



# RUBELAINE M. BARO

## Professional Science Teacher

Experienced high school science teacher with a professional license, boasting 5 years of expertise in curriculum development, instructional material creation, and teaching scientific concepts.

### WORK EXPERIENCE

#### High School Science Teacher Bohol Wisdom School

May 2019 – May 2024

- Class adviser for 5 years
- Handled science areas in Grades 8, 10, and 12.
- Developed instructional materials using various software and application, such as Canva and MS PowerPoint.
- Equipped knowledge and skills in MS Office Application.
- Adapted to online teaching using Google Meet, Zoom, and MS Teams.
- Able to manage online & physical classrooms, facilitate discussions, and maintain student engagement through interactive techniques.
- Skilled in designing and planning interactive and engaging science lessons to enhance learning experiences such as virtual simulations using Phet Colorado, Virtual Labs, and etc.
- Utilized systematic grading system using MS Excel in recording, analyzing students' academic performance, and tracking students' academic progress.
- Proficient in communication using English language.
- Coached and handled research projects such as Science Investigatory Projects for 3 years.
- Strong professional relationships with students and parents.
- Science club moderator for 2 years (2022-2024)

#### College Instructor Bohol Wisdom School

May 2019 – May 2024

- Handled college courses such as: Astronomy, Microbiology, and Technology for Teaching Science.
- Developed and implemented comprehensive curriculum ensuring alignment with educational standards and objectives.
- Developed teacher-made module for blended learning.
- Utilized innovative teaching methods and instructional materials to engage students actively.

### MASTERAL STUDIES

#### Master of Arts in Education major in Science Education Cebu Normal University

September 2022 to Present

- Created module/learning guide in Advanced Chemistry with Certificate of Copyright Registration
- Completed research outputs in IMRAD format.
  - *Meta-Analysis of Microplastic Distribution Vis-à-vis Respiratory Diseases Towards Policy Redirection*
  - *Routinary Activities and Time Allocations of Fiddler Crabs during Low Tide: A Comparative Study*
  - *Community-Based Mangrove Rehabilitation Education (CMRE) in Brgy. Tindog, Medellin, Cebu: Analysis of Knowledge, Attitude, and Practices towards Preservation*
  - *Enhancing High School Science Education through Experiential Learning: A Study on Integrating Hands-on Activities and Experiments*
  - *A Conceptual Article on Enhancing Motivation and Specialization in Science Subjects among College Education Students: The F.I.R.S.T Strategy Model in Teaching Science Concepts*
- Submitted portfolios on environmental & training programs.
  - *When Seconds Matter: First Aid Training & Basic Fire Fighting*
  - *Mangroves: Guardians of Coastal Biodiversity in Medellin, Cebu*
- Participated in projects, seminars, & trainings that promote social responsibility.
- Proficient in designing and conducting research projects.
- Write detailed and structured research papers.
- Develop educational content such as learning module & learning guide.
- Developed and executed educational programs aimed at improving community knowledge and practices regarding environmental conservation.

### CONTACT

Purok 5, Poblacion, Corella, Bohol  
+639097728921  
[rubelainebaro23@gmail.com](mailto:rubelainebaro23@gmail.com)  
<https://sites.google.com/view/sci-teacherrubelaine>

### SKILLS

#### Hard Skills:

- Research & Analytical skills
- Organizational skills
- Advanced typing skills
- Mastered virtual communication tools
- Tech-savvy

#### Soft Skills:

- Interpersonal skills
- Communication skill
- Positive work ethics
- Strong dedication to work
- Adaptable in VUCA world
- Collaborative

### EDUCATION

#### Masters in Arts of Secondary Education major in Science Education

Cebu Normal University  
Cebu, Philippines  
September 2022 to present

#### Bachelor of Secondary Education major in Biological Science

Magna Cum Laude  
Bohol Wisdom School  
Bohol, Philippines  
June 2015 to April 2019

### LANGUAGE

English (Advanced)  
Tagalog (Advanced)  
Bisaya (Advanced)