

# Pre-Algebra Syllabus

Teacher: Mr. Hogberg, Math Teacher

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Room: 204

Phone: 676-3101 x204

Text: McDougal Littell Pre-Algebra

Website: <http://www.isle.k12.mn.us/highschool/hogberg/jhogberg.htm>

## Expectations

1. Show respect toward all students and teachers.
2. Bring to class: book, homework, notebook, pencils/pens, calculator, paper, etc.
3. Leave in your lockers: mp3 players, cell phones, hats, food, drinks, gum, etc.
4. When the bell rings, be in your seat and stay on task until the end of class.
5. Stay neat: throw trash away, put desks back if moved, put classroom materials away.
6. No horseplay, pushing, shoving, bad language, inappropriate talk, etc.
7. Ask for help when you need it.
8. Keep a positive attitude.

## Items Not Allowed In Class

Any item under #3 in expectations will be thrown away or confiscated. Mp3 players and cell phones are not allowed in the room, even if they are turned off or in pockets. These items will be turned in to the office and can be picked up at the end of the day.

## Detentions

Students who do not follow expectations will be given a 15 minute detention after school in Mr. Hogberg's room. Students must serve the detention by the next day. If arrangements cannot be made, please inform Mr. Hogberg as soon as possible so detention can be rescheduled. If you are absent, the detention must be made up the next available day. If a detention is not served, a referral and a one-hour detention in STP will be given.

## Grading

<i>Grades</i>	<i>Percentages</i>			
40% Tests and Quizzes	>100	A+	73 – 76	C
30% Assignments	94 – 100	A	70 – 72	C-
30% Projects and Activities	90 – 93	A-	67 – 69	D+
	87 – 89	B+	63 – 66	D
	83 – 86	B	60 – 62	D-
	80 – 82	B-	<60	F
	77 – 79	C+		

## Tests and Quizzes

A test will be given after each chapter/unit. Use assignments, quizzes, classmates, teachers, and other resources to prepare for the tests. You may retake a test once if you are not happy with the score on your first test. You are responsible for rescheduling the test. A retake deadline will be

set after each chapter and posted in the classroom. The higher test score will be entered into the grade book as the final score. Quizzes can be given at any time. Be prepared! If you miss a quiz for an excused reason, you will not need to make up the quiz.

### **Projects and Activities**

You will be given projects or activities that are done either in class or out of class. These projects may include but are not limited to: book projects, graphing calculator activities, research papers, discovery activities, group projects, etc.

### **Assignments**

For this grade you will receive a score of 5, 4, 3, or 0 per assignment. The grade is based on completion, overall score, and work shown (see rubric below). The average score will be given for the final assignment grade. Assignments are due the next day unless otherwise specified. Any late assignment will be given half credit (see Late Work).

	<b>5</b>	<b>4</b>	<b>3</b>	<b>0</b>
Completion	100%	90%	75%	Less than 75%
Overall Score	80% or greater	70-79%	60-69%	Less than 60%
Work Shown	Shown on 100%	Shown on 75%	Shown on 50%	Shown on less than 50%

### **Assignment Heading**

All assignments must have the following heading on the top of the paper:

- Name
- Class/Period
- Assignment/Section Number
- Date Assigned

### **Notes**

Taking notes is an important skill that is required for this class. All notes will be taken in either a notetaking guide given by the teacher or a notebook that you will need to provide. Notes will be checked after each unit and will be a part of the assignment grade.

### **Absent Work**

If you are absent, you have **two** days to turn the assignment in before it is considered late. You must have your name, period, section number, assignment, and date assigned written on the paper. Please also indicate your absence by writing “absent” at the top of the assignment. Turn this in to the box labeled with your period number, NOT the late work box.

### **Late Work**

Late work will receive half credit according to the assignment rubric and will be marked in the grade book with an “LI”. Late work can be turned in up to 2 weeks after its due date. After this time, the assignment will receive a score of “0”. Please turn in late work to the late work basket only. Late work must have your name, period, section number, assignment, and date assigned written on the paper or it will not be accepted.

### **Late Work Homeroom**

Students who are missing assignments will be asked to report to homeroom in Mr. Hogberg’s room on Wednesday and Thursday until all late work is finished. Students with missing work will be posted weekly.

### **Incomplete Requests**

A student who wishes to request an incomplete at the end of the trimester must sign a request with Mr. Hogberg. In order to request an incomplete the student must:

1. Have a grade of “F” at the end of the trimester
2. Have missing assignments or tests
3. Request at least two days before the end of the trimester

A limit of two weeks will be given to complete any missing assignment and test from the previous trimester. After this time, a final grade will be submitted with assignments receiving half credit as indicated in the late work policy. Any assignment not turned in will be entered as a “0”.

Students requesting an incomplete at the end of the third trimester must have all materials and assignments turned in two weeks after the last day of school. All tests must be finished before the end of the third trimester unless the test is designated as “take-home.”

### **Lesson Plans/Online Grades/Questions**

General lesson plans will be posted online for your reference. Please contact me if you have any questions or concerns. Grades will be posted as soon as possible after an assignment or test has been completed. Your patience is greatly appreciated. See below for definitions of the online grading symbols. If you or your parents have questions, concerns, or comments for me, feel free to email or call before or after school. Email and phone numbers are given on the first page.

- = The assignment has not been scored and is in process (May show up as missing assignment)
- x = The assignment is excluded, has no affect on grade, and does not need to be made up
- LI = The assignment is late, counts as a zero, and will need to be made up (see Late Work)
- 0 = The assignment received this grade and cannot be made up

## **Technology**

This class is equipped with an interactive white board and a projector. The class also has computers and graphing calculators for you to use that can enhance your learning experience. Please treat all equipment with respect. Using this equipment is essential to the completion of some assignments. The abuse of these privileges will result in not being allowed to use this equipment.

## **Calculators**

A scientific or graphing calculator is required for this class. Please come prepared! Some recommended models include: TI-30XA (\$8-\$10), TI-30XIIS (\$11-\$14), TI-34 Multi-View (\$18-\$22), and TI-84 Plus or TI-84 Plus Silver Edition (\$90-\$105). (TI = Texas Instruments)

## **Course Content and Sequence**

Pre-Algebra provides the foundation in algebra, geometry, and problem solving that is needed for success in more advanced courses. Good study habits and self motivation are important keys to success in this class. It is also important to properly prepare for the MCA tests that are taken each spring. Though these tests can be challenging and intimidating, the proper preparation for these tests will make them much less difficult and will provide a much better chance at being successful. This course will adequately prepare you for these tests as long as you are willing to work hard and do your best.

The following list contains the content and the order in which we will be working through this book. The benchmarks aligned to the Minnesota math standards are noted by number and can be viewed on Mr. Hogberg's website.

### **Chapter 1: Variables, Expressions, and Integers**

**Benchmarks:** 7.1.2.2, 7.1.1.3, 7.1.2.1, 7.1.2.2, 7.1.2.4, 7.1.2.6, 7.2.2.4, 7.2.3.2, 7.2.3.3

### **Chapter 2: Solving Equations**

**Benchmarks:** 7.1.1.2, 7.1.2.2, 7.2.2.4, 7.2.3.1, 7.2.3.3, 7.2.4.1

### **Chapter 3: Multi-Step Equations and Inequalities**

**Benchmarks:** 7.2.2.2, 7.2.2.4, 7.2.4.1

### **Chapter 4: Factors, Fractions, and Exponents**

**Benchmarks:** 7.1.1.2, 7.1.1.5, 7.1.2.1, 7.1.2.4

### **Chapter 5: Rational Numbers and Equations**

**Benchmarks:** 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5, 7.1.2.1, 7.1.2.3, 7.2.2.4, 7.2.3.1, 7.2.3.2, 7.2.4.1

### **Chapter 6: Ratio, Proportion, and Probability**

**Benchmarks:** 7.1.2.5, 7.2.1.1, 7.2.2.1, 7.2.2.2, 7.2.2.4, 7.2.4.2, 7.3.2.1, 7.3.2.2, 7.3.2.3, 7.4.1.1, 7.4.3.1, 7.4.3.2, 7.4.3.3

### **Chapter 7: Percents**

**Benchmarks:** 7.1.1.5, 7.1.2.4, 7.1.2.5, 7.2.2.2, 7.2.2.3, 7.2.2.4, 7.2.4.2

**Chapter 9: Real Numbers and Right Triangles**

**Benchmarks:** 7.1.2.5, 7.2.3.2, 7.2.3.3

**Chapter 10: Measurement, Area, and Volume**

**Benchmarks:** 7.1.1.1, 7.2.3.2, 7.2.4.1, 7.3.1.1, 7.3.1.2

**Chapter 11: Data Analysis and Probability**

**Benchmarks:** 7.4.1.1, 7.4.2.1, 7.4.3.1, 7.4.3.2

**Chapter 13: Angle Relationships and Transformations**

**Benchmarks:** 7.3.2.1, 7.3.2.2, 7.3.2.4

**Chapter 8: Linear Functions**

**Benchmarks:** 7.2.1.5, 7.2.1.1, 7.2.2.1, 7.2.2.4, 7.2.4.2

**Chapter 12: Polynomials and Non-Linear Functions**

**Benchmarks:** 7.1.2.1

Please cut and return the form at the bottom of this page. Do NOT return the main syllabus. This is for parent/guardian and student reference. Please have your parent or guardian check the box that indicates the preferred method of being contacted.

.....Cut here and return the signed form below .....

**I HAVE READ AND UNDERSTAND THE POLICIES OF MR. HOGBERG'S CLASS.**

Student Name (Print) \_\_\_\_\_

Student Signature \_\_\_\_\_

Parent / Guardian Signature \_\_\_\_\_

Parent Phone Number \_\_\_\_\_

Preferred

Parent Email \_\_\_\_\_