7th Grade Math Syllabus

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2016-2017

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**Hello, and welcome to 7th grade math! Included in this syllabus is all of the information you need to know in order to make this year your most successful year of math yet. Please be sure to read over everything so that we can get the year off to a great start. ☺**

**I. Vision & Goals-What will motivate us to succeed every day?**

We use math every day, in almost everything that we do. Math opens doors to opportunities that will help us to be successful. We will work hard to master difficult content that will prepare us for high school, college, and beyond. We will develop healthy habits and behaviors that we will carry with us throughout our entire lives. We will believe that we have the potential to succeed.

**Behavioral Goals:**

* Students will become self-advocates for their education and for their lives.
* Student will understand the importance of math and of having strong math skills.
* Students will be proud of what they are learning and of what they are achieving.
* Students will be excited to be in my classroom and will be engaged throughout the entire lesson.
* Students will believe that they have the potential to succeed.

**Academic Goals:**

* Students will achieve 80% mastery on all assessments.
* Students will approach all higher order thinking problems logically and critically.
* Students will be proficient in math literacy and communication.
* Students will participate actively in inquiry-based learning.
* Students will be organized and prepared every single day.
* Students will be able to complete assignments with partners and individually.

**II. Class Description-What are we going to be learning and how?**

All content will be aligned to the Common Core State Standards. The following math domains encompass the 7th grade standards: the number system **(7.NS)**, expressions and equations **(7.EE)**, ratios and proportional relationships **(7.RP)**, geometry **(7.G)**, and statistics and probability **(7.SP)**. The following is a summary of the curriculum map for the year:

Trimester 1: Trimester 2: Trimester 3:

Integers and Rational Numbers Ratios and Proportions Circles and Angles

Expressions, Equations, and Percents Volume and Surface Area Inequalities Statistics and Probability

**Grading Scale**

A+ = 100

A=99-91

A-=90

B+ = 89

B=88-81

B-=80

C+=79

C=78-71

C-=70

D+=69

D=68-61

D-=60

F=59-0

**Grade Weighting:**

**Collected and graded assignments 90%**

*(tests, quizzes, projects, journals, some HW/classwork)*

**Assignments graded on completion/participation 10%**

*(warmups, most HW/classwork)*

**Total** **100%**

**III. Classroom Management-What’s expected of us?**

**Note:**

**Students may complete *corrections* for any quiz or test on which they received less than 80%. You may earn back half of the points that you missed. The templates are in my room.**

*Guidelines for Success:*

Do you have Panther **PRIDE**?

**Perseverance**-never give up, even when faced with an obstacle

**Respect**-be kind to yourself, your teacher, your classmates, and your classroom

**Integrity**-do what’s right, even when you think nobody is watching

**Dedication**-put forth your best effort at all times

**Excellence**-take pride in yourself and your work

*\*Students who demonstrate PRIDE will receive PAWS tickets to redeem at the school store or for other incentives\** ☺☺☺

*Rules:*

1. **We will come to class on time and with all necessary materials.**
2. **We will use respectful language.**
3. **We will keep all of ourselves to ourselves.**
4. **We will follow all expectations for completing in-class assignments.**

\*These rules must be followed in addition to all rules listed in the student handbook.\*

*Initial teacher corrective responses/actions:*

There are certain rules that when broken need an immediate consequence. For minor rule violations (talking out of turn, out of seat, head down, etc.), I will not assign a consequence immediately, but rather use one or more of the following strategies:

* **proximity**
* **calm verbal reminder**
* **private discussion**
* **positive behavior narration**
* **positive practice (“try again”)**

*Classroom Consequences:*

If a student continues to misbehave after the above responses/actions, the following consequences will be assigned:

**1. Warning (verbal or nonverbal)**

**2. Time out (environment change)**

**3. Time owed (duration will vary based on violation)**

**4. Removal from class and call home**

**IV. Classroom Procedures-How is the class going to run on a daily basis?**

**Entering the Room:**

I will greet students at the door. They should follow our entry procedures, sit down, take out their materials, and write down their homework.

**Tardy to Class:**

Students will follow room entry procedures, but at a level 0. 3 unexcused tardies lead to a detention.

**Attention Signal:**

To get students’ attention, I will say, “I need everybody’s attention in A…R…B…O…R” while putting my hand in the air and using my fingers to count down.

**Noise Levels:**

0-Silence

1-Whisper

2-Soft conversation

3-Presentational

**Missing Materials:**

Students will not be allowed to go their lockers for missing materials. Any student who sits down and realizes he or she does not have basic supplies (paper, writing utensil) should first ask a student near them at a Level 1 in the beginning of class. If the student cannot get a supply from a classmate, they can go to the extra materials section of the classroom where I will have basic supplies (paper, writing utensils, textbooks) for them to use. (Students without their binder or hw will not be allowed to go to their lockers.) Students who constantly forget materials will be addressed, and a plan will be thought of to prevent the frequency of missing materials.

**Classwork & Homework:**

Classwork and homework assignments will always be displayed at the front of the room for the students to see. Classwork and homework will be graded mostly for effort and completion. I will let the students know when assignments will be graded for accuracy. Students will be taught the procedures for turning in classwork and homework.

**Returning from an Absence:**

Work for the week will be stored in a section of the classroom. When students return from an absence, they should come by during Connections to pick up their make-up work. They should get any notes from a classmate and come see me if they need additional help completing the work. The general rule is that students have the same number of days they were absent to complete a missing assignment.

**End of Class:**

Everyday there will be a “1 minute warning” at the end of class. When the 1 minute warning is called, all students should immediately do the following:

Return desks to original position (if applicable)

Organize their materials (papers, binder, trash-but do not throw trash away just yet)

Look at any graded work that was returned

Write down homework in their student planner (if they didn’t upon entering)

Return any borrowed materials

**Dismissal/Exiting the Room:**

Once all students are back in their original seats with their belongings organized and materials returned, I will use my attention signal for the class to be silent. I will give any last minutes remarks or reminders and dismiss the class. The bell does not dismiss the students, I do; so when I tell the students they may leave, students should gather all of their belongings and throw any trash away on their way out the door.

**V. Supplies-What items do we need every day?**

Students should come prepared every day with the following supplies:

* **Expanding pocket file folder**
* **Spiral notebook**
* **Lined notebook paper**
* **Pencils with erasers**
* **Calculator**
* **Ruler (\*\*Optional, but could be helpful when we get to geometry)**
* **Colored pencils/highlighters (\*\*Optional, but helpful for notes and projects\*\*)**

***STUDENTS MUST HAVE ALL OF THESE SUPPLIES BY Monday, AUGUST 29TH!!!!!***

I have read through the entire syllabus and understand the vision and goals, course description, classroom management and procedures, and supplies list for 7th grade math. I look forward to the upcoming year!

Please sign below and **PLACE IN YOUR POCKET FOLDER.**

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(Student Signature) Date