

South Knox Syllabus

Algebra 1

1. Course and Grade Level

Grade Level: High School
Course: Algebra 1

2. Course Description

In this mathematics course, you will be provided with content that addresses the Indiana Academic Standards for Algebra. This course will include homework assignments, quizzes, tests, etc.

3. Course Materials and Resources

Textbook: Pearson Algebra 1 Indiana

Supply List

- ✓ 1 Inch 3-Ring Binder
- ✓ 3 Dividers (Assignment Sheets, Notes/Paper, Graded Papers)
- ✓ 1 Texas Instruments TI-30XIIS Calculator (Optional)
 - Write your name on it with a sharpie
- ✓ Notebook Paper (Not Spiral-Bound)
- ✓ Pencils (NO INK PENS ALLOWED!)
- ✓ Two 80-Page or 100-Page Composition Books (Skills Review / Reference)
- ✓ 1 Box of Tissues

4. Course Expectations

- Come to class prepared
 - Binder
 - Pencil
 - Textbook
 - 2 Composition Books
- Complete all homework assignments
- Participate (verbally and/or non-verbally)
- Follow classroom rules

5. Classroom Management Expectations

Classroom Rules

1. No Cell Phones, AirPods, or Smart Watches
2. No Food or Drinks (Except Water)
3. No Hats or Backpacks
4. Be on time
5. Be prepared
6. Do not talk when I'm talking
7. Pay attention
8. Do not disturb others
9. Respect property of others
10. Be kind to others

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6. eLearning

- Google Classroom
- Videos
- Online Textbook

7. Course Evaluation and Assessment Process

Grading Scale

Percentage	Letter
93-100	A
90-92	A-
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
63-66	D
60-62	D-
0-59	F

Your grade is determined by using points. The total amount of points earned is divided by the total amount of possible points.

8. Website

You can visit my website at <http://www.mrhayden.com/>. On my website, you can find homework assignments, notes, exit tickets, how to contact me, etc.

9. Units

- Unit 1 - Foundations for Algebra
- Unit 2 - Solving Equations
- Unit 3 - Solving Inequalities
- Unit 4 - An Introduction to Functions
- Unit 5 - Linear Functions
- Unit 6 - Systems of Equations and Inequalities
- Unit 7 - Exponents and Exponential Functions
- Unit 7.5 - Transformations
- Unit 8 - Polynomials and Factoring
- Unit 9 - Quadratic Functions and Equations
- Unit 10 - Radical Expressions and Equations