

Science 4th Grade – Spring 2021

Hi! My name is Misty Causey. I will be your child's 4th grade Science mentor. We will be exploring botany, which is the study of plants. Students will complete weekly reading and homework assignments, take home tests, in class experiments and activities, and a project due on April 9th.

If you have any questions or concerns about this class, you may contact me by email at Misty.causey@saalem.edu or by my cell phone (336) 419-5433. I'm looking forward to an exciting semester! Adjustments may be made to the schedule. I will notify you if a change may occur.

Textbook Needed: Apologia Exploring Creation with Botany
ISBN 978-1-932012-49-1

Additional Supplies- Pencils, glue stick, scissors, and colored pencils/ crayons/ markers. Please come to class prepared with completed assignments on notebook paper, textbook, and supplies.

WDYR- WDYR stands for What Do You Remember. The students will answer the "What Do You Remember" Questions included in that week's reading. Some weeks there will be 2 sets of WDYR questions in the weekly reading for them to answer. They should complete these on loose leaf notebook paper each week.

Project Due on April 9th - Please choose one of the following to display at Arts and Science night as well as to present in front of the class:

- 1.) *Complete the seeking the Light Project on pg 124. Record your findings on a Scientific Speculation Sheet (found at the beginning of the book); take photographs of your experiment.*
- 2.) *Complete the "A Tree Grows Up" activity on page 144 by turning your story into a book. Be Creative! Include drawings, paintings, or real-life items (leaves, plants, etc.)*
- 3.) *Complete the Opening and Closing Pinecones project on pg. 144. Be sure to record the project on a Scientific Speculation Sheet. Take photographs and display with sheet.*

Class Schedule

January 8th - First Day of Class- Journal, Root Hunt/ Homework (Read pages 107-114) (Complete WDYR)

January 15th -Journal, Tree Ring activity, cactus activity / Homework (Read 117-123) (NO WDYR)

January 22nd – Journal, Twig anatomy, tree measuring / Homework (Read 125-129) (NO WDYR)

January 29th – Journal, Tree trunk layering activity, tree bark rubbing / Homework (Read 131-133) (Complete WDYR)

February 5th – Journal, Jeopardy Game (Lessons 7-9) / Homework (Review pages 107-133)

February 12th – Review Take Home Test / Homework (Complete Take Home Test)

February 19th – Journal, comparing transpiration activity/ Homework (Ready 135-138) (Complete WDYR)

February 26th – Notebook Activities / Homework (Read 139-143) (Complete WDYR)

March 5th – Journal, Frond activity 1, front activity 2 / Homework (Read 145-149) (Complete WDYR)

March 12th – Moss Activity / Homework (Read 151-158) (No WDYR)

March 19th – Make your own Nature Journal / Homework (Read 159-166) (Complete WDYR)

March 26th –Grade and Review Take Home Test / Homework (Complete Take Home Test)

April 2nd – No Classes Good Friday

April 9th – Present Projects (Projects due)

April 16th – Last Day of class – Continue to present projects

April 19th - Arts and Sciences Night (6:30PM)