.