

TOCOI CREEK HIGH SCHOOL
2021-2022 OPEN HOUSE

A.P. BIOLOGY &
BIOLOGY-1

JOSHUA KASPAR



ABOUT ME

MR. JOSHUA KASPAR GREW UP IN CENTRAL FLORIDA. HE RECEIVED HIS DEGREE IN BIOLOGY EDUCATION FROM UNF IN 2009.

MR. KASPAR HAS PREVIOUSLY TAUGHT AT FRUIT COVE MIDDLE SCHOOL AS WELL AS CREEKSIDE HIGH SCHOOL BEFORE COMING TO TOCOI CREEK. HE IS PROUD TO SAY THAT MANY OF HIS PREVIOUS STUDENTS HAVE GRADUATED AND SOUGHT CAREERS IN SCIENCE AND MEDICINE.

HE LIVES IN ST. AUGUSTINE WITH HIS WIFE, DAUGHTER, AND COLLECTION OF BOARDGAMES.



COMMUNICATION AND PARENT CONFERENCES

- TEACHER EMAIL: JOSHUA.KASPAR@STJOHNS.K12.FL.US
- TEACHER AVAILABLE TIMES: BEFORE SCHOOL – 8:30–9:00 MOST DAYS
- PLEASE DO NOT HESITATE TO REACH OUT AND SET UP A TIME TO TALK
- CLASSROOM WISH LIST: [HTTPS://TINYURL.COM/TCHS-229](https://tinyurl.com/tchs-229)
- CLASSROOM SUPPLIES ARE NEEDED THROUGHOUT THE YEAR:
 - 1 REAM OF COPY PAPER
 - PACKAGE OF COLLEGE-RULED LINED PAPER
 - LYSOL WIPES
 - BOXES OF TISSUES
 - ROLLS OF PAPER TOWELS

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.

A.P. BIOLOGY - YEAR AT A GLANCE

- **Q1: GROWTH AND METABOLISM**

- ENERGETICS
- CELL STRUCTURE
- FEEDBACK
- HOMEOSTASIS
- REGULATION AND COORDINATION

- **Q2 : GENETICS**

- DNA
- EXPRESSION
- GENETIC VARIATION
- CHEMICAL COMMUNICATION
- INFORMATION

- **Q3:EVOLUTION**

- NATURAL SELECTION
- PHYLOGENY
- SPECIATION
- BIOGENESIS

- **Q4:ECOLOGY**

- ORGANIZATIONAL HIERARCHY
- COMPETITION AND COOPERATION
- DIVERSITY AND THE ENVIRONMENT

SJCSD Year at a Glance: <https://www.stjohns.k12.fl.us/year-at-a-glance>

BIOLOGY-1 - YEAR AT A GLANCE

• 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

• 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

**** Organization is very important for success in this course! ~~Get a binder and keep everything.~~ You will need to review everything for the Quarter tests AND the End of Course (EOC) exam. ****

SJCSD Year at a Glance: <https://www.stjohns.k12.fl.us/year-at-a-glance/>

GRADING

- **QUARTER GRADES WILL BE BASED ON THE FOLLOWING PERCENTAGES**
 - 70% TESTS
 - 30% QUIZZES, LABS AND OTHER ASSIGNMENTS
- *BIOLOGY-1 E.O.C. EXAM WILL BE 30% OF THE FINAL GRADE

REMEDICATION: IF YOU GET LESS THAN 85% ON A TEST, THERE WILL BE A CHANCE TO RE-TAKE IT.

- **MISSED QUIZZES, TESTS, AND ASSIGNMENTS** MUST BE COMPLETED WITHIN THE FOLLOWING TIME PERIOD:
 - [# DAYS MISSED] + 1. SO IF YOU MISSED 2 DAYS OF SCHOOL, YOU HAVE 3 SCHOOL DAYS TO COMPLETE MISSING ASSIGNMENTS. SEE ME AFTER ANY ABSENCE TO CHOOSE A DATE AND TIME TO MAKE UP ASSESSMENTS.



EVERY WEDNESDAY
3:00-4:30 P.M.
ROOM 04-339

FROM MRS. VIORRITTO...

THANK YOU ALL FOR YOUR SUPPORT
AS WE OPENED A NEW SCHOOL
TOGETHER. IT'S BEEN *JAW-DROPPING*
FUN TO GET TO KNOW EVERYONE!

I'LL SEE YOU AROUND THE SCHOOL!

HORNS UP, TOCOI!



THANK YOU!

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

HORNS UP.... T.O.C.O.!!

