



# WELCOME

AQUATIC SCIENCE COURSE SYLLABUS 2024-25



COACH B- [SAVANNAH.BECTON@BOERNEISD.NET](mailto:SAVANNAH.BECTON@BOERNEISD.NET)

B246 #830-357-2794

CONFERENCE: 1ST & 5TH PERIOD -BY APPOINTMENT



# ABOUT ME



# COURSE OBJECTIVE

**In Aquatic Science, students study the interactions of biotic and abiotic components in aquatic environments, including impacts on aquatic systems. Investigations and field work in this course may emphasize freshwater 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.**

## **2024-2025 School Year**

**Unit 1: Our Local Aquatic Systems- Establishing (15)**  
**TEKS: 5A, 5B, 10A, 10B**

**Unit 2: Comparing Aquatic Ecosystems (15)**  
**TEKS: 9A, 9B, 9C, 10C**

**Unit 3: Interdependence of Aquatic Organisms (10)**  
**TEKS: 5C, 5D, 11A**

**Unit 4: Homeostasis of Aquatic Communities (10)**  
**TEKS: 11B**

**Unit 5: The Effects of Earth Systems (15)**  
**TEKS: 6B, 8B**

**Unit 6: Fluid Dynamics and Nutrient Cycles (15)**  
**TEKS: 6A, 8A, 8C**

**Unit 7: Properties of Watershed (15)**  
**TEKS: 7A, 7B, 7C**

**Unit 8: The Human Impact (20)**  
**TEKS: 12A, 12B, 12C, 12D, 12E**

**Unit 9: Our Local Aquatic Systems- Conclusion (20)**  
**TEKS: 5A, 5B**

# GRADING & LATE WORK

- Major Grades = 50%  
(Tests, projects, etc.)
  - Minimum of 2 per 9 weeks
- Minor Grades = 50%  
(daily work, quizzes, labs, etc.)
  - Minimum of 7 per 9 weeks

**Late Work:** Work that is turned in one class rotation late will be accepted for a maximum grade of a 70. Work that is two class rotations late will be accepted for a maximum grade of a 50. Anything after that point will not be accepted. Of course, special circumstances can be arranged in the event of an emergency or event.

**Major Grade Retakes:** Any major grade that scores *below* a 70 can be retaken before school within one week of receiving the grade for a maximum corrected score of a 70.

# Classroom Expectations

**C**OME PROMPT & BE PRODUCTIVE

**H**AVE RESPECT FOR YOURSELF & OTHERS

**S**EE SOMETHING, SAY SOMETHING

# CONSEQUENCES & DISCIPLINARY ACTIONS

Teacher & Student conference

Conversate with parent/ guardian

Sit down meeting with student & parent/ guardian

Admin meeting

G-A-M-E

T-I-M-E

## ADJECTIVE NAME GAME

COME UP WITH A WORD THAT DESCRIBES YOU THAT STARTS WITH THE SAME LETTER AS YOUR FIRST NAME... EX: I'M, BUBBLY BECTON



# TODAY'S ASSIGNMENT

Make a photo collage of your Vision Board!

**Be \*CrEaTiVe\***