

7th Grade Math and Science

Ms. Prowell

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| Room C303

Course Descriptions

7th grade is an important year for students to continue to build a solid foundation in math. Our math class will focus on Ratios and Proportional Relationships, The Number System, and Expressions and Equations. We will be using Eureka Math, which is a curriculum that emphasizes math fluency as well as problem solving skills, and is well aligned with the Common Core Standards.

In science, we will be working within the framework of the Next Generation Science Standards (NGSS). Within NGSS, there are three distinct and equally important dimensions to learning science.

- *Crosscutting Concepts* help students explore connections across the four domains of science, including Physical Science, Life Science, Earth and Space Science, and Engineering Design.
- *Science and Engineering Practices* describe what scientists do to investigate the natural world and what engineers do to design and build systems.
- *Disciplinary Core Ideas (DCIs)* are the key ideas in science that have broad importance within or across multiple science or engineering disciplines. These core ideas build on each other as students progress through grade levels.

In both math and science, we will be working through some difficult new ideas and concepts. It is important to approach these classes with a growth mindset in order to continue to learn productively.

Required Materials

Every day students must be prepared with:

- **Math Notebook and Science Notebook** - Each student will need a composition notebook for math AND one for science to do their homework in and to take notes. Please get 2 separate notebooks.
- **Folders** - Students will need a either folder for each class or a binder with dividers to store loose papers in an organized manner
- **Pencils** - Please bring more than one!

Grade Breakdown

Assessments (50%) - Includes tests, quizzes, and lab reports (science)

Assignments (20%) - Includes classwork and homework

Participation (20%) - This grade is based upon the daily participation rubric

Time Management (10%) - This is a grade earned by completing all assignments and projects on time and using independent and group work time productively.

Homework

Math homework will be assigned almost every class. We will need to keep a good pace to get through all of the important foundational math concepts that make up the 7th grade curriculum, so active engagement while doing homework will be essential for success.

Science homework will be assigned less frequently. The main science homework assignments will be to finish classwork if it wasn't completed during class or to write final drafts of lab reports.

Absent and Late Policy:

If you have an excused absence, you will get the number of days that you were absent to complete any assignments you missed for full credit in both assignments and time management categories.

Assignments that are turned in late will be accepted at any point in the semester for credit in the assignment category, but the time management grade will be a zero. This cannot be made up.

Bathroom Passes

Each student will receive a total of 4 bathroom passes each month. They will NOT receive 4 passes for each class, so students must use the passing periods to take care of their needs. The purpose of this is to avoid losing instructional time and to keep the hallways and restrooms safe for all students.

If students do not use all their bathroom passes by the end of the month, they can turn those in for extra credit **in all classes** in the "Time Management" category of the gradebooks.

Behavior Expectations

Most importantly, students should always work to be respectful, be responsible, and be safe.

Daily Behavior Expectations:

1. Come Prepared for class.
2. Work silently on the do now once the bell rings.
3. Be respectful to all classmates and teachers.
4. Leave your desk area and the classroom clean and organized.
5. Be gentle with classroom resources and materials.

Additionally

- Students must stay in their seats unless given permission to be up.
- Food or drink (except water) is not allowed in class without permission.
- Electronics must be used appropriately and only for educational purposes.
- Students may not use phones at any point unless the teacher says it is for educational purposes.
- Students must respect the difference between learning time and grooming time (make-up, lotion, sprays, etc. stay out of the classroom)

Important!! Phones will be taken away if they are out, *both in the classroom and in the hallways*. The first time this happens, the teacher will take the phone until the end of the period. The second time, the phone goes to the office until the end of the day. If this happens a third time, parents/guardians must pick up the phone from the office.

7th Grade Math and Science

Name of student: _____

Parents/Guardians: Please sign below, acknowledging that you have read through the course syllabus and accompanying documents for Ms. Prowell's Math and Science Classes, and provide your contact information.

By signing below, I acknowledge that I have read through the course syllabus and attached documents.

- I understand the expectations, requirements, and classroom agreements for this course.
- I understand the grading and homework policies.
- I understand that if my student's phone is out for non-educational purposes, the phone will be taken away.
- If I have any questions or concerns, I will contact Ms. Prowell

Signature of Parent/Guardian: _____

Printed name of Parent/Guardian: _____

Relationship to student: _____

Preferred Phone number of parent/guardian: _____ Email of parent/guardian: _____

How do you prefer I contact you? email phone call

Nombre del estudiante: _____

Padres / Tutores:

Por favor, firme a continuación, reconociendo que ha leído el programa del curso y los documentos adjuntos, y proporcione su información de contacto.

Al firmar a continuación, reconozco que he leído el programa del curso y los documentos adjuntos.

- Entiendo las expectativas y requisitos para este curso.
- Entiendo las políticas de calificación y tareas.
- Si tengo alguna pregunta o inquietud, me pondré en contacto con Ms Prowell.

Firma del Padre / tutor: _____

Nombre impreso del padre / tutor: _____

Relación con el estudiante : _____

Número de teléfono del padre / tutor : _____ Correo electrónico del padre / tutor _____

¿Cómo prefiere que me ponga en contacto con usted ? correo electrónico llamada de teléfono