

Warren County School District
PLANNED INSTRUCTION

COURSE DESCRIPTION

Course Title: SAT Math

Course Number: 00295

Course Prerequisites: _____

Course Description: (Include “no final exam” or “final exam required”)

SAT Math is a math elective credit. It is designed to give students practice in types of Algebra, Geometry, Data Analysis, and Problem Solving problems that would be found on the Scholastic Aptitude Test (SAT). Test taking strategies and problem solving skills will be emphasized. Use of scientific calculators will be developed. It is expected that students will have developed a knowledge base in mathematics before taking this course. Final Exam Required.

Suggested Grade Level: Grades 10-12

Length of Course: X One Semester Two Semesters Other (Describe)

Units of Credit: 0.5 (Insert **NONE** if appropriate.)

PDE Certification and Staffing Policies and Guidelines (CSPG) Required Teacher Certification(s) (Insert certificate title and CSPG#) Mathematics 50

Certification verified by WCSD Human Resources Department:

 X Yes No

Board Approved Textbooks, Software, Materials:

Title:

Publisher:

ISBN #:

Copyright Date:

Date of WCSD Board Approval:

BOARD APPROVAL:

Date Written: January 22, 2015

Date Approved:_____

Implementation Year: 2015-1016

SPECIAL EDUCATION AND GIFTED REQUIREMENTS

The teacher shall make appropriate modifications to instruction and assessment based on a student's Individual Education Plan (IEP) or Gifted Individual Education Plan (GIEP).

COURSE CONTENT

Problem Solving and Data Analysis
Algebra
Introduction to Advanced Math Topics

SPECIFIC EDUCATIONAL STANDARDS, ESSENTIAL QUESTIONS, CONTENT, & SKILLS

See curriculum map in Performance Plus.

ASSESSMENTS

Suggested Formative Assessments: The teacher will develop and use standards-based assessments throughout the course.

- Pre-Assessments of prior knowledge (e.g. entrance cards or KWL chart)
- Bell ringers/Problems of the Day(PODs)
- Discussions
- Teacher observation/Questioning
- Graphic organizers (e.g. Venn diagrams, word mapping, webbing, KWL chart, etc.)
- Summarizing
- Retelling
- Notetaking
- Problem-based learning modules
- Authentic assessment
- Outlining
- Classroom Performance System (CPS)

Suggested Summative Assessments:

- Quizzes/tests
- Student presentations

District Approved Assessment Instruments

- Any district approved assessment instrument

Portfolio Assessment: _____ Yes X No

District-wide Final Examination Required: X Yes _____ No

Course Challenge Assessment (**Describe**): Course challenge assessment will be based on activities and exams that measure student proficiency as the course standards at 84%.

WRITING TEAM: Warren County School District Teachers

WCSD STUDENT DATA SYSTEM INFORMATION

1. Is there a required final examination? X Yes _____ No
2. Does this course issue a mark/grade for the report card?
 X Yes _____ No
3. Does this course issue a Pass/Fail mark? _____ Yes X No
4. Is the course mark/grade part of the GPA calculation?
 X Yes _____ No
5. Is the course eligible for Honor Roll calculation? X Yes _____ No
6. What is the academic weight of the course?
 _____ No weight/Non credit X Standard weight
 _____ Enhanced weight (Describe)