

Student Name: _____

7th GRADE MATH CHOICES

Middle School Math Curriculum

6th Grade	Math 6		
7th Grade	Transition Math 7	-OR-	Transition Math 7/8
8th Grade	Transition Math 8	-OR-	Algebra (For H.S. Credit)

Mapping Out the Math Curriculum Grades 6 - 12

	Option 1	Option 2	Option 3
Grade 6	Math 6	Math 6	Math 6
Grade 7	Transition Math 7	Transition Math 7	Transition Math 7/8
Grade 8	Transition Math 8/ Intro. Algebra	Transition Math 8/ Intro. Algebra	Algebra (For H.S. Credit)
Grade 9	Algebra I	Algebra I	Geometry
Grade 10	Geometry	Geometry	Algebra II
Grade 11	Algebra II Core	Algebra II	Functions, Statistic, & Probability (FST)
Grade 12*	Math Elective	Functions, Statistics & Probability (FST)	AP Calculus

*It is a State requirement that all students complete Algebra II and that a Math course be taken all 4 years of high school.

Criteria used in choosing which curriculum to follow:

1. Math 6 overall GPA 3.67 (A-)
2. Recommendation of Math 6 Teacher (based on grades, timely completion of homework, math skills (multiplication & division tests) and attitude towards math)
3. End of Year Math 6 Assessment (80%)
4. Desire of student and parents

I would like to take the following Math class in 7th Grade (check one):

Transition Math 7

Transition Math 7/8

Student Signature

Parent Signature

Date

Please return to the Middle School Office.

Please contact Ms. Marttila if you are uncertain where your child would be most successful. If you have additional questions regarding the Middle or High School Curriculum, please contact Mrs. Bishop to schedule a time to meet with the Middle School Math Department.

Understanding the University of Chicago School Mathematics Project (UCSMP)

Houghton Schools use the Chicago Math series K-12. Seventh grade's Transition Math book is a change in format from Everyday Mathematics. Sixth grade students are guided through activities, journals and study links. Beginning with the Transition Math course and subsequent courses, the emphasis is placed on students becoming active learners and the instructor providing guidance and support along the way. UCSMP stresses the importance of students reading the lesson, sometimes more than once, for preparation of class discussion

Sample Weekly Assignment

	Transition 7	Transition 7/8
Monday	Read & do Covering the Idea (CI) and bookwork	Rest of 3-1 (Applying the Mathematics & Review), Read & do CI 3-2
Tuesday	Rest of Masters	Rest of 3-2, Read & do CI 3-3, Master 3-1A*
Wednesday	Read & do CI and bookwork	Rest of 3-3, Read & do CI 3-4, Master 3-2A
Thursday	Rest of Masters	Rest of 3-4, Read & do CI 3-5, Master 3-3A
Friday	Read & do CI and bookwork	Rest of 3-5, Read & do CI 3-6, Master 3-4A, Quiz 3-1 through 3-3

*Sample Lesson Available

Things to Note

- Most (75%) students follow the Transition Math 7 option.
- In Transition Math 7 and Transition Math 8, half of a lesson and a review sheet are covered each day (equivalent to approximately thirty – forty minutes of homework per night.)
- In Transition Math 7/8 and Algebra, a whole lesson and a review sheet are covered each day (equivalent to approximately 1 hour of homework per night.)
- In Transition Math 7/8, the students are expected to read the lesson independently.
- Transition Math 7/8 and Algebra are considered accelerated courses. Students are expected to maintain a B+ average (combined marking period and exam grades) for each semester.
- Algebra taken in 8th grade is for High School credit. Recorded grades will go toward a student's high school GPA.
- Students are required to take 4 years of Math, including Algebra II, in high school to graduate.
- Successful completion of FST prepares students for college Calculus.
- Successful completion of AP Calculus will count as college credit.