

# Bridge to Algebra Course Syllabus

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## **Textbook(s):**

Algebra I, McDougal Littell  
Online Supplement: [www.classzone.com](http://www.classzone.com)

## **Course Description:**

In this course, students take a broader look at computational and problem-solving skills while learning the language of algebra. Students translate word phrases and sentences into mathematical expressions; analyze geometric figures; solve problems involving percentages, ratios, and proportions; graph different kinds of equations and inequalities; calculate statistical measures and probabilities; apply the Pythagorean theorem; and explain strategies for solving real-world problems.

## **Course Objectives/ Competencies:**

- Students will apply Pre-Algebra and Algebra skills to real world problems and word problems.
- Students will increase their knowledge and ability to utilize expressions and equations.
- Students will acquire new vocabulary in relevant contexts.
- Students will take the skills they acquire and use them across their curriculum areas to better mathematical skills in other subject areas.
- Student will enrich their organizational skills.
- Students will increase their knowledge and ability to work with functions.

## **Required Materials:**

- A calculator
- A pencil with an eraser
- A spiral notebook
- A pen or highlighter for grading (not blue or black)

## **Grading System:**

Grades will be calculated based on student's performance in the following areas:

- Bell Work
- Class work
- Homework
- Quizzes
- Tests
- Final Exam (one per semester)
- Writing Assignments
- Notebook Checks/Notes Checks
- Labs/Projects

**Grade Scale:**

The following grading scale will be applied:

90 – 100% = A

89 – 80% = B

70 – 79% = C

60 – 69% = D

59% and below = F

**Assignment Requirements:**

- Late work is accepted with a 10% reduction in points, up to 50% reduction.
- Late work is accepted up to two weeks past assignment due date, with subsequent reduction of points.
- Assignments must be headed with first and last name, class period, date and assignment. A 10% reduction of points will be applied if heading is not completed.
- Each student will work daily in class. If class work is not completed, it will be assigned as homework.

**Classroom Computers:**

- Students may use the classroom computers after a computer agreement has been signed and filed.
- Students may do research online and type assignments.
- Computers may be used as a reward after assignments are completed with teacher approval.

**Movies:**

- Occasionally, a movie may be shown if the content is tied to the curriculum or as a reward.
- Movies will have a 'G' or 'PG' rating only.

**Classroom Management Plan:****• NO ONE HAS THE RIGHT TO INTERFERE WITH THE LEARNING, SAFETY, OR WELL-BEING OF SELF OR OTHERS.**

- Students are expected to follow all school rules, policies and procedures. This includes attendance, tardy policies and use of electronics.
- Students are expected to be on time and prepared.
- Students are to respect themselves, others, and property at all times.
- Students are expected to listen the first time instructions are given.
- Students are expected to keep their hands, feet, and other objects to themselves.

**If a student chooses to break a rule:**

Based upon the severity and/or repetition of the offense the following consequences will be utilized:

- Teacher/Student conference
- Removal from group, seat, and or class.
- Teacher/Parent phone call
- Referral

**Tutoring/Re-teaching:**

- It is the student's responsibility to make arrangements with Mrs. Robinson for any extra assistance before school, after school, and/or during Achievement Hour.

**Absences:**

- It is the student's responsibility to ask Mrs Robinson for work missed.
- It is of vital importance for students to have regular attendance.
- No makeup work is allowed for unexcused absences.

**Restroom/Hall Passes:**

- The restroom should be used during the breaks.

**Guest Teachers:**

- In the event that I am absent, the utmost courtesy, respect, and cooperation are required.
- Students who choose to behave inappropriately will face severe consequences.
- Should there be any substitute complaints about an individual student; a referral for that student will be written for defiance of authority upon my return.

**Extra credit:**

- Extra credit may be made available when announced. However, extra credit is **NOT** given to students to improve grades as a result of failure to turn in work.

## Parent/Guardian & Student Signature Page

I have read and understand the expectations, content, and policies for this course.

I also give consent for my child to see a G or PG movie in the classroom as it directly aligns with the Math curriculum or as a reward movie on a quarterly basis if appropriate.

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Student Signature

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Date

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Parent/Guardian Signature

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Date

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Parent/Guardian Email Address

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Home Phone Number

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Parent/Guardian Cell or Work Number #1

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Parent/Guardian Cell or Work Number #2