**Willowridge High School Aquatic Science Course Syllabus 2019-2020**

**PURPOSE OF COURSE**: In Aquatic Science, students study the interactions of biotic and abiotic components in aquatic environments, including impacts on aquatic systems. Investigations and fieldwork in this course may emphasize fresh water or marine aspects of aquatic science depending primarily upon the natural resources available for study near the school. Students who successfully complete Aquatic Science will acquire knowledge about a variety of aquatic systems, conduct investigations and observations of aquatic environments, work collaboratively with peers, and develop critical-thinking and problem-solving skills.

**Teacher Name:** Coach/Mr. Coon

**Room Number:** H209

**Contact information:** Email me at [derrick.coon@fortbendisd.com](mailto:derrick.coon@fortbendisd.com)

or call the Willowridge High School classroom desk phone at **281-634-1593**

# Tutorials: By appointment only (Tuesday-Thursday Tutorials will be done before 5th Period)

Please do not wait until the day before (or morning of!) a test to ask for help. Be proactive. When you do not understand something, come in and ask.

# General Assessment and Grade Calculation

**Daily Grades**: Homework, mini quizzes, labs, Reading assignments etc. = 50%

**Major Grades**: Tests, Projects, and formal lab reports = 50%

\*\*All tests and quizzes are cumulative, which means the material can come from any unit we have covered. \*\*

*You can access your grades online anytime by logging in to skyward. Please contact the front office if you do not have your login information.*

# Course Outline/Topics

**Fall Semester Spring Semester**

Lab Safety/ Experimental Design Aquatic Ecosystems

Introduction to Aquatic Science Coastal Wetlands

Water Chemistry & Properties Temperate Marine Ecosystems

Aquatic Cycles Tropical Marine Ecosystems

Water Dynamics Polar Marine Ecosystems

Meteorology and Geology Human Impact

Aquatic Ecology

# Class Websites

* Remind 101
  + You will also need to sign up for Remind 101. You will get due date reminders, quiz/test reminders, vocabulary, etc.
  + You have the option of receiving the information via text or email.
  + To sign up, text @coonaqua1 to 81010

**Online Textbook Access**: Your biology textbook will be in e-book format, accessible with your tablet or home computer.

To access your e-text please go to [http://my.hrw.com](http://my.hrw.com/) . (DO NOT PUT www). Username and password will be given to you once everyone gets loaded in to the system. Once they do get set, write them down below

Username:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Password:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Projects**: Projects are another assessment tool used in Aquatic Science. These give students another method of demonstrating their level of understanding of a topic and allow students to express themselves in a creative manner. Students will be provided class time to research topics and work on projects; however, time will be required outside of school hours to work on projects. For those who wish to stay after school in order to complete their projects, resources are available at the library and in my classroom during tutorial hours.

# CLASSROOM EXPECTATIONS

1. Be in **YOUR SEAT** ready to work when the bell rings
2. Bring all of your materials to class **EVERYDAY**
3. Keep hands, feet, and objects to yourself
4. No eating or drinking in the classroom
5. Be **COURTEOUS** and **RESPECTFUL** to others at all times
6. Cell phones need to be **OUT OF REACH AND OUT OF SIGHT**.
7. Listen attentively while people are speaking; don’t interrupt.
8. Raise your hand and wait for recognition before you begin speaking.
9. Do not engage in distracting behaviors: noises, movements, comments, etc.
10. Don’t get up and move around the room without permission.
11. Enter and leave the classroom without disrupting the learning environment.
12. Don’t be loud.
13. Don’t touch/take the things in/on the teacher’s desk/work area

# MAKE-UP WORK & LATE WORK

If you are absent, it is YOUR responsibility to get all work that was missed.

For each day you are absent, you have one day to make up the work.

If you miss a test, then you need to make it up in tutorials by the end of the following week. If you know you will be absent, ask for work before you leave.

**HOMEWORK**: Any homework is due the first 2 minutes of class, any homework turned in after the first 2 minutes is considered LATE WORK. If you are seen completing homework, copying homework or loaning your homework to others, you will get a ZERO on the assignment.

**EXTRA CREDIT**: Extra credit is offered in this class throughout the year. All extra credit work will be announced by the teacher.

**FAILED TESTS**: If you make below a 74 on an exam, you will be required to attend tutorials, relearn the material, and then retake the exam for a maximum of a 75 on that exam. Retakes will be a different exam.

# ACADEMIC INTEGRITY

Cheating will not be tolerated in any form. You are expected to earn your own grade in this class by doing your own work. All assignments must be done independently unless approval from teacher is given. Daily grade assignments will be given zeros when cheating is obvious. Cheating will result in calls home and office referrals. The Student Honor Code will apply to all major grades.

# TARDIES

If you are not **IN THE CLASSROOM** when the bell rings you are tardy. Please go to the tardy station for a tardy pass.

# RESTROOM/ NURSE

Please try to take care of personal matters during passing periods or during lunch. You will not be allowed to leave my class the **first and last 10 minutes** of class for restroom trips. You will not be allowed to leave my class during 5th and 7th period. You are only allowed **3 restroom passes** out of my class **per 9 weeks**, so use them wisely.

# ADDITIONAL INFORMATION AND RESOURCES

The complete Texas Essential Knowledge and Skills (TEKS) document, which was approved by the Texas State Board of Education, may be found on the internet at [www.tea.state.tx.us/teks.](http://www.tea.state.tx.us/teks)