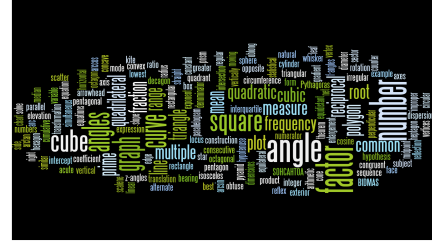




Immanuel Lutheran School

632 East Highway N
Wentzville, MO 63385



6th Grade Math

Mr. Rich Wuebbels

Room 220B

rwuebbels@ilsw.org



2021 / 2022

Course Description

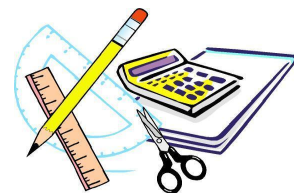
6th Grade Math is designed to strengthen basic math skills. During 6th grade math, students will learn about ratios and proportions, the number system, expressions and equations, geometry, statistics and probability. The student will primarily use the book *Glencoe Math © 2016 Course 1*. Other supplemental materials will be used and will be supplied by the teacher. We follow the curriculum written by the LESA Math Committee which covers the current Missouri Learning Standards.

Through numerous and interrelated mathematical experiences, students will work to attain the following goals:

- Become mathematical problem-solvers
- Communicate mathematically
- Develop confidence in their own abilities to do mathematics
- Prepare for Christ-centered, productive lives
- Develop positive attitudes towards their own mathematical experiences
- Be challenged to succeed to the best of their God-given abilities

Required Supplies

- Pencil and eraser – **work will not be accepted in ink.**
- Graph paper
- Graph paper notebook
- Folder
- Pens for grading
- Personal computers such as a Chromebook
- Personal Headphones



Classroom Website is located at: <https://www.mrwuebbels-ilsmath.com>

Class newsletter, notes, videos, and homework assignments will be found here.



1:1 Chromebook / Bring Your Own Device Program: Throughout the year in math, students use technology to develop 21st century mathematics knowledge and skills. In this class students will explore STEM career paths using technology. Besides the students having anytime, anywhere access to the math curriculum, this program will allow me to teach with technology by providing virtual manipulatives, lesson animations, online assignments, and more personalized instruction.



Math Facts: It is important to increase speed and accuracy in arithmetic to be successful in other areas of math. Math Fact Quizzes will be given regularly. ILS has purchased a subscription to the Rocket Math Online Game and your child has been assigned a seat. The Online Game should be played at home as well as at school especially during lab time. Your child can login through any device that uses a browser such as a laptop, tablet or phone. The Rocket Math Online Game keeps track of your child's progress wherever he or she works, whether at home or at school. A practice session will only last from 5 to 15 minutes and then a "battery recharge" of 20 minutes will be given. Your child won't have to practice for too long at a time. 6th Grade students are required to practice at least three times a week and will be graded based on their effort. Bonus points will be given for finishing each section.

Here's the URL for where to play: <https://play.rocketmath.com>

I highly recommend bookmarking this site for future use.

Typical Daily Procedures

Students will review the previous day's assignment, be taught new concepts, and work through practice problems, so they will be able to work through exercises assigned by the teacher.

Students will be expected to take detailed notes and work through all practice examples. If a concept is not understood, the student is responsible for seeking help from the teacher. All homework should be attempted whether it is understood or not. Your best guess is much better than nothing at all.

These procedures are typical but throughout the year we will also be doing several exploratory projects to strengthen math skills.

Classroom Policies

Grades: Students are expected to work hard, put forth the necessary effort and maintain a passing grade. **Please seek help from the teacher right away if you are struggling!!!**

Late Work:

- 10% deducted per day, up to 50%
- 2 missing assignments in one week will result in a conference with parent

Absences:

If a student is absent he/she is responsible for the missed notes and homework. The student is also responsible for keeping up with current class work while completing make up work on his/her own time. If your child is absent, we will work together to catch him/her back up and I will decide on due dates. **All homework is listed on my classroom website and posted the Sunday before the school week. Notes will be posted at the end of the day.** If a student is sick then I will make every effort to help them catch back up. **Absences due to vacations or outside events** - students are responsible for keeping up with homework and taking class notes from the online videos or copying them into their notebooks from my website. I cannot take special time to work with them when they return. **All homework missed will be due the day they return.**

www.ixl.com

We're using IXL to support our math curriculum, and your child has access to this online program at home. With hundreds of skills that match what we're learning, as well as insights into student progress, IXL is a great resource to help your child excel. This program is aligned to the textbooks we are using so it's a great resource.

The way it works:

Scoring is very student directed and learning through a program like IXL is very personalized. Students should aim for 80 or 90%, which shows a strong understanding of a skill. For an extra challenge, try for mastery (a score of 100). Even if a student gets a question wrong, it's always possible to reach a 100%. IXL gives a detailed explanation of the problem and attempts to reteach the concept. Students are not required to do problems in the challenge zone, those questions are worth bonus points. So a "Smart Score" of 90 is considered 100% in my grade book. Students shouldn't spend too much time at night on this at home. I suggest 20 to 25 minutes for 6th Graders **AT THE MOST in one night**. So what happens if it takes longer? Because each child's needs are unique, that is a choice that parents and students must make. Students are always given a due date (usually the next day) but they're allowed to continue and raise their score all the way up to test day when final grades are entered. In other words if students put in the time and effort as expected, then even if they are not finished the work will not be considered late. It will be considered late if they spend less than the recommended time working these problems and they don't get to a passing score of 70%. The homework policy is below. Grades are usually entered the day the assignment is due and corrections will only be put in on test day. You can check your child's progress by logging in to their account. Passwords can be found in the student's planner.

Though this is a digital platform but most of these problems need to be worked out on paper. Students also need to keep their work neat and organized in their math journal. I don't expect any student to work these problems out in their heads. That's not realistic or fair.

Tests:

- Tests will be announced well in advance, and a study guide will be provided and reviewed.



- Quizzes may or may not be announced

Homework Policy

Work **MUST** be shown on all problems assigned. Homework **will not** be accepted without the proper work shown. If no work is shown, a mark of 0 and NWS (“No Work Shown”) will be entered into the online gradebook. Don’t make this choice but if you do, turn it in asap because late penalties still apply.

Class work is assigned daily to increase speed and accuracy. All class work that is not completed will be assigned as homework unless approved by the instructor; therefore INCOMPLETE assignments are **NOT ACCEPTABLE!** The student is expected to pay attention in class and do the work to the best of his/her ability. All assignments are to be completed before the start of the next class period. Should an assignment not be completed on time, 10% credit PER DAY will be deducted for each day late, with a maximum of 50%. Late work will not be accepted after one week past the due date.

This does mean that all problems should be attempted on paper even if the assignment is not completely understood.

A question and answer time will always be provided each class period for students to get additional help on especially difficult problems. It is impossible to learn by giving up, and I firmly believe that every student knows something about math and is capable of trying. Do not hesitate to ask for help, that’s what I’m here for!!! Students may also FastDirect me at any time. We will work together through any difficulties you are experiencing.

Names!!! It is impossible to grade it if I don’t know who’s it is! The first thing you should do before attempting any assignment is put your name and heading on it!!! The penalty for no names is tough and meant to be a reminder of how important it is. Since I can’t tell who’s paper it is when there is a no name, anyone with a no name paper will receive a zero and 10% per day beginning from the time the assignment is posted to the “no name” board.

Classroom Expectations

- Honor and Serve our Lord
- Follow all procedures as outlined in the Immanuel Lutheran 2019 - 2020 Family Handbook
- Bring all materials to **every** class.

- Have homework ready to grade at the beginning of every class.
- Raise your hand when you need to speak or ask questions.
- Remain in your assigned seat unless given permission by the teacher.
- Treat others as you would like to be treated. Always speak of others in a Christian manner and do not contribute to gossip or bullying.
- Homework must be done on time. Students are required to show all work and complete assignments in the proper format. Homework is assigned towards the end of class and is due at the beginning of the next class unless specified by me.
- Respect others comfort zone at all times.
- Come to class on time, ready to learn.
- Fill in planners as directed by the classroom teacher.

Consequences for not meeting these expectations

- Phone calls or emails to parents
- Isolated Lunch
- Detention
- Talk with principal

DON'T LET THIS HAPPEN TO YOU!!!

Please come to me with ANY concerns you may have. I am here to help make your experience at Immanuel enjoyable and successful. You may always email me on Fast Direct or at: rwuebbels@ilsw.org.

Let's have a great year!!!!!!

