

**6<sup>th</sup> Grade Math Syllabus**  
**Powell Middle School**  
**Mrs. Reuss**

**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](http://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 give homework often. 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.

**Materials Needed:** Students will need a pencil, a spiral notebook (class notes), wide ruled notebook paper (work turned in), and a 2-pocket folder or binder daily. **These are for your child's use and will be responsible for bringing them to class daily.**

Students may choose to purchase a TI-30XS MultiView Calculator to use at home. I have calculators for students to use in the classroom.

**Resources:** The textbook used in 6<sup>th</sup> 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. If you are interested in the online log-in, contact me through email. 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:**

**Grade Level**

**Honors**

<b>1<sup>st</sup> Semester</b>	<b>Summative (Benchmarks)</b>	<b>10%</b>	<b>Summative (Benchmarks)</b>	<b>10%</b>
	<b>Summative (Quizzes/Projects)</b>	<b>40%</b>	<b>Summative (Quizzes/Projects)</b>	<b>40%</b>
	<b>Formative (Practice/Projects/ Participation)</b>	<b>50%</b>	<b>Formative (Practice/Projects/ Participation)</b>	<b>50%</b>

**2<sup>nd</sup> 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 correct any missed questions for half credit by the following Friday.

**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:** Students can redo most assignments and quizzes for half credit. Projects, tests, and benchmarks are excluded.

- All redos have to be corrected **within 2 weeks** of when the teacher handed out with original grade.
- Students can only redo assignment one time.
- Corrections have to be on a separate piece of notebook paper with the following information on it:
  - Title the paper (Ex: Correction for Fraction Quiz)
  - Correct the problem.
  - Explain why the correction is the right answer.
    - Staple the original paper to the back of the corrected paper.

**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 the semesters, 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. 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 [kimara.reuss@knoxschools.org](mailto:kimara.reuss@knoxschools.org) I look forward to a great year with you and your child.**

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

Student Name: \_\_\_\_\_ Math Class Period: \_\_\_\_\_

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

**\*\*\*\*\*Please sign and return to indicate that you have read and understand all the policies outlined in the syllabus for Mrs. Reuss'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: \_\_\_\_\_