

**TOCOI CREEK HIGH SCHOOL**

**2021 - 2022 Virtual Open House**



# **Biology**

**Ms. Sanford**

# ABOUT ME - Ms. SANFORD

Ms. Sanford was born in a Jacksonville, FL and raised in Palm Valley. She graduated from Fletcher High School in Neptune Beach, FL and started in the dental field while I high school. After high school she graduated from college as a Dental Hygienist. After 20 years in Dentistry, she returned to College to received her Bachelors and then Masters Degree in Biology and worked as an Adjunct Professor teaching Biology. She also worked for a couple of years as an Environmental Scientist in an Engineering firm in the eastern part of PA. But teaching was really her passion, so she returned to teaching and chose to educate High School students. She loves to tell them interesting facts about the Human body and fun facts about Biology. Ms. Sanford also teaches at St Johns River State College as an Adjunct Instructor teaching Environmental Science and Introduction to Biology.

Ms. Sanford loves being outdoors, taking care of her 2 aquatic turtles, 2 cats and dog. They keep her pretty busy. She also loves working around her 1.5-acre property and watching all the wildlife.





# COMMUNICATION AND PARENT CONFERENCES

- **TEACHER EMAIL:** Marshasanford@stjohns.k12.fl.us
- **TEACHER AVAILABLE TIMES:** I can meet with students during TORO Time and by appointment. It is in the student's best interest to make an appointment. It is not unusual that I am in a meeting in another room.
- **ADDITIONAL INFORMATION:** Emails are the best way to reach me. If needed, I can set up a TEAMS meeting in lieu of an on-campus conference or a phone conference.

*IT IS IMPORTANT TO NOTE THAT ST. JOHN'S COUNTY SCHOOL DISTRICT TEACHERS HAVE UP TO 48 SCHOOL HOURS TO RESPOND TO A REQUEST FOR CONTACT. PLEASE DO NOT SUBMIT TIME SENSITIVE CONCERNS VIA EMAIL.*

# BIOLOGY YEAR AT A GLANCE

All Biology (Biology I and Biology Honors) courses cover the same major topics.

- QUARTERLY BREAKDOWN WITH MAJOR TOPICS COVERED

## **Quarter 1**

Nature of Science (Scientific Method)

Biochemistry (Macromolecules and Enzymes)

Cells (Structure and function)

## **Quarter 2**

Molecular Genetics (DNA-RNA-Proteins)

Mitosis – Meiosis

Mendelian Genetics

*SJCSD YEAR AT A GLANCE:* <https://www.stjohns.k12.fl.us/year-at-a-glance/>



# BIOLOGY YEAR AT A GLANCE

(continued)

All Biology courses cover the same major topics.

- QUARTERLY BREAKDOWN WITH MAJOR TOPICS COVERED

## Quarter 3

Origins of Life

Evolution (Natural Selection)

Structure and Function of Plants

Photosynthesis and Cellular Respiration

## Quarter 4

Ecology

Energy in Ecosystems

Renewable Energy and Recycling

*SJCSD YEAR AT A GLANCE:* <https://www.stjohns.k12.fl.us/year-at-a-glance/>

# HOMework

## ADDITIONAL INFORMATION THAT IS PERTINENT REGARDING HOMEWORK IN MY CLASS

- Specific “handout” homework is rarely assigned. HOWEVER, the expectation is that a student review their notes for at least 15-30 minutes every day or review the material that was covered during the class period that day. Students are always given a hard copy of the Unit expectations (Unit Scales), the vocabulary, and PowerPoint notes and a Quarter review packet at the beginning of every quarter. In the event your student has lost these papers, everything can be found in the Unit folder on Schoology.



# GRADING

## Quarter grades will be based on the following percentages

70% Tests

30% Quizzes, Labs and other assignments

Biology has an End of Course Exam (E.O.C.) will be 30% of the final grade.

**REMEDIATION:** If you get less than 85% on a Summative, there will be a chance to re-take it. There are requirements that a student must follow in order to be eligible to retake a Summative. A student can not just retake a test without showing me evidence of understanding the material. In Schoology, there is a check off list of items to do, along with needing a teacher conference prior to retesting. Students will have 48 hours to inquire about remediation and it is their responsibility to check HAC for their grade. They must setup AND keep the retest day and time.

**MISSED QUIZZES, TESTS, AND ASSIGNMENTS** must be completed as soon as possible. ALL material can be found on Schoology, so a student is able to keep up with their schoolwork. See me after any absence to choose a date and time to make up assessments. If you only missed the day of the test, the next day you return to school you will take the test.

# Additional Information

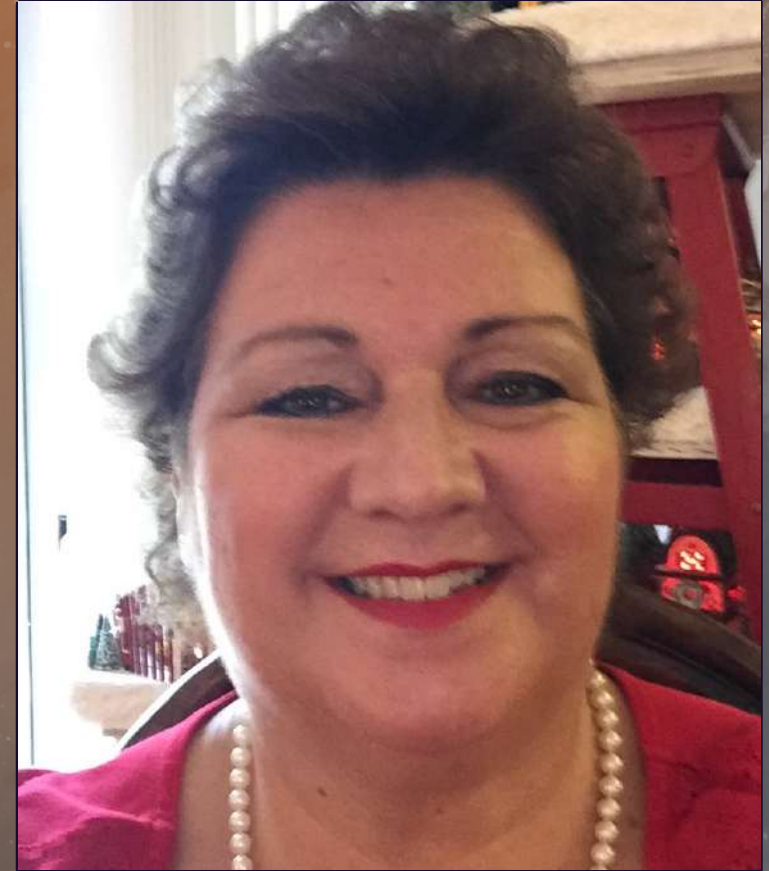
I want to thank those parents who have already donated to my classroom. I still have a couple of items on my Amazon Wish List. I have added the link below.

[https://www.amazon.com/hz/wishlist/ls/SO0XNPEWL0M?ref\\_=wl\\_share](https://www.amazon.com/hz/wishlist/ls/SO0XNPEWL0M?ref_=wl_share)



# THANK YOU!

IT IS A PLEASURE TO PARTNER WITH YOU IN THIS YEAR'S EDUCATIONAL JOURNEY. WE APPRECIATE YOUR CONTINUED SUPPORT.



**HORNS UP...TOCOI!**

