

DOBBS FERRY MIDDLE SCHOOL

Dobbs Ferry, New York 10522

COURSE OUTLINE

SUBJECT: AIS Mathematics

GRADE: 7

COURSE DESCRIPTION:

AIS targets the math concepts that cause student difficulty by addressing the root causes of these misconceptions. The focus in AIS is on understanding the concept, not merely answering the question.

Academic Intervention Services (AIS) are designed to help students achieve the learning standards in English Language Arts and Mathematics in grades K – 12. Once achieved, students will exit the AIS Mathematics course. Learning and assessments are facilitated by the SuccessMaker program which is individualized to target specific learning goals and conceptual understandings for each student.

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Identification for participation in Mathematics AIS:

- Level 1 or 2 on New York State Exam
- Teacher recommendation
- Class performance
- Individually administered diagnostic test

ANTICIPATED OUTCOMES:

By June of this year, students in this class will address the following:

Decimals and Powers of Ten

Rational numbers

Positive and Negative numbers

Percents

Expressions and Equations

Math vocabulary

Operations and Word Problems

CRITERIA FOR ASSESSMENT:

Students will not receive a grade in this course; however, Progress Report comments will be used to show strengths and weaknesses.

Outline developed by:

Mathematics Department

Date: Spring 2026