

Santa Rosa County School Board



Regular Meeting
Second and/or Fourth
Thursday of each month

William S. Emerson
Assistant Superintendent
Curriculum, Instruction, and Assessment
5086 Canal Street
Milton, FL 32570
Phone: (850) 983-5040
Fax: (850) 983-5067
E-mail: emersonw@santarosa.k12.fl.us

Tim S. Wyrosdick
Superintendent

BOARD
Diane L. Scott
District 1
Buddy Hinote
District 2
Carol Boston
District 3
Jennifer Granse
District 4
Scott Peden
District 5

MEMORANDUM

DATE: February 26, 2018

TO: Tim Wyrosdick
Superintendent
Santa Rosa County District Schools

FROM: Bill Emerson
Assistant Superintendent

SUBJECT: 2018 Summer STEAM Camps for 5th and 8th Grade students

This memorandum is to provide a cost estimate for implementing a STEAM summer camp program for 5th grade and 8th grade students in the Santa Rosa County School District. The STEAM camps would serve 150 students each and take place in the south end at Woodlawn Beach Middle School and in the north end at King Middle School. The camp would last for 1 week with attendance from 8 am to 12 noon each day with a snack served in the middle of the day. The camps pose a dynamic problem for students to solve in teams and would allow them to make a hypothesis, conduct scientific testing, record and analyze data, and then draw and summarize their conclusions each day. The camps would utilize existing kits of small microcontrollers called arduinos that provide students with the opportunity to test a variety of environmental characteristics, such as acceleration, luminosity, and temperature, with real time analysis of feedback data.

The student attendees would be able to attend the camp at no charge to the student. Each attendee would receive a certificate and a thematic t-shirt to commemorate their participation. The experiences will be designed to foster excitement in STEAM related fields of study. The camps will be staffed from our existing instructional personnel and will be under the supervision of our Math and Science Coordinator, Jeff Baugus.

I have prepared a detailed cost estimate on what it will cost to hold two 5th grade camps and two 8th grade camps in the summer of 2018.

Cost estimate for STEAM Summer Camps

Staff Costs: for 150 students we would need 6 teachers and a lead teacher. The lead teacher might be one of our Teacher on Special Assignment teachers or a curriculum coordinator. The lead teacher would be paid 20 camp hours and 10 hours of prep time during the week of camp in addition to 6 hours for camp set up on the preceding Friday for a total of 36 hours. Each teacher would be paid for 20 hours of actual camp time and 5 hours of prep time during the week of camp in addition to 6 hours for camp set up on the preceding Friday for a total of 31 hours. I will use the figure of \$35 per hour which includes benefits.

Lead Teacher	1 for 36 hours @ 35.00	1,260.00
Teacher	6 for 31 hours @ 35.00	<u>6,510.00</u>
Total for 1 camp		7,770.00

Supplies: For each camp we would need snacks, T-shirts, certificates and other printing and paper supplies. I will make an estimate for these costs as well.

T-shirts	10.00 for 150 students	1,500.00
Snacks	3.00 for 150 students for 5 days	2,250.00
Certificates	0.50 for 150 students	75.00
Misc. Materials	5.00 for 150 students	<u>750.00</u>
Total for 1 camp		4,575.00

Custodial/Food Services: Ask for donated services

Total Estimated Cost for 4 camps	\$49,380.00
---	--------------------