

NAME: \_\_\_\_\_

## 7th GRADE MATH CHOICES

### Middle School Math Curriculum

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

### Middle School Math Curriculum

	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 related course or Personal Finance	Functions, Statistics & Probability (FST) or Personal Finance	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 3.667 (A-)
2. Recommendation of Math 6 Teacher (based on grades, timely completion of homework, math skills (multiplication & division tests and attitude towards math))
3. Scores on the M-STEP tests (Math **and** ELA = 4's)
4. End of Year Math 6 Assessment (80%)
5. Desire of student and parents

**I would like to take the following Math class in 7<sup>th</sup> Grade (check one):**

Transition Math 7

Transition Math 7/8

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Date

Return to the Middle School Office.

Please contact Ms. Marttila if you are uncertain where your child will be most successful. If you have additional questions regarding the Middle or High School Curriculum, please contact Mrs. Stier (7th grade math teacher), or Mrs. Scullion (8th grade math teacher), or schedule a time to meet with the Middle School Math Department.

## Understanding the University of Chicago School Mathematics Project (UCSMP)

Houghton Portage Township Schools use the Chicago Math series K-12. The seventh grade uses the Transition Math textbook, which 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. Each lesson in the textbook can be broken up into 4 parts:

1. **Introduction** to the lesson with **examples**.
2. **Covering the Idea (CI) questions**, which can be found in the reading or modeled in the examples.
3. **Applying the Math problems**, which require the students to utilize the information obtained in the lesson to complete additional problems.
4. **Review** problems, which further reinforce the concepts from previous lessons.

### Sample Weekly Assignment

	<b>Transition Math 7</b>	<b>Transition Math 7/8</b>
<b>Monday</b>	Complete 6-1 CI problems	Read 6-1 & complete 6-1 CI/AM/Review problems (possibly do a worksheet in class)
<b>Tuesday</b>	Complete 6-1 AM/Review problems OR 6.1 worksheet	Read 6-2 & complete 6-2 CI/AM/Review problems (possibly do a worksheet in class)
<b>Wednesday</b>	Complete 6-2 CI problems	Read 6-3 & complete 6-3 CI/AM/Review problems
<b>Thursday</b>	Complete 6-2 AM/Review problems OR 6.2 worksheet	Read 6-4 & complete 6-1 CI/AM/Review problems & reiev for 6-1 to 6-3 quiz
<b>Friday</b>	Complete 6-3 CI problems	Quiz 6-1 to 6-3 and Read 6-5 & complete 6-5 CI/AM/Review problems

### Things to Note

- Most (75%) students follow the Transition Math 7 option.
- In Transition Math 7 and Transition Math 8, most lessons are covered in two class periods instead of one.
- In Transition Math 7/8 and Algebra, most lessons are covered in one class period which results in more time required to complete homework outside of class.
- 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 8<sup>th</sup> grade, is for *High School credit*. Recorded grades will go toward a student's high school GPA and will be reported on their High School transcript.
- Students are required to take 4 years of Math (including Algebra II) in high school in order to graduate.
- Successful completion of FST prepares students for college Calculus.
- Successful completion of AP Calculus will count as college credit.