



Anyone can Learn Math Series
Learn Math Through Writing – EDUO 9524
Two Units – 30 hours
Instructor - Ryan Pickett

Welcome to **EDU 9524 Learn Math Through Writing**. This class was created by Dominican University of California in conjunction with Educational Development and Services as part of a four course series entitled **ANYONE CAN LEARN MATH**. The other three courses in the series are:

- **EDU 9521 Stress Free Math**
- **EDU 9522 Math Made Easy**
- **EDU 9523 Learning Math in Groups**

This series is designed to help teachers develop the tools needed to make math accessible to all students. There are many students that learn best while utilizing language. Writing is an integral part of utilizing language and infusing writing into your math curriculum will help all students truly learn the concepts. It should also be noted that writing across the curriculum is an important aspect of the Common Core State Standards. The content learned in Learn Math Through Writing will help teachers integrate writing into their math curriculum. Doing so will help move their curriculum more inline with the new standards as well as significantly improve student learning. By meeting the requirements of this class, participating teachers will earn two semester units of graduate level extension credit from the Dominican University of California, a fully accredited university.

Although Math Made Easy is **NOT** a prerequisite for the other three courses, it does provide a foundation for them. Math Made Easy, Learning Math in Groups, and Stress Free Math all require the same book entitled Math for Humans by Mark Wahl. The fourth class, Learning Math through Writing, requires a different book entitled Writing in Math Class by Marilyn Burns. These books are available for purchase at www.Amazon.com or on Mark Wahl's website or PBS.org.

OBJECTIVES

After completing the course, Learn Math Through Writing, you will demonstrate or indicate:

- A. The benefits to both students and teachers of having students write about their previous math experiences.
- B. How writing can assist math instruction by helping children make sense of mathematics

and by helping teachers understand what children are learning.

- C. Knowledge of many types of writing assignments that can be incorporated into the math curriculum.
- D. How to introduce and implement writing into your math curriculum.

GRADING RUBRIC

Exemplary: A+ to A-	Acceptable: B+ to B-	Unacceptable: Must be resubmitted
Reflective, thoughtful ideas relevant to the assignment are clearly stated	Presents some relevant ideas and connections to the assignment	Ideas are not clear or relevant
Very well organized	Generally well organized	Shows little or no organization
Responses relate numerous facts and specific details of the program materials	Some facts and specific details of the program materials are included	Few or no facts or specific details of the program materials are included
Free of spelling and/or grammatical errors	Writing contains a few spelling and/or grammatical errors	Numerous spelling and/or grammatical errors make the writing difficult to read

ASSIGNMENTS

1. **Math Autobiography**
2. **Proposal**
3. **Writing Assignments**
4. **Implementation**
5. **Accessibility**

Instructions for coursework submission:

When you have completed your assignments, post all coursework at one time in the Completed Coursework DropBox at the bottom of the course page. You are allowed 9 months to complete the course. If you have questions about the course, you can reach your instructor by email.

Ryan Pickett rpickett@dominicancaonline.com

For questions involving your registration, contact us at info@dominicanCAonline.com or see <http://dominicancaonline.com/Dominican-CA-Online-FAQ> for more information.