

**DOBBS FERRY MIDDLE SCHOOL**  
Dobbs Ferry, New York 10522

**COURSE OUTLINE**

**SUBJECT:** AIS Mathematics

**GRADE:** 8

**COURSE DESCRIPTION:**

AIS targets the math concepts that cause student difficulty by addressing the root causes of these misconceptions. AIS focus 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 and enter the 8th Grade Mathematics course.

This extra help is made available through focused instruction and increased instructional time.

Identification for participation in Mathematics AIS:

- Level 1 or 2 on New York State Exam
- Teacher recommendation
- Class performance
- Individually administered diagnostic through the SuccessMaker program

**ANTICIPATED OUTCOMES:**

*By June of this year, students in this class will be able to do the following:*

Master Positive and Negative Numbers

Master Inequalities

Master Expressions and Equations (Part 2 )

Master math vocabulary taught in each module

Master 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 2023*