

SCIENCE EDUCATION PLAN

All science is taught from a **creationist, Christian, Biblical worldview** while making students aware of other worldviews. The objective is to teach students to see the Hand of the Creator in all of nature. **Classes at all levels are instructional, while stressing hands-on lab activities during each class.**

Students who follow our comprehensive science education plan will progress through the Life, Biological, Physical, Earth, and Marine Sciences, covering scientific information in a sequence similar to public and private schools.

2018-2019: Grades 3-8 Track B - Earth & Physical Sciences

Grades 3-4: Earth & Physical Sciences

Lab sheets, supplemental info (no text).

Grades 5-6: Physical Science

Text: *Science 6*, Christian Schools Int'l.

Grades 7-8: Earth Science - Text: *Earth Science for Christian Schools*, BJUP.

2018-2019: High School Classes with Honors Option Offered

Biology and marine science classes meet state and/or national standards. Science Partners is an approved educational provider for Circle Christian School.

Biology 1 with Lab: Course 2000310

Biology 1 Honors with Lab: Course 2000320

Text: *Biology*, Bob Jones Press.

Marine Science 1 with Lab: Course 2002500

Marine Science 1 Honors with Lab: Course Number 2002510

Prerequisite: High School Biology.

Text: *The Ocean Book*. Class utilizes lab activities, handouts, SeaWorld activities, semester projects, and field trips.

PLEASE NOTE: High school students are required to use Microsoft Word or Open Office for their written reports.

REGISTRATION/TUITION

Minimum class size is six students; maximum class size is 18 students.

REGISTRATION FEE for science classes is \$150 for a single student or \$125 each for two or more students enrolling from the same family. Fee covers use of textbook (grades 5-12), lab equipment, and lab supplies. For marine science students, it also includes presentations and field trip fees for students and parent chaperones.

MONTHLY TUITION / LATE FEE Tuition is due on the 1st day of each month for ten months (August through May). A \$5 per student late fee is due for each tuition payment that is not made **BY** the 10th of the month.

Grades 3-8: Tuition is \$75 per month or \$750 per year per student. You may save \$25 by making a single payment of \$725 by the first class.

Grades 9-12: Tuition is \$85 per month or \$850 per year per student. You may save \$25 by making a single payment of \$825 by the first class.

Please make checks payable to **Science Partners**. Tuition may be turned in during class or mailed to *Science Partners*, 343 Allison Avenue, Longwood, FL 32750.

CREATION ADVENTURES

Bill and Merilee Clifton offer **Creation Adventures** for homeschool families, Christian schools, churches, and others interested in field trips or workshops with a creationist, Christian, Biblical worldview. The Cliftons are science educators, authors, creationists, and Florida Master Naturalists. They know their way around the great Florida outdoors and will personally lead each adventure, providing a unique and fascinating creationist perspective of God's great design in nature. For more info including calendar and registration forms, check out <http://sciencepartners.net/Calendar.htm>.

2018-2019

HOMESCHOOL SCIENCE CLASSES

Grades 3-12



offered by

SCIENCE PARTNERS

Bill & Merilee Clifton

Cell / Text: 407-808-4458

Email: sciencepartners@cfl.rr.com

Website: www.sciencepartners.net

TUESDAY - WEEKLY SCIENCE CLASSES

WaterStone Church

900 North St., Longwood, FL 32750

2018-19 weekly classes meet 32 times on Tuesdays beginning August 21 and ending May 14. **Orientation is on Monday, August 13, at 6:00 PM.** Classes for grades 3-8 meet for 1½ hours. High school biology classes meet for two hours.

Tuesday Weekly Class Schedule:

7-8 Gr. Earth Science	8:00 - 9:30 AM
9-12 Gr. Biology	10:00 AM - 12:00 PM
5-6 Gr. Physical Science	12:30 - 2:00 PM
3-4 Gr. Earth & Physical Sciences	2:30-4:00 PM

CLASS DRESS CODE

For modesty, mobility, and safety, students are required to wear a uniform that consists of:

Shirt:

The uniform shirt is a navy polo-type shirt with collar and buttons. Shirts are worn tucked in.

Pants:

Khaki / tan colored shorts or long pants (no “hip-huggers” or “low riders”). Shorts must come close to the knee. Girls may wear Capri pants (no skirts, skorts, or culottes).

Shoes:

Lace up, closed toe, and closed heel shoes (such as tennis shoes or athletic shoes).

Head Wear:

Hats or caps are not permitted in the classroom. They are distracting, they restrict sight, and they are potentially dangerous in the lab setting.

Special Note: Students may not wear visible tattoos or body piercings (with the exception of girls’ ear lobes).

FRIDAY - MONTHLY MARINE SCIENCE

Marine Science at SeaWorld (MSSW)

High school biology is a prerequisite. Each student needs a SeaWorld annual pass. Orientation is on Monday, August 13, at 7:00 PM. at WaterStone Church, Longwood. MSSW includes eight monthly Friday classes (six at SeaWorld and two at WaterStone Church), two all-day Friday field trips, and two Monday evening semester project presentations. **These 12 dates listed below must be a priority! PLEASE DO NOT ENROLL if you have ANY conflicts, including sports, drama, speech, debate, family vacations, competitions, youth group events, etc.**

MSSW Dates, Places/Events, and Times:

Aug. 24 WaterStone Church, 9:45 AM - 2:00 PM
Sept. 14 SeaWorld, 9:45 AM - 2:00 PM
Oct. 12 SeaWorld, 9:45 AM - 2:00 PM
Nov. 9 All-day Field Trip: 6:00 AM - 3:00 PM
Nov. 26 Sem. 1 Project Presentations, 7:00 PM
Dec. 14 SeaWorld, 9:45 AM - 2:00 PM
Jan. 11 SeaWorld, 9:45 AM - 2:00 PM
Feb. 8 WaterStone Church, 9:45 AM - 2:00 PM
Mar. 8 All-day Field Trip: 7:45 AM - 4:00 PM
Apr. 12 SeaWorld, 9:45 AM - 2:00 PM
Apr. 29 Sem. 2 Project Presentations, 7:00 PM
May 10 SeaWorld, 9:45 AM - 2:00 PM

MSSW Class and Field Trip Topics:

- Introduction to Marine Science.
- Osteichthyes (Bony Fish), Chondrichthyes (Cartilaginous Fish).
- Pinnipeds (Seals, Sea Lions, Walruses) and Marine Invertebrates.
- Marine Animal Behavior.
- Aves (focus on Water Fowl) and Marine Reptiles (Sea Turtles).
- Cetaceans (Whales and Dolphins).
- Arctic and Antarctic Ecosystems, Animal Husbandry.
- Class/Field Trip: Snorkel with Manatees.
- Class/Field Trip: Florida’s Marine Habitats.

MSSW Homework: Assignments may include, but are not limited to, completing lab activities begun in class, handouts, monthly reading assignment, monthly test, and semester projects.

MARINE SCIENCE - CONTINUED -

MSSW Grades/Credit: Former students have earned high school credit for Marine Science 1 with lab - 2002500. With extra assignments, Marine Science 1 Honors – 2002510 may be earned. Class meets Florida state standards. Science Partners cannot issue credit, but will give monthly grade sheets. Parents are responsible for applying for credit from their county or umbrella/private school covering.

MSSW Semester Field Trips

Parents are needed to drive and chaperone both field trips listed below.

Semester 1 Field Trip – Fri., Nov. 9, 2018:

This field trip will focus on *Sirenians* (manatees) as we snorkel out of Crystal River. Class hours for this field trip are 6:00 AM – 3:00 PM.

Semester 2 Field Trip – Fri., March 8, 2019:

This field trip will focus on Florida’s Marine Habitats and include Canaveral National Seashore, Merritt Island National Wildlife Refuge, the Indian River Lagoon, and the St. Johns River. Class hours for this field trip are 7:45 AM - 4:00 PM.

MSSW Semester Projects

Each semester project has three components: a written report, “the project,” and an oral report. Students will present their project and oral report for families and peers at WaterStone Church on the dates listed below. Instructions will be given and the project discussed in classes leading up to each project due date.

Semester 1 Project – Top Marine Predator

Mobile: Presentations will be on Monday evening, **November 26, 2018**, at 7:00 PM.

Semester 2 Project – Instructional Product /

Teaching Tool: Presentations will be on Monday evening, **April 29, 2019**, at 7:00 PM.

Dress Code: See information in first column.

SCIENCE PARTNERS

2018 - 2019 Registration Form

Today's Date:	REGISTRATION FEE PLEASE CHECK ONE:	Registration fee covers lab equipment and lab supplies for all students, as well as use of textbook for grades 5-12. For marine science students, it also includes semester field trips and project presentations.
Your Check Number:	\$150 for a single student	
	\$125 each for two or more students from same family	

PLEASE CHECK YOUR PREFERRED CLASS BELOW:

<u>TUESDAY – WEEKLY CLASSES:</u> Meeting at WaterStone Church, Longwood		<u>FRIDAY – MONTHLY CLASS:</u> Marine Science at SeaWorld
7-8 Graders – Earth Science, 8:00 - 9:30 AM	Prerequisite: Successful Completion of High School Biology.	
9-12 Graders – Biology 1 with Lab, 10:00 AM - 12:00 PM		
5-6 Graders – Physical Science, 12:30 - 2:00 PM	10-12 Gr. – Marine Science 1 with Lab *	
3-4 Graders – Earth & Physical Sciences, 2:30 - 4:00 PM	* Check class dates and times in brochure!	

STUDENT INFORMATION: *Please fill out completely – one per student.*

Student - Name Used:			Student's Cell Phone:		
Date of Birth:	Age:	Male:	Female:	Grade in 2018 - 2019:	
Home Address:			Parent's Email:		
City, Zip:			Student's Email:		
Emergency Contact's Name (if parent unavailable):					
Emergency Contact's Phone (if parent unavailable):					
Emergency Contact's Relationship to Student:					
Where Student was Schooled Last Year:					
Health Issues / Other Helpful Info:					

PARENT INFORMATION: *Please fill out fully where DIFFERENT from student information.*

Father's Name:	Mother's Name:
Address:	Address:
City, Zip:	City, Zip:
Home Phone:	Home Phone:
Cell Phone:	Cell Phone:
Work Phone:	Work Phone:
Occupation:	Occupation:
Company Name:	Company Name:
Church/City:	Church/City:

TO REGISTER, return these three things to Science Partners, 343 Allison Ave., Longwood 32750:

1. Registration Form - one for each student,
 2. Registration Fee Check - made payable to *Science Partners*, and
 3. Family Agreement for **Weekly** or **MSSW** student - initialed and signed by student and one parent.
- Your registration is incomplete until all three items are received.** Registration fee is refundable through 06/30/18. Questions? Contact Merilee Clifton at 407-808-4458 or sciencepartners@cfl.rr.com.



TUESDAY WEEKLY CLASSES, LONGWOOD

Family Agreement

PLEASE NOTE: Student and one parent must read, initial boxes, and sign at bottom.

Registration is not complete until Family Agreement form is returned with registration form and fee.

1. Partnership / Responsibilities: We understand that parents are the primary teachers of their children and that Science Partners is coming along side of our family to assist us in science education. We also understand that a successful year of science instruction depends on student, parent, and teacher involvement. We are committed to doing our part. **For we are partners together in God's service. I Corinthians 3:9.**

2. Science Philosophy: We understand that Science Partners presents science from a Creationist, Christian, Biblical worldview while making students aware of other worldviews.

3. Quizzes: We understand that a quiz will be sent home each quarter to be administered by parents at home and returned at the next class for grading. We will follow up immediately with any questions regarding quiz or grade. We will notify Science Partners if we will not use quizzes and are taking class for enrichment only.

4. Grades / Credit: We understand that Science Partners cannot issue credit, but will return graded assignments and quizzes and also issue grade sheets on a quarterly basis. We know that we are responsible for applying for credit from our county or private school covering. **FOR FAMILIES WITH BIOLOGY STUDENTS: WE ALSO UNDERSTAND THAT NO LATE WORK IS ACCEPTED FOR HIGH SCHOOL STUDENTS, AND BIOLOGY STUDENTS MUST USE MICROSOFT WORD OR OPEN OFFICE FOR WRITTEN REPORTS.**

5. Make-up Classes: We understand that when a student misses a class, a parent should contact Science Partners about the absence. The student will receive handouts missed at the next regularly scheduled class or via email. A parent may request a make-up class if a student is absent for illness or family emergency only.

6. Attendance / Punctuality: We understand that **each student needs to be in attendance and on time** (five – ten minutes early) **for every class**. This shows respect for the teacher who has prepared for the class and also for other students working together on lab teams. Continued absences or tardiness means that the class does not work with the family's schedule. **Habitual tardiness may result in a student being withdrawn from class.**

7. Class Preparation: We understand that each student must finish lab sheets begun in class and any other homework assigned. We also understand that students in grades 5 and up have a weekly reading assignment to be completed before each class. Parents agree to review class work, make sure assignments are completed before next class, check to see that the student brings all supplies to each class, and encourage each student to do his or her best.

8. Email: We understand that we must have an active email account that accepts attachments as part of our communications with Science Partners. We agree to check our account often, especially the day before class.

9. Class Supplies / Notebook: We agree to have all class supplies required, set up a science notebook as instructed in the handbook, cover textbook (5-12 graders), and bring all supplies to every class.

10. Dress Code: We have read the dress code section of the brochure completely and agree to abide by it consistently. We understand that failure in this area will be considered defiance by the student and / or parent, and may result in a student being withdrawn from class.

11. Tuition: We understand that science tuition is due on the 1st day of the month for ten months, August through May, unless we have made one payment for the entire year by the first class in August. Tuition is \$75 per month for grades 3-8 (1½ hour classes) and \$85 per month for high school biology (2-hour classes).

12. Tuition Late Fees / Returned Check Fees: We understand that tuition is late if not paid BY the 10th of the month. If late, we agree to add \$5 per student late fee to our monthly total. We also understand that we will owe a \$15 fee for each returned check and that three returned checks will require future payments to be made by cash or money order only.

BY INITIALING ABOVE AND SIGNING BELOW, WE ARE CONFIRMING THAT WE HAVE READ, AND ARE IN AGREEMENT WITH, SCIENCE PARTNERS' POLICIES.

Student Signature _____

Parent Signature: _____

Print Parent Name: _____ Date ____ / ____ / ____



FRIDAY MONTHLY MSSW CLASS

Family Agreement

**PLEASE NOTE: Student and one parent must read, initial boxes, and sign at bottom.
Registration is not complete until Family Agreement form is returned with registration form and fee.**

1. Partnership / Responsibilities: We understand that parents are the primary teachers of their children and that Science Partners is coming along side of our family to assist us in science education. We also understand that a successful year of science instruction depends on student, parent, and teacher involvement. We are committed to doing our part. ***For we are partners together in God's service. I Corinthians 3:9.***

2. Science Philosophy: We understand that Science Partners presents science from a Creationist, Christian, Biblical worldview while making students aware of other worldviews.

3. Attendance / Punctuality: We understand that ***each student needs to be in attendance and on time*** for the six classes at SeaWorld, two classes at WaterStone Church in Longwood, two semester field trips, and two semester project presentations. If a student is late arriving at SeaWorld, he or she must call the Cliftons' cell phone to find out where to meet the class. We also understand that the two field trips and two evening semester project presentations are a major part of this class, and ***participation in every event must be a priority.***

4. Make-up Classes: We understand that when a student is absent for illness or family emergency only, it is up to the student or parent to contact Science Partners as soon as possible to make up the class via phone or at the Cliftons' home in Longwood. If that is not possible or if the absence was not due to illness or family emergency, the student will receive handouts by email.

5. Homework: We understand that ***NO LATE HOMEWORK IS ACCEPTED and STUDENTS MUST USE MICROSOFT WORD OR OPEN OFFICE FOR WRITTEN REPORTS.*** Students must turn in homework on the day it is due, even when absent. If a student is absent due to illness or family emergency, his or her homework must be postmarked by the class date to be accepted. ***IF A STUDENT IS ABSENT FOR ANY REASON OTHER THAN ILLNESS OR FAMILY EMERGENCY, HOMEWORK FOR THAT MONTH WILL NOT BE ACCEPTED.***

6. Grades / Credit: We understand that Science Partners cannot issue credit, but will return graded assignments and also issue grade sheets on a monthly basis. Grades are based on class work, homework, tests (on reading assignments and class discussion), and semester projects (written report, project, and oral presentation). Parents are responsible for applying for credit from their county or private school covering.

7. Email: We understand that we need an active email account that accepts attachments as part of our communications with Science Partners. We agree to have an email account and to check it often, especially in the days before class.

8. Class Supplies / Notebook: We agree to have all class supplies required, set up a science notebook as instructed in the handbook, and bring all supplies including SeaWorld pass to each class.

9. Dress Code: We have read the dress code section of the brochure completely and agree to abide by it consistently. We understand that failure in this area will be considered defiance by the student and / or parent, and the student may be asked to withdraw from class.

10. Tuition: We understand that monthly science tuition of \$85 is due on the class day each month for ten months, August through May, unless we have made one payment for the entire year by the first class in August.

11. Tuition Late Fees / Returned Check Fees: We understand that tuition is due on the class date and late if not paid within one week of the class date. If late, we agree to add \$5 per student late fee to our monthly total. We also understand that we will owe a \$15 fee for each returned check and that three returned checks will require future payments to be made by cash or money order only.

BY INITIALING ABOVE AND SIGNING BELOW, WE ARE CONFIRMING THAT WE HAVE READ, AND ARE IN AGREEMENT WITH, SCIENCE PARTNERS' POLICIES.

Student Signature _____

Parent Signature: _____

Print Parent Name: _____ Date ____ / ____ / ____