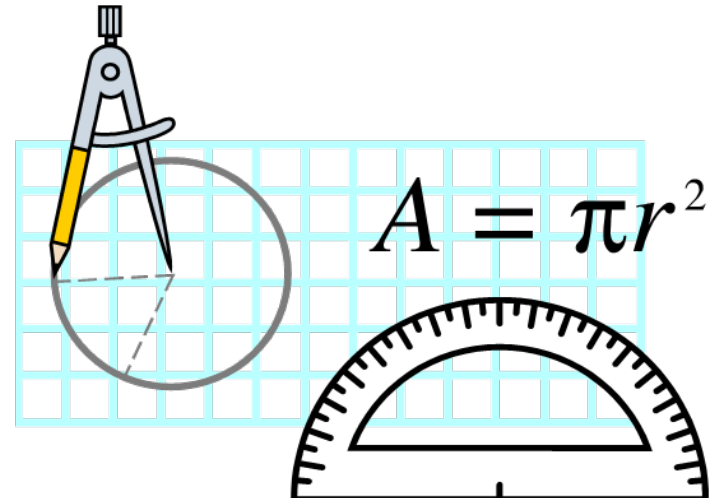
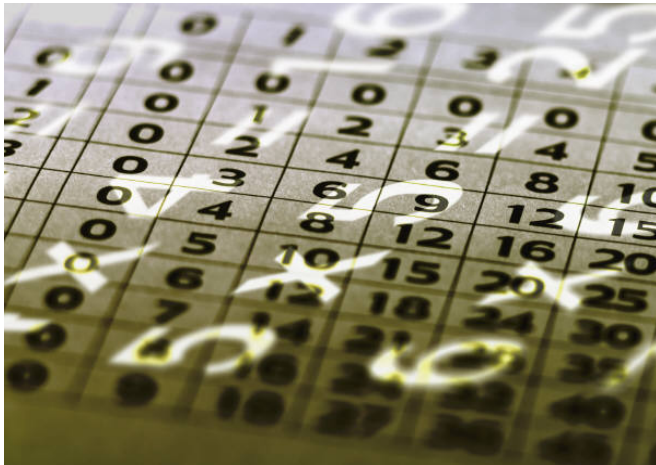
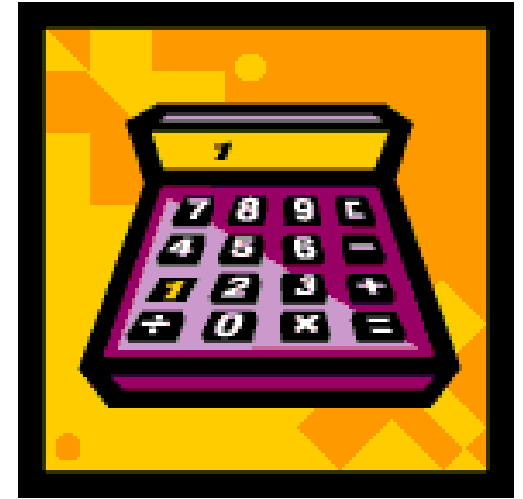
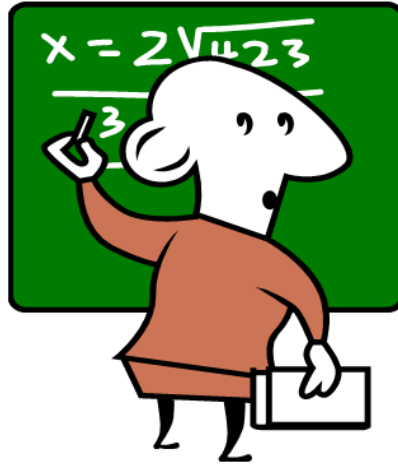
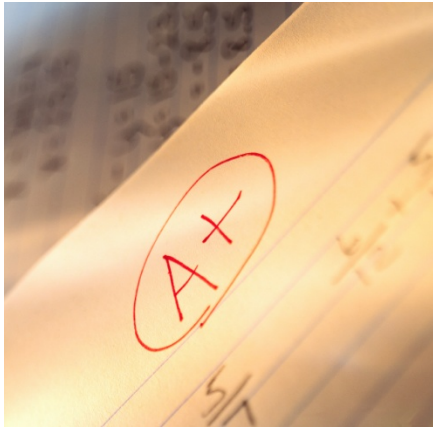


# HMHS Mathematics Department Course Selections



**Entering as a Freshman at HMHS, there are typically three\* math levels at which to begin:**

- **Algebra I**
- **Algebra II**
- **Geometry**
- **(\* LC Math available as arranged in IEP meeting per student needs assessment)**

# Beginning at Algebra I

<u>Year</u>	<u>Course</u>
	Have not yet had Algebra I, or struggle with math and need to revisit Algebra I
<b>Freshman</b>	Algebra I (410)
<b>Sophomore</b>	Discovering Geometry (420)
<b>Junior</b>	Algebra II (430)
<b>Senior</b>	Functions, Statistics, and Trigonometry (“FST”) (440)

# Beginning with Algebra II

<u>Year</u>	<u>Course</u> Okay with Algebra I, best suited with moderate pace of our regular level	<u>Course</u> Completed Algebra I and comfortable with pace of our “advanced” level
<b>Freshman</b>	Algebra II (430)	Adv Algebra II (411)
<b>Sophomore</b>	Discovering Geometry (420)	Adv Geometry (421)
<b>Junior</b>	FST (440)	Adv Prob, Stat, & Trig (431)
<b>Senior</b>	Trig & Intro to Precalculus (441)	Adv Precalculus (442)

# Beginning with Geometry

<u>Year</u>	<u>Course</u> Had Alg I & Alg II, want to continue at our Advanced level (not Accelerated)	<u>Course</u> Had Alg I & Alg II, intend to continue at Accelerated level in the HS curriculum
<b>Freshman</b>	Adv Geometry (421)	Acc Geometry (412)
<b>Sophomore</b>	Adv Prob, Stat, and Trig (431)	Acc Prob, Stat, and Trig (422)
<b>Junior</b>	Adv Precalculus (442)	Acc Precalculus (432)
<b>Senior</b>	Calculus (443) or AP Stat (447)	Calculus (443), AP Stat (447), AP Calc AB (445), or AP Calc BC (446)

**Mathematics Flow Chart 2011 – '12**  
**Graduation Requirements - Three years of Mathematics**

<i>Freshman Year</i>				
Have not yet completed Algebra I or needs to revisit Algebra I	Completed Algebra I; best suited for a moderate paced program	Completed Algebra I; best suited for an advanced paced program	Completed Algebra I and Algebra II; best suited for an advanced level pace	Completed Algebra I and Algebra II; best suited for an accelerated level pace
Algebra I	Algebra II	Advanced Algebra II	Advanced Geometry	Accelerated Geometry
<i>Sophomore Year</i>				
Discovering Geometry	Discovering Geometry	Advanced Geometry	Advanced Probability, Statistics, & Trigonometry	Accelerated Probability, Statistics, & Trigonometry
<i>Junior Year</i>				
Algebra II	Functions, Statistics, & Trigonometry	Advanced Probability, Statistics, & Trigonometry	Advanced Precalculus	Accelerated Precalculus
<i>Senior Year</i>				
Functions, Statistics, & Trigonometry	Trigonometry and Intro to Precalculus	Advanced Precalculus	Calculus AP Statistics	Calculus AP Statistics AP Calculus AB AP Calculus BC