

Mrs. Shelton's 7th & 8th Grade Math Syllabus

Contact Information: Monica Shelton Room #103 Junior High office, 864-5981 mshelton@haskell.esc14.net

Conference: 1st period, 8:14-8:59 **or** 8th period, 2:40-3:30

Class Description:

"The primary focal areas in Grade 7 are number and operations; proportionality; expressions, equations, and relationships; and measurement and data. Students use concepts, algorithms, and properties of rational numbers to explore mathematical relationships and to describe increasingly complex situations. Students use concepts of proportionality to explore, develop, and communicate mathematical relationships, including number, geometry and measurement, and statistics and probability. Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other. Students connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students communicate information about geometric figures or situations by quantifying attributes, generalize procedures from measurement experiences, and use the procedures to solve problems. Students use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. While the use of all types of technology is important, the emphasis on algebra readiness skills necessitates the implementation of graphing technology."

"The primary focal areas in Grade 8 are proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. Students use concepts, algorithms, and properties of real numbers to explore mathematical relationships and to describe increasingly complex situations. Students use concepts of proportionality to explore, develop, and communicate mathematical relationships. Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other. Students connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students begin to develop an understanding of functional relationships. Students use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students communicate information about geometric figures or situations by quantifying attributes, generalize procedures from measurement experiences, and use the procedures to solve problems. Students use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. While the use of all types of technology is important, the emphasis on algebra readiness skills necessitates the implementation of graphing technology."

If you would like to view a more detailed list of the objectives, I have included the link to do that. You may also request a copy.

<http://ritter.tea.state.tx.us/rules/tac/chapter111/ch111b.html>

Class Supply List:

- 3 ring binder with notebook paper (or main binder with a Math section), pencils, red (or colored) pens, and 1 eraser

Rules: In order for our class to run as smoothly as possible, I simply ask all students to be **polite, organized, and punctual (POP)**.

- **Be polite:** This rule includes respect of school/class rules, school/individual property, and respect for yourself and others.
- **Be organized:** You are responsible for coming to class prepared. Do not come in and ask me for materials or disrupt my class by asking others. All materials on your class list are needed in class every day.
- **Be punctual:** In order to make the most out of every class period, you are expected to be in your seat and ready to start class when the bell rings.

Homework:

- Learning Math is a repetitive process so you should expect homework.
- We learn from our mistakes so I expect you to correct your work.

In the event of an absence, you may call the school and pick up your missed assignment or get it from me as soon as you return. You will be responsible for obtaining, and completing, the makeup work within the time allotted. You will have 3 days from the day you return to school to get your work completed.

Late/Missing Assignments

PRACTICE MAKES PERMANENT! To receive the full benefits of this class, turn your work in on time! Late papers do result in 10 point deductions.

Any assignments not turned in will result in an "M", which means missing. A missing grade averages in as a zero. So until that assignment is turned in, it will affect your grade. Please be aware that if you are absent, and the assignment has been graded and entered into the computer, you will see an "M". Don't let this alarm you. The official grade will be changed once the homework is turned in and graded.

Parents: One thing that you will find very useful is the *txConnect* site on the Haskell CISD webpage. I encourage you to use this. You can keep up with your child's grades, absences, and missing work. You can have alerts sent to your phone/email when your child is missing or failing an assignment. If you are not familiar with this tool, feel free to ask me about it!

Haskell University (HU):

Shortly after school starts, HU will begin. This is a great tutorial program. It is Monday-Thursday from 3:45 to 7:45 in the High School Library. A Math teacher is usually there every night. You may choose to go there to get your homework completed, get help from a teacher, or you may be assigned HU for missing assignments, attendance, or extra help. I encourage you to utilize it.

Grading policy:

Students will be assessed in multiple ways, including the following:	Weight of Grade
Tests/Projects	40%
Homework/Daily	25%
Group Work	20%
Quizzes/Participation	15%

*****It is imperative that you show your work on everything you do. It does make a difference. Any work turned in with no work is automatically wrong!**

Last note:

I am predicting a great school year. I am very excited and look forward to getting to know you and watch you burst with knowledge!! Please sign below, ensuring me that you have read the previous information.

Student: _____ Date: _____

Parent/Guardian: _____ Date: _____

Email: _____