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## About the Instructor:

Hello! My name is now Mrs. Sarah Saddison, previously known as Ms. Sarah Snyder. I grew up in Fruitport, Michigan,



and I am a graduate of Fruitport High School. I decided early in high school that I wanted to be a teacher by the

influence of some wonderful teachers I had, as well as my family. I attended Grand Valley State University, where I received a secondary teaching degree in Mathematics and Health Science. I am currently working on my masters degree through MSU in Educational Technology.



This is my fifth year teaching in Harbor Springs and I am very excited to be here! When I am not at school, I enjoy playing softball, tennis, rollerblading, skiing, volleyball, reading, remodeling, sewing, and teaching. I also enjoy spending time with family and friends. I'm proud to live in Harbor Springs.

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*If I feel unhappy, I do mathematics to become happy. If I am happy, I do mathematics to keep happy.*

-Alfred Renyi

*Mathematics takes us into the region of absolute necessity, to which not only the actual word, but every possible word, must conform.*

-Bertrand Russel



Harbor Springs Public Schools

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HARBOR SPRINGS  
MIDDLE SCHOOL

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MRS. SADDISON



Middle School  
Mathematics & Health

2006-2007

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**Welcome to:  
Algebra, Pre-Algebra, Health 8  
and Healthy Living!**

**Goal:** Math is all around us! It is the goal of my math classes to link real-life situations to math skills so the students can see the importance of mastering fundamental math skills necessary for independent life. My intent is all kids will benefit from learning math and also have fun in the process!



**Classroom Rules:**

- 1) Be respectful of yourself and others.
- 2) Follow directions the first time they are given.
- 3) Come to class prepared and ready to learn.

**Algebra Curriculum**

- Real Numbers
- Solving Linear Equations
- Graphing Relations & Functions
- Analyzing Linear Equations
- Solving Linear Inequalities
- Solving Systems
- Polynomials and Factoring
- Quadratic and Exponential Functions
- Rational Expressions & Equations
- Statistics and Probability
- Preparation for High School Geometry



**Some of the application/projects:**  
Personal budget webquest, 3rd grade Olympics, menu math, car & college loans, investments, and analyzing house/floor plans

**Pre-Algebra Curriculum**

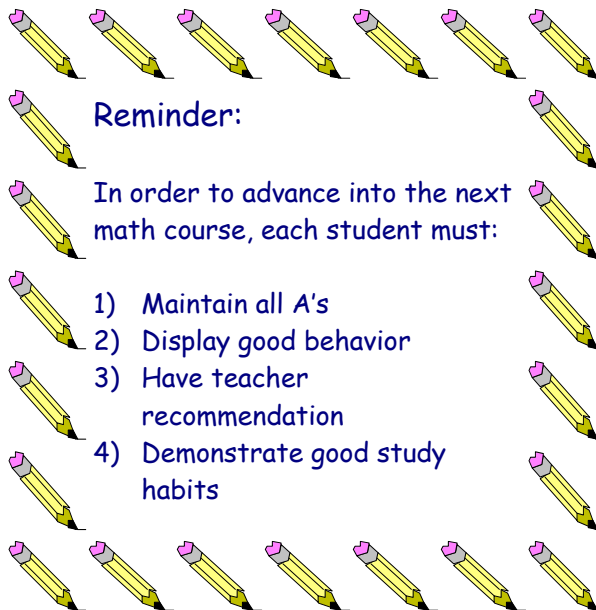
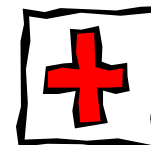
- Integers
- Equations & Inequalities
- Factors & Fractions
- Rational Numbers
- Functions & Graphing
- Ratio, Proportion, & Percent
- Statistics & Probability
- Geometry Connections
- Area & Volume Applications
- Introduction to Trigonometry
- Polynomials & Nonlinear Functions



**Some of the applications/projects:**  
Towers of Hanoi, car loan problem, life-line creations, personal budget webquest, menu math, and investments

**Health 8 Curriculum**

- Concept and role of values in decision making
- Physical changes during puberty
- Emotional changes during adolescence
- Recognizing sexual pressure and ways to say "no"
- Abstinence as the best method for avoiding pregnancy and disease
- Awareness of STD's and HIV/Aids
- Understanding the male and female reproductive systems
- The facts on alcohol and other drugs
- The importance of a healthy lifestyle



**Reminder:**

In order to advance into the next math course, each student must:

- 1) Maintain all A's
- 2) Display good behavior
- 3) Have teacher recommendation
- 4) Demonstrate good study habits