

MYP Parents,

Roland Park MYP Teachers are excited to bring to you the Second Edition of the MYP Chronicles. The purpose of the Chronicles is to provide a monthly academic recap and/or snapshot for all subject areas in MYP. Each teacher will provide a brief overview of the topics/books/standards or lessons your child will engage in throughout the upcoming month. We hope you enjoy it!

Sincerely,
MYP STAFF

September MYP Events at Roland Park:

- 4th No School
- 6th Progress Alerts Canvas
- 6th Basketball @ RP 6pm
- 7th Grandparents Day
- 8th Grandparents Day
- 11th Conference Night 3pm-5:30pm
- 13th Basketball @ Coleman 6pm
- 15th Hispanic Heritage Month Begins
- 18th Basketball (Boys Only) @ Monroe 5:30pm
- 21st Peace Day 9:30am
- 27th Basketball @ RP 6pm

MYP

Curriculum Chronicles

September 2023



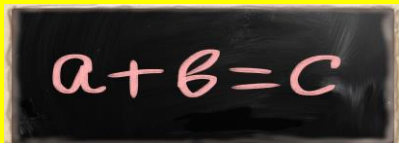
Math Minute-6th

In Unit 1, we built upon concepts from Grades 4 and 5 to perform multi-digit operations fluently. We used the standard algorithms when adding, subtracting, multiplying, and dividing decimals too. We also reviewed the greatest common factors and least common multiples and used these values to answer real-world questions.

In Unit 2, we will use the concepts of ratio and rate to compare quantities and solve problems. This is a very important unit as a foundation for other concepts.

How You Can Help at Home:

- Discuss different ratio and rate situations that occur throughout the day in your home. For example, ratios of males to females in your home, gas mileage in miles per gallon, using unit cost of items at store to determine the best deal.
- Use unit rates to determine speeds when traveling (i.e., 2 hours to travel 110 miles = 55 miles per hour).



Humanities Handbook-6th

This month we will study the characteristics of a civilization - Mesopotamia. We will explore topics such as the agricultural revolution, Sumerians, Tigris and Euphrates Rivers, the Fertile Crescent, Hammurabi's code and more. Students will identify and describe the characteristics of a civilization, factors that contributed to the development of a civilization in Mesopotamia and how geography impacted the development and way of life of civilizations in Mesopotamia.



Science Scope-6th

Ms. Bocchetti's class will be learning about the interactions of Earth's spheres through our ecosystem models, as well as our pet tadpoles! They will also be differentiating among radiation, conduction, and convection; the three mechanisms by which heat is transferred through Earth's systems. We will be learning via hands-on activities, as well as a new online learning platform called Penda Learning. Login information is posted on "Announcements" in Canvas. Be sure to check Canvas regularly as unit PowerPoints and other resources will be posted!



Language Arts Letter-6th

Students in 6th Grade Language Arts will be spending the month learning the online curriculum, *StudySync*, by MacGraw-Hill through Clever. Students will read short pieces from various genres connecting to one theme, apply specific skills that are aligned with the B.E.S.T. standards, and practice *before, during and after* reading strategies to communicate effectively using their *accountable talk stems* and build a deeper understanding of complex texts. In Mrs. T's classes, students will also be working on specific grammar skills for the Do Now (bellwork) and study *Vocabulary Roots* nightly for homework (6th grade benchmarks). Both will be assessed regularly so please talk to your children about what they're learning in-class and quiz them on their vocabulary words housed in the *Dragon Binders* (Avid Binders).



Reading Roundup-6th

Critical Thinking: We are off to a great start in Critical Thinking. We have focused on building community and establishing reading routines. In September we will continue work on our word study unit as well as begin our first novel study - more information on this soon! Please remind your students they should be reading for 20 minutes a night. Our first book project will be due at the beginning of October.

Intensive Reading: Students in Intensive Reading grades 6-8 will spend September getting acclimated to the mandatory reading program, *Language Live*, in their classrooms. Students will watch tutorial videos to learn how to best utilize the program and assess to ensure the correct placement in the program. From there, the online portion and textbook will be individualized so that pacing is appropriate for each learner. Students will set goals and monitor progress throughout the school year to ensure equity and growth. Most of the curriculum will be covered during class time, however there may be some assignments to do at home through Canvas. Please make sure your children are reading their Independent Reading books nightly for 30 minutes to achieve their personal goals. This will build stamina for reading in their other courses, as well as strengthen their fluency and reading comprehension skills needed for middle school.

Math Minute-7th

7th Grade Math

In our first unit, students will review operations of addition and subtraction with integers before performing these operations with other types of rational numbers (fractions and decimals). Students will review using number lines as the primary model for these operations. Integer tiles are also used in exploration activities. Students will combine the "rules" for the process of adding and subtracting integers to adding and subtracting fractions and decimals that are both positive and negative.

7th Grade Accelerated Math

In our first unit, we have applied our understanding of balancing an equation to solve multi-step linear equations with variables on both sides of the equal's sign. When solving linear equations, we will work with equations that have one solution, no solution or infinitely many solutions. In this unit, we will work with equations with exponents on the variable (squares and cubes). Prior to solving these types of equations, we will find perfect squares and perfect cubes as well as square roots and cube roots. The unit finishes with students solving inequalities and graphing their solutions sets. Our next unit will explore the real number system including rational and irrational numbers. We will write irrational numbers in simplest radical form. Your child will participate in explorations to derive the Pythagorean Theorem and then use the Pythagorean Theorem to find missing side lengths in right triangles. We will also be able to determine if three side lengths form a right triangle. We will apply our knowledge of the Pythagorean Theorem to real-world situations with missing measures, including situations in two and three dimensions (see below). We will also apply their knowledge of the Pythagorean Theorem to find distance on the coordinate plane.

Science Scope-7th

Science is off to a great start this school year. We are working our way through classification of living things and will be moving along to cells structure. We will learn how to use microscopes to decipher between plant and animal cells. Also, students will begin their science fair projects within the next couple weeks and will be given a folder with all the important due dates.



Humanities Handbook-7th

We have already been learning so much in Civics!

In August, we touched up on our geography skills and learned about the different forms and systems of government.

In September, we will learn about the Citizenship, Enlightenment, English policies leading to the formation of our government, and Rule of Law. We will be doing a plethora of engaging and enriching activities in class as well as beginning to work on test taking strategies. For every unit of study students will be given EOC style questions, giving them the chance to consistently work on their test taking skills.

Be sure to check out all the extra resources I have provided in Canvas under the Announcement section. I have included Quizlets and CPALM tutorials. iCivics is also a fabulous resource for students to use.



Language Arts Letter-7th

We have been creating the foundations of a classroom community in Language Arts, establishing procedures and classroom norms, and slowly getting into our new curriculum. We will continue exploring the digital tools at our disposal, including Canvas and the StudySync online textbook.

Please encourage your student to share our day-to-day with you as the semester progresses and make sure they are checking Canvas consistently.

Also, make sure that you are encouraging your child to always have a book in their backpacks. They should be reading at least a few minutes a day. The best thing you can do to ensure student success is to instill a love and genuine value for reading.



Math Minute-8th

Geometry

With the basics of Geometry under their belt, your students will be equipped for the unit on reasoning and proofs. We will navigate how to reason and construct logical arguments through inductive and deductive reasoning, and how to construct conditional statements written in "if-then" form. The students will also be looking at several postulates to guide them in writing proofs about lines, angles, triangles, and parallelograms. And we can't forget to apply our reasoning skills to algebra too!

Algebra

In this unit, we will continue to expand our skills from solving linear equations and apply them to solving linear inequalities. The problems get more complex as the unit goes on, so color-coding is a great way for the students to build confidence in writing inequalities! The last part of this unit will then expose the students to compound and absolute value inequalities, bringing the unit to a close.

Pre-Algebra

In this unit, we will explore the real number system including rational and irrational numbers. We will write irrational numbers in simplest radical form. Your child will participate in explorations to derive the Pythagorean Theorem and then use the Pythagorean Theorem to find missing side lengths in right triangles. We will also be able to determine if three side lengths form a right triangle. We will apply our knowledge of the Pythagorean Theorem to real-world situations with missing measures, including situations in two and three dimensions. We will also apply their knowledge of the Pythagorean Theorem to find distance on the coordinate plane.

Humanities Handbook-8th

8th Grade U.S. History:

In this unit of study, we begin with the analysis of maps, mapping skills and the review of general geographical terms and applications. We explore the Age of Exploration from Europe into the New World of the Americas. We will explore the causes of such exploration and the effects in terms of colonization on new lands in the Western Hemisphere. The colonization of North America by European powers will lead us to the original 13 British colonies of North America. Students will be expected to understand the processes of colonization, its goals, its causes and effects on people, animals, plants, trade, etc. (Colombian Exchange).

6th Grade World History:

This unit begins with students exploring social studies skills such as reading maps, charts and graphs. Students need these skills as they explore the civilizations throughout the year. A foundation in geography is important as students will need to see connections between the civilizations. Basic knowledge of continents, countries, cities, and states and the ability to garner knowledge from a chart or graph in order to make informed decision is critical.

Science Scope-8th

Issues and Physical Science

The title of our current unit is "Studying Materials Scientifically". We have recently completed safety precautions when dealing with hazardous materials. Students are now beginning to collaborate with their groups, during labs, to measure volume, mass, and density so that they can compare substances based on its chemical and physical properties. Students are also completing the pre-work for the upcoming Science Fair.

8th Grade Comprehensive Science

Our current unit title is "Forces and Motion". Our students have studied the different types of forces. We are currently analyzing data to interpret the factors that affect the strength of different forces. Magnetic force and those factors affecting its strength will be analyzed first. Students are also completing the pre-work for the upcoming Science Fair.



Language Arts Letter-8th

Edgar Allan Poe. Shirley Jackson. W. W. Jacobs. Masters of suspense stories are at work in this unit, with its focus on fiction. And there's more: students will also read a suspenseful excerpt of a novel presented as a screenplay by award-winning YA fiction writer Walter Dean Myers. After reading classic thrillers and surprising mysteries within and across genres, your students will try their own hands at crafting fiction, applying what they have learned about suspense to their own narrative writing projects. Students will begin this unit as readers, brought to the edge of their seats by hair-raising tales, and they will finish as writers, leading you and their peers through hair-raising stories of their own.

Spanish



The students have just wrapped up the units on the Greetings and the Alphabet in 6th grade. Did you know that there is a formal way to address adults for all your questions in Spanish? While the students learned how to meet and greet each other, they learned how to address the adults differently out of respect. They applied those skills as they role-played in class and worked on scripts. We also worked on the letters of the alphabet and their sounds. Your child now knows how to sing the alphabet in Spanish as well. For the month of September, we will learn numbers 1-39 in 6th grade and 1-70 in 7th grade. We will be using math flashcards to add and subtract in Spanish. Last, we will be learning how to say our days and dates in Spanish as we learn the words to the Calendar voc.

In Ms. Oliveros Spanish 1 class, the students are currently reviewing the concepts in “Para empezar” learned in 6th grade Spanish class. They will begin creating skits in groups to review the vocabulary and concepts in this review section and will present them to the class. Upon finishing the skits, we will begin the chapter "Mis amigos y yo" where they will talk about activities that they and others like and don't like to do, expressing agreement and disagreement, infinitive verbs (to do something) along with personality traits describing themselves and others.

In Mrs. Olivo's Spanish 2 class, the students are reviewing vocabulary from last school year. They are reviewing likes/dislikes and descriptive words. For this unit, the students “created” an Instagram page in Spanish about themselves and wrote a essay on a prominent Hispanic leader in our community entirely in Spanish. On both assignments, the students determined which I.B. trait best reflects the person for the assignment and explained why in Spanish. They will have their test on this unit beginning of September. Then, for the rest of the month of September, the students will begin new material about school and different activities to do after school. Please make sure that your son or daughter is studying at home for 15 minutes each day with flashcards or practice spelling tests on the words.



MYP ART Studio Happenings...

Parents! I am so proud of my young artists. They have *opened* their minds, taken in large amounts of new information, etiquette, and safety rules. We have experimented with paint, collage, and fabric for our sketchbook covers – kudos to them for rising to the challenge of that task in the first full week of the school year! They have taken the care and time to creatively express the foundations of art in their sketchbooks by gaining a deeper understanding of the Elements of Art (please ask quiz them about these seven words 😊). We will delve into our first project

for International Peace Day using the 8 studio habits of the mind as well as Socratic style questioning to determine as a class how we will proceed in the creation of impactful art that allows both artist and viewer to think deeper about the meaning of the artwork(s) being observed. (This will most likely turn into many different projects!)

I would like to personally thank EVERYONE who has contributed to the art room via donations, amazon purchases, gifts, and well-wishes for a great year. As we move through the first few weeks of school, I have noticed that we need cleaning wipes, paper towels, toothpicks, paper plates, tissue, and I would like to start a collection of empty toilet paper/paper towel rolls (for future sculpture) if that is possible! Thank you for all you do, and the support you give. It means so much

MYP 6-8 PHYSICAL EDUCATION



UNIT – FLAG FOOTBALL 8/25- 9/8

Students are utilizing the skills of team sports as well as necessary skills required to perform the activity. You will find the students participating as a team scoring and playing defense as well. The tournament style games of teams of 3 or teams of two allow for the students to have plenty of repetition with throwing, passing, as well as catching. We are also doing a warmup lap around the field before we start our flag football games.

Soon we will be starting the physical education fitness testing consisting of cardiovascular endurance and strength as well as muscular endurance and strength. Roland Park MYP 6-8 students will be able to track their progress through the fitness testing and set goals to improve in these areas throughout the year.



6th Grade (career research and decision making)- The first semester of 6th grade electives, students will get to try band, orchestra, and art. Our 6th grade students are getting to opportunities to play instruments they may not have played before! This month, the 6th graders are learning technique on mouth pieces for wind instruments such as trumpet, trombone, clarinet, flute and saxophone.

Band (7th and 8th)- This month, our band students are hard at work reviewing technique and pedagogy for the instrument they play. The fundamentals they are learning are key in building a strong foundation for performance during the course of the year. Students are playing out of method books that we use in class, as well as learning scales and beginning to work on music that will be played later in the year.

Orchestra (7th and 8th)- Similar to the band students, our orchestra students are reviewing technique on their instruments such as posture, procedures, bow technique and fingerings so that they are set up for success throughout the year. This group is also beginning to practice songs that will be played in our upcoming 'Peace Day' performance.



AVID CC:

<p>What's News in AVID & IB Design?</p> <p>Students have completed our introductory topics and activities to establish a preliminary understanding of what AVID is and how it can help them.</p> <p>Ask your child:</p> <ol style="list-style-type: none"> 1. Show me your note-book and explain the table of contents. 2. What is WICOR and how can it help? 3. What are the 5 phases of focused note-taking? <p>Coming up, we're going to be learning the Tutorial process and begin our Tuesday tutorial activities. Tutorials are a great way for students to get help with and explore complex concepts in their other academic classes (think formalized collaborative study group.)</p> <p>Also, be on the lookout in the second week of September for information and an agreement form for our IB Design project. This year we will again be partnering with Odyssey of the Mind to explore the process of design.</p>	<p>COMING SOON... mark your calendars</p> <p>October 5: FIELD TRIP to HCC—watching <i>Wizard of Oz</i> performed live, visiting museums like Ybor History and Baseball museum, and Q&A sessions with college students and staff!!! (first 50 7th graders to sign up get to go! Be on the lookout for forms!)</p> <p>November 17 Great American Teach In. AVID site team coordinating speakers for ALL classes and grade levels—if you or someone you know is available to present please pass along their info!</p> <p>AVID NEEDS:</p> <p>We need chaperones for HCC field trip—sign up with Mrs. Chiasson (send message or check box on field trip form)</p> <p>We need adult tutors on Tuesdays 9:30a-2:30p (paid district position or volunteer) message Chiasson if interested!</p> <p>We need career speakers for Great American Teach In November 16. Please message Chiasson if interested.</p>
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<p>What's news in Theatre?</p> <p>We're just finishing up a unit and project on careers in the Theatre with student presentations.</p> <p>Next, we will be starting an IB unit on performance and its relationship to social concerns.</p> <p>October 25th we're going to the Straz for <i>Beetlejuice</i>—sign up is closed. Please submit money for tickets ASAP.</p>	<p>Coming up... mark calendars</p> <p>Jr. Thespians is accepting registrations through September 22. Sign up now with Chiasson to get started with this year's competitive theatre season.</p> <p>Musical auditions December 4th</p> <p>Next Straz show is <i>Funny Girl</i>—QR code on student life to sign up.</p> <p>See Theatre page on Student Life for more information.</p>
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