

SCOT RICHARD ACRE

E-MAIL: sacre@wskids.net

HIGH SCHOOL MATHEMATICS TEACHER

"The whole art of teaching is only the art of awakening the natural curiosity of young minds for the purpose of satisfying it afterwards" – ANATOLE FRANCE

OBJECTIVE: WORK AS A FLEXIBLE AND ORGANIZED EDUCATIONAL PROFESSIONAL WHO QUICKLY DEVELOPS AN EXCELLENT RAPPORT WITH STUDENTS, STAFF, AND PARENTS. CONTINUE DESIGNING CREATIVE LESSONS THAT ARE INTEGRATED WITH TECHNOLOGY AND INVOLVE EACH STUDENT. PROVIDE INDIVIDUALIZED SUPPORT FOR STRUGGLING STUDENTS. FOSTER A SAFE AND FUN CLASSROOM ENVIRONMENT. GIVE IMMEDIATE FEEDBACK ON STUDENT PERFORMANCE. AID IN STUDENT ACHIEVEMENT BY ANY MEANS NECESSARY.

E D U C A T I O N

Wayne State University

BACHELOR OF SCIENCE IN SECONDARY EDUCATION. MAJOR IN MATHEMATICS (EX) AND MINOR IN GROUP SCIENCE (DX) WITH AN EMPAHSIS IN BIOLOGY. EXEMPLARY SCORES ON HIGHLY QUALIFIED TEST FOR CERTIFICATION IN MAJOR AND MINOR. GPA: 3.44

Michigan State University

FINISHED FIRST SEGMENT FOR THE MASTER OF ARTS EDUCATIONAL TECHNOLOGY (MAET) PROGRAM. PROGRAM DRAWS ON CURRENT THEORIES OF LEARNING AND DEVELOPMENT TO UNDERSTAND THE ROLE OF TECHNOLOGY IN LEARNING AND INSTRUCTION.

A R E A S O F E X P E R T I S E

CREATIVE LESSON PLANNING – TECHNOLOGY INTEGRATION – CREATIVE QUESTIONING
BRAIN BASED TEACHING – MULTIPLE INTELLIGENCES – CLASSROOM MANAGEMENT
WRITING IN A MATHEMATICS CLASSROOM - STUDENT MOTIVATION - PARENTAL SUPPORT
GRAPHING CALCULATORS – RUBRICS – TEAM APPROACH TO TEACHING - STUDY SKILLS
CREATING THEMATIC UNITS - DYNAMIC FORMATIVE ASSESSMENTS – CRITICAL THINKING

P R O F E S S I O N A L D E V E L O P M E N T

TI NAVIGATOR & GRAPHING CALCULATORS

PROMETHEAN INTERACTIVE WHITEBOARD & ACTIVE VOTE

READING APPRENTICESHIP

WRITING IN A MATHEMATICS CLASSROOM

P R O F E S S I O N A L E X P E R I E N C E

Macomb Mathematics Science Technology Center MATHEMATICS/SCIENCE TEACHER

2009-present

SUBJECTS: GEOMETRY WITH ALGEBRA TRANSFORMATIONS, AP CALCULUS. PROMOTED TO THIS MAGNET SCHOOL WITHIN OUR SCHOOL DISTRICT IN JANUARY 2009. WORK IN A HIGHLY COLLABORATIVE ENVIRONMENT, WITH AN EMPHASIS ON RESEARCH. MMSTC IS A GIFTED AND TALENTED PROGRAM THAT PULLS FROM ELEVEN DIFFERENT HIGH SCHOOL IN THE COUNTY. PROGRAM IS TECHNOLOGY RICH: CLASSROOM COMPUTERS, TI NSPIRES, INTERACTIVE WHITE BOARDS, ETC... WEA BUILDING REPRESENTATIVE.

Cousino High School – Warren MATHEMATICS/SCIENCE TEACHER

2005-2009

SUBJECTS TAUGHT: TRIG/STAT/GEO, INVESTIGATIVE STATISTICS, ALGEBRA 2, GEOMETRY, ALGEBRA 1, ALGEBRA BLOCK, FOUNDATIONS OF ALGEBRA, ALGEBRA SUPPORT, EARTH SCIENCE, AND PHYSICAL SCIENCE. LARGELY RESPONSIBLE FOR SEVERAL INTERVENTIONS IN ALGEBRA. AIDED IN START/DEVELOPMENT OF INVESTIGATIVE STATISTICS. PRINCIPAL ADVISORY COMMITTEE MEMBER. WEA BUILDING REPRESENTATIVE.

Clarenceville High School – Livonia MATHEMATICS STUDENT TEACHER

2003- 2005

SUBJECTS TAUGHT: PRE-CALCULUS, ALGEBRA 2, ALGEBRA 1, PRE-ALGEBRA. HEAVILY INVOLVED IN NCA AS A COMMITTEE CHAIR. FRESHMAN CLASS ADVISOR. HEAD COACH: GIRLS VARSITY TENNIS AND TRACK.

International Academy – Bloomfield Hills MATHEMATICS STUDENT TEACHER AND LONG TERM SUBSTITUTE

2002-2003

SUBJECTS TAUGHT: MATH 2, MATH 3, JUNIOR YEAR SL, SENIOR YEAR METHODS. INVOLVED WITH EVERY ASPECT OF TEACHING INTEGRATED MATHEMATICS FOR THE INTERNATIONAL BACCALAUREATE PROGRAM. HIRED ON AS A LONG TERM SUBSTITUTE TEACHER. PREPARED STUDENTS FOR IB EXAMS IN METHODS. FACILITATED SPRING BREAK DISSECTION PROJECT. NATIONAL HIGH SCHOOL OF THE YEAR (NEWSWEEK MAGAZINE).

R E L A T E D W O R K E X P E R I E N C E

ATTEND CONFERENCES ON A YEARLY BASIS: T³, MCTM, DACTM, ETC...
DACTM SPEAKER FOR TWO YEARS.

GRANT APPROVAL FOR TWO PIECES OF TECHNOLOGY:
GEOMETER'S SKETCH PAD & TI NAVIGATOR.

P R O F E S S I O N A L M E M B E R S H I P S

MICHIGAN COUNCIL FOR TEACHERS OF MATHEMATICS. (MCTM)

DETROIT AREA COUNCILS FOR TEACHERS OF MATHEMATICS, BOARD MEMBER. (DACTM)

UNITED STATES PROFESSIONAL TENNIS ASSOCIATION RATED AS A P-1. (USPTA)

R E F E R E N C E S

EXCELLENT REFERENCES AVAILABLE UPON REQUEST
