

6th Grade Math Syllabus
Powell Middle School
Mrs. Hamilton

Course Description: In grade six, your child will learn the concept of rates and ratios and use these tools to solve word problems. Students will work on quickly and accurately dividing multi-digit whole numbers and adding, subtracting, multiplying, and dividing multi-digit decimals. Students will extend their previous work with fractions and decimals to understand the concept of rational numbers. Students will also learn how to write and solve equations and apply these skills in solving multi-step word problems.

Module topics will include:

- Computational fluency with decimals and fractions
- Ratio, rates, and percent
- Extending the number system and the coordinate plane
- Algebraic expressions
- Equations and inequalities
- Understanding and analyzing data
- Geometry

You may find the local curriculum, state standards and other competencies at knoxschools.org.

Instruction: I strive to teach students to make sense of problems, reason abstractly and quantitatively, construct viable arguments and critique the reasoning of others, model with mathematics, use appropriate tools strategically, attend to precision, look for and make use of structure, and look for and express regularity in repeated reasoning.

Homework: I don't typically give homework everyday. When I do, it is usually less than 10 problems. Some days I need to know what your child understands outside of the school setting and would like a glimpse of his/her independent comprehension of the material. This helps drive my future instruction to ensure all children's needs are met. Thus, it is important that you encourage your child to complete the assignment and do his/her best. It is okay to not understand or make mistakes; it is not okay not to try.

Materials Needed: Students will need a pencil, notebook paper, and a binder with 4 tabs, as well as at least 2 dry-erase markers. **These are for your child's use and will be responsible for bringing them to class daily.** Your child may also find colored pencils/pens useful for making distinctions in problems. Additionally, we will utilize a class set of calculators. However, your child may choose to purchase a TI-30XS MultiView Calculator to use for homework or in class.

Resources: The textbook used in 6th grade Math is Houghton, Mifflin, and Harcourt GO Math. This is a consumable book and is expensive to replace. For this reason, students will keep their books in class and rip out pages as needed. In addition to the textbook, audio/video clips from YouTube, Teachertube, Thinkfinity, Khan Academy, Code.org, MathSnacks.org, Learnzillion Online, or other educational websites/programs may be used to enhance student learning.

Expectations: Students will be required to:

- Write assignments in agenda book daily
- Bring appropriate materials to class
- Complete all assignments on time
- Obtain and complete make-up work in time required
- Follow all Powell Middle School rules

Grading Policies:

In accordance with Knox County Schools' policy, students' grades will be determined as follows:

	<u>Grade Level</u>		<u>Honors</u>	
1 st Semester	Summative (Benchmarks)	10%	Summative (Benchmarks)	10%
	Summative (Quizzes/Projects)	40%	Summative (Quizzes/Projects)	40%
	Formative (Practice/Projects/ Participation)	50%	Formative (Practice/Projects/ Participation)	50%

2nd Semester percentages will be posted at a later date.

Assignments: It is imperative for students to complete all assignments. Doing so will prepare them for the quizzes, tests, and the TN Ready assessments. Assignments will be written on the board daily. Students are encouraged to write the assignment down in their Agenda book every day. Students are expected to have work finished and completed on time upon arrival to class. Please check their agenda for work due. Parents and students can check grades weekly on **Aspen!** Please do so!

Remind: Remind is a free, safe, and simple messaging tool that helps teachers share important updates and reminders with students & parents. **Subscribe by text, email or using the Remind app.** All personal information is kept private. Teachers will never see your phone number, nor will you see theirs. I will send out messages about daily work and deadlines through Remind.

Spiral Review: EVERY Monday (or first day of the week), students will complete a 10-question spiral review. These are 'test-like' questions and will help students prepare for the demanding questions and thinking required on TN Ready. Students will be given the opportunity to REDO these for FULL credit by the following Friday. (Yes, they can re-do them after we've gone over the answer in class for two reasons: 1) Hard work determines your success in life, and 2) we want to continue to learn even after we make a mistake!

Participation Points: This grade will fall under the Formative percentage. Students will have the opportunity to earn 100 points per week for following the classroom rules/expectations, coming to class prepared, actively participating in class discussions, and having their homework.

Redo/Correction Opportunity: In addition to being able to re-do Spiral Reviews for FULL credit, students also have the opportunity to complete work corrections on most assignments and quizzes for half credit. Projects, tests, and benchmarks are excluded.

- All corrections have to be completed **within 2 weeks** of when the teacher handed out with original grade.
- Students can only redo/correct an assignment one time.
- Corrections are to be completed using the correction form and must include the following information:
 - Name/Name of Assignment
 - State which problem was incorrect.
 - Explain why your original answer was incorrect. (More discussions will take place on appropriate answers to this portion. However, it must be a detailed explanation of the error made. Students should avoid easy, ambiguous answers, such as: "I made a mistake", "I didn't understand", "I put the wrong answer". These are all obvious to me- my hope is for students to learn from those mistakes; we must know what and why we were wrong in order to learn.
 - The correct answer should then be written.
 - Staple the original paper to the back of the corrected paper. **(This must be included in order to be graded!)**
- **Late Work, Re-do's, and Corrections will not take priority over current student work. Thus, it may take longer for those grades to be updated.**

Portal Post Policy – Graded assignments will be posted online in Aspen regularly. However, if an assignment is turned in late or turned in with a correction, those grades may take longer to post.

Absent Work: Attendance is an important contribution to a grade. If a student is absent, it is his or her responsibility to find out what was missed. **Students MUST get their make-up work during homeroom (8-8:25) or lunch.** Student will be unable to stop instruction during class to get make-up work. Students have the same number of days to make up work as the number of days missed. If your child is absent more than three days, you may request to pick up work in the office.

Late Work: Assignments are expected to be turned in on time. Late work will be accepted no more than 5 days after the due date for half credit. Points will be deducted. After 5 days, students will receive a zero.

Movies: At the end of each semester, students may earn a movie day. Here are a few options we may watch: Elf, The Polar Express, The Grinch, The Sandlot, Night at the Museum series, Cool Runnings, FernGully: The Last Rainforest, Princess Bride, Mulan, Aladdin, Peter Pan, Remember the Titans, Zootopia, Home Alone, The Lego Movie or Stand and Deliver. If your child **does not** have permission to watch any of the movies listed, please sign the **exclusion slip** on the next page by September 1st, 2019. *If your child is allowed to watch all the movies except for one or two, then specify which movie(s) they are not allowed to watch.* Your child will be given an alternate assignment.

The best way to contact me with concerns about your child's progress is to e-mail me at Jacqueline.hamilton@knoxschools.org or message me through Remind. I look forward to a great year with you and your child.

*****PLEASE RETURN THE FOLLOWING PAGE*****

Student Name: _____ Math Class Period: _____

Student's Strengths:	Student's Struggles:
What Motivates my Child?	Three Goals you Have for CHILD IN MATH: ★ ★ ★
Your perspective on homework?	
Anything you would like me to know?	

*******Please sign and return to indicate that you have read and understand all the policies outlined in the syllabus for Mrs. Hamilton's math class. *******

Parent/Guardian Name(s): 1) _____ Best Contact: _____

2) _____ Best Contact: _____

Who does child live with? _____

I have read the course syllabus: _____
(Parent/Guardian Name) (Parent/Guardian Signature)

I have read the course syllabus: _____
(Student Name) (Student Signature)

Exclusion Slip for movies listed.

MY CHILD MAY NOT WATCH

Student's name: _____

Parent's name: _____

Powell Middle School 6th Grade Daily Schedule

7:30 – 8:00	Panther Pause: Students report to the designated classroom for that day (refer to schedule below). Students are to follow the morning expectations listed on the back
8:00 – 8:35	Homeroom: Prior to coming to homeroom, students need to stop by their locker and get their materials for their 1 st and 2 nd class. Once in homeroom, students are to follow the morning expectations listed on the back. Bathroom breaks can be taken during this time.
8:35 – 9:45	1st Class
9:45 – 11:25	2nd Class/Lunch
11:25 – 11:30	Locker Break/Bathroom Break: Students are to put everything away and line up for Related Arts.
11:30 – 12:15	1st Related Arts (3rd Period)
12:20 – 1:05	2nd Related Arts (4th Period)
1:05 – 1:10	Locker Break/Bathroom Break: Students are to get materials for their 5 th and 6 th class.
1:10 – 2:15	5th Class
2:15 – 3:20	6th Class
3:20-3:25	Locker Break/Homeroom/dismissal: Students are to get all materials ready to go home. Then go to Homeroom for dismissal.

Panther Pause Schedule

Monday: Social Studies
Tuesday: ELA
Wednesday: Math
Thursday: Science
Friday: Social Studies (1st 9 weeks)

Daily Rotation

Monday: 1, 2, RA, RA, 5, 6
Tuesday: 2, 5, RA, RA, 6, 1
Wednesday: 5, 6, RA, RA, 1, 2
Thursday: 6, 1, RA, RA, 2, 5
Friday: 1, 2, RA, RA, 5, 6

Morning Expectations for Students

7:30 – 8:35 a.m.

Upon arrival at school each morning and until the beginning of classes at 8:35 a.m., students will be:

- Seated in a desk
- Quiet
- Reviewing/completing homework
- Read silently
- Studying for a test or quiz
- Participating in school-based, organized activities (Panther Promise, Panther Company, etc...)
- Completing make-up tests or assignments
- Participating in tutoring
- Participating in academic intervention
- Completing projects or research
- Organizing materials for the day



Sign up for important updates from J. Hamilton.

Get information for Powell Middle School right on your phone—not on handouts.

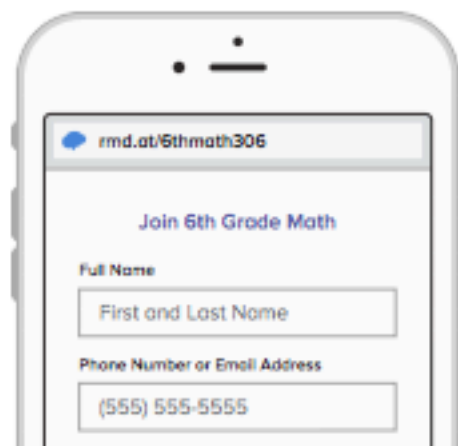
Pick a way to receive messages for 6th Grade Math:

A If you have a smartphone, get push notifications.

On your iPhone or Android phone, open your web browser and go to the following link:

rmd.at/6thmath306

Follow the instructions to sign up for Remind. You'll be prompted to download the mobile app.



B If you don't have a smartphone, get text notifications.

Text the message @6thmath306 to the number 81010.

If you're having trouble with 81010, try texting @6thmath306 to (209) 292-2049.

* Standard text message rates apply.



Don't have a mobile phone? Go to rmd.at/6thmath306 on a desktop computer to sign up for email notifications.