

WELCOME!

IB MATH: APPLICATIONS & INTERPRETATION SL

BACK-TO-SCHOOL NIGHT AGENDA

- WELCOME AND INTRODUCTION
- ABOUT THIS COURSE
- BELIEFS ABOUT TEACHING AND LEARNING
- NUTS & BOLTS RE: MATH A & I
- Q & A

WELCOME AND INTRODUCTION

WHO AM I? - KAREN LAW, MATH TEACHER & IB DP COORDINATOR

WHERE DID I COME FROM? - NATIVE OF TEXAS, CA RESIDENT FOR OVER 30 YEARS

EDUCATIONAL BACKGROUND: MATHEMATICS, COMPUTER SCIENCE, EDUCATION

TENURE AT BLAIR: CELEBRATING THE START OF MY 20TH YEAR

FAMILY: HUSBAND AND 3 CHILDREN, ALL OF WHOM ARE PRODUCTS OF PUSD

FAVORITE HOBBIES: READING, COOKING, PLAYING PIANO & SINGING

FAVORITE MOVIE: THE INCREDIBLES

BELIEFS ABOUT TEACHING AND LEARNING

I BELIEVE I SHOULD:

- FOCUS STUDENTS' ATTENTION ON THE LEARNING V. "THE WORK"
- TEACH FOR UNDERSTANDING V. KNOWLEDGE
- ENCOURAGE DEEP V. SURFACE LEARNING STRATEGIES
- PROMOTE INDEPENDENCE V. DEPENDENCE
- DEVELOP A GROWTH V. FIXED MINDSET

ABOUT THIS COURSE

Nuts & Bolts of IB
Math:Applications and
Interpretation SL

- CREATED TO RESPOND TO THE INCREASED ROLE OF MATH AND TECHNOLOGY IN A VARIETY OF FIELDS
 - EMPHASIZES MATH IN CONTEXT
 - USE OF TECHNOLOGY TO EXPLORE MATH
 - USES PRACTICAL PROBLEMS TO DEVELOP MATHEMATICAL THINKING
 - PROMOTES ETHICAL CONDUCT AND ACADEMIC HONESTY
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ABOUT THIS COURSE

Nuts & Bolts of IB
Math:Applications and
Interpretation SL

- CURRICULUM DIVIDED INTO 5 MAJOR TOPICS
 - NUMBER AND ALGEBRA
 - FUNCTIONS
 - GEOMETRY AND TRIGONOMETRY
 - PROBABILITY AND STATISTICS
 - CALCULUS
- 12 FOUNDATIONAL CONCEPTS EMPHASIZED THROUGH THE 5 TOPICS
- STUDENTS ARE ASSESSED BOTH EXTERNALLY AND INTERNALLY
 - EXTERNAL ASSESSMENTS (WRITTEN EXAMS) MAY 2021/22
 - INTERNAL ASSESSMENT: MATHEMATICAL EXPLORATION

CONTACT INFORMATION

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QUESTIONS?