

Mah-ree-kon Cruz

Maricon Cruz
(she/her)

Senior High School Teacher & ICT Coordinator
Quezon City Science High School

Department of Education - Division of Quezon City



I am a Senior High School teacher at Quezon City Science High School, where I teach Computer Science and Robotics. I also serve as the school's ICT Coordinator, helping integrate technology into our curriculum despite limited resources. Growing up in Tondo, Manila, I learned that a good teacher doesn't need a smartboard—just creativity, patience, and genuine care for her students. I now train public school teachers across Metro Manila on basic programming and classroom technology management.

Download Résumé

Experience

Senior High School Teacher & ICT Coordinator

August 2021 – Present

Quezon City Science High School

Responsibilities include:

- Teaching Grade 11-12 Computer Science (Python, HTML/CSS, basic Java)
- Teaching Robotics using Arduino and recycled materials
- Managing the school's 4 computer laboratories (150 units, mostly refurbished)
- Training 40+ faculty members on Google Classroom and basic troubleshooting
- Organizing the annual Division Schools Press Conference – Tech Writing category
- Coaching students for DepEd Tech-Voc competitions and Division Science Fair

Junior High School Computer Teacher

June 2016 – June 2021

Batasan Hills National High School

Responsibilities include:

- Taught Grade 7-10 Computer Science and TLE-ICT (Computer Systems Servicing)
- Handled 6 sections per day, 45-50 students per class
- Developed offline learning modules during the COVID-19 pandemic
- Assisted in the school's Brigada Eskwela technical repairs
- Adviser of the school's Computer Club and Robotics team (placed 3rd in QC Division Robotics tilt 2019)

Student Teacher (Practice Teaching)

June 2014 – March 2015

UP Integrated School

Responsibilities include:

- Assisted lead teacher in Grade 9 Math and Computer classes
- Created 20 lesson plans and learning materials
- Conducted action research on "Using local games to teach mathematical concepts"

Education

MA in Educational Technology

June 2019 – April 2021

Philippine Normal University

Thesis on *Teaching coding in low-internet public school environments*. Supervised by **Dr. Leticia A. Magturo**. Research focused on offline coding tools and printed activity sheets for computer science education in rural 菲律宾 schools.

Read Thesis →

Bachelor of Secondary Education major in Mathematics

June 2011 – April 2015

University of the Philippines Diliman - College of Education

Cum Laude. GPA: 1.5/1.0 (UP grading scale)

Courses included:

- Principles of Teaching
- Educational Technology 1 & 2
- Curriculum Development
- Assessment of Student Learning
- Basic Programming for Educators
- Campus Journalism

Science, Technology, and Engineering (STE) Program - High School

June 2007 – March 2011

Philippine Science High School - Main Campus

Graduated with honors. Specialized in advanced math and science. First in my family to attend Pisay.

Skills & Hobbies

Teaching Skills

LESSON PLANNING & CURRICULUM DESIGN

CLASSROOM MANAGEMENT

DIFFERENTIATED INSTRUCTION

EDUCATIONAL TECHNOLOGY INTEGRATION

Technical Skills

PYTHON (BEGINNER)

HTML/CSS

ARDUINO PROGRAMMING

COMPUTER HARDWARE REPAIR

GOOGLE WORKSPACE FOR EDUCATION

Hobbies & Personal

READING FILIPINO SPECULATIVE FICTION

BADMINTON (SUNDAY LEAGUE PLAYER)

BULLET JOURNALING FOR LESSON PLANS

VOLUNTEER TUTOR AT A LOCAL COMMUNITY CENTER

Awards



Most Outstanding Teacher - Division of Quezon City

Department of Education - Quezon City Division · March 2024

Recognized for innovative use of low-cost technology in teaching computer science. Honored during the annual QC Division Teachers' Day celebration.



Division Schools Press Conference - Best School Paper Adviser

Department of Education - Quezon City Division · November 2023

Advised "The Quantum Post" (school paper) to 2nd place in Best Newsletter category. Received Best Adviser award for the Science & Technology section.



DepEd Cotabato City - Division Training on ICT Integration

Department of Education - Cotabato City Division · January 2023

Served as resource speaker for "Teaching Computer Science with Limited Internet: Strategies for Public School Teachers." Trained 60 teachers from 15 schools.



Google Certified Educator Level 1

Google for Education · August 2022

Certified in Google Workspace for Education tools including Google Classroom, Drive, Docs, Sheets, Slides, and Forms. Completed 12 hours of training.



Basic Arduino Robotics for Teachers

STI College - Academic Training Program · May 2019

Completed 5-day workshop on teaching robotics using Arduino Uno and basic sensors. Sponsored by the Division of Quezon City.



Certificate in Professional Teaching

Professional Regulation Commission (PRC) · September 2015

Licensure Examination for Teachers (LET) - Secondary Level. Passed with 86% rating. PRC License No. 1234567.

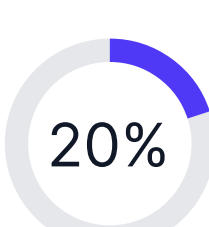
Languages



Filipino (Tagalog)



English



Basic Mandarin