

6th Grade Mathematics COURSE SYLLABUS

6A: Mike Deltgen	deltgenm@cm201u.org	367-2425
6B: Tiffanie Shouse	shouset@cm201u.org	367-2476
6C Carrie Dragovic	dragovicc@cm201u.org	367-2436

Course Description

Students in the 6th grade focus on active engagement with numbers by focusing on conceptual understanding, computational and procedural skills, and problem solving. The 6th grade standards require students to study the following areas: Numbers, Number Operations, Proportionality, Equivalent Expressions, Equations and Inequalities, Relationships in Geometry and Measurement and Data. Students will increase their understanding of the course material by participating in homework, class work, quizzes, tests, group and individual projects, independent problem solving, and oral presentations.

***There will be flexibility during virtual/hybrid instruction based on the student situation as long as communication has been made by the student or parent/guardian ahead of time.*

IB Middle Years Programme Objectives & Strands

IB Math

A. Knowing and Understanding <ol style="list-style-type: none">1. select appropriate mathematics when solving problems in both familiar and unfamiliar situations2. apply the selected mathematics successfully when solving problems3. solve problems correctly in a variety of contexts.
B. Investigating patterns <ol style="list-style-type: none">1. apply mathematical problem-solving techniques to recognize patterns2. describe patterns as relationships or general rules consistent with correct findings3. verify whether the pattern works for other examples.
C. Communicating <ol style="list-style-type: none">1. use appropriate mathematical language (notation, symbols and terminology) in both oral and written statements2. use different forms of mathematical representation to present information3. communicate coherent mathematical lines of reasoning4. organize information using a logical structure.
D. Applying mathematics in real-life contexts <ol style="list-style-type: none">1. identify relevant elements of authentic real-life situations2. select appropriate mathematical strategies when solving authentic real-life situations3. apply the selected mathematical strategies successfully to reach a solution4. explain the degree of accuracy of a solution5. describe whether a solution makes sense in the context of the authentic real-life situation.

District 201U Mission Statement:

Empower each student to positively impact the world for a bright new future.

Categories & Weights

Assessments	70%
Classwork	20%
Homework	10%

Grading Scale

100% -90%	A
89% - 80%	B
79% - 70%	C
69%-60%	D
59% and below	F

***While in remote learning emphasis will be on classwork (attending sessions, active participation in lessons, successful work completion)*

Family Access/Student Access:

- Grades are updated in Skyward weekly. Parents should check online grades regularly through Family Access. If you do not have your login credentials for Family Access please contact our Technology Department at 708-367-2930, or the front desk at 367-2400
- Students will be trained to review their own grades and academic progress through Student Access.

Class Supplies Needed:

- Chromebook--Charged @ home daily.
- Pencils
- Spiral Notebook
- Folder
- Math Workbook
- Calculator
- Planner

Absence Work Policy:

- Students who are absent are expected to complete and turn in any missed work upon their return. Per the CMMS Homework Policy, they will be granted the number of days missed +1 day to turn in work without penalty.

All students are expected to adhere to the CMMS Academic Honesty Policy. Our Academic Honesty policy was sent home during the first week of school.

If you have questions about content and or grades, please contact your child's teacher.

*District 201U Mission Statement:
Empower each student to positively impact the world for a bright new future.*