

MATH 7 & MATH 7HN AT THOREAU MS:

WHICH ONE IS RIGHT FOR ME AS A 7TH GRADER?

MATH 7

Course of Study:

- Virginia **Math 7** Standards of Learning
- Focus on fluency with rational numbers, developing proportional reasoning, simplifying expressions and solving equations

The Learning Process:

- Facilitated learning with more teacher generated examples; working towards discovery and independence
- More practice and opportunity for support with the teacher

Assessment of Learning:

- Frequent formative checks for understanding
- Supportive work must be shown for solutions
- Structured review to prepare for assessments
- Combination of multiple choice, open response, and project based

MATH 7 HONORS

Course of Study:

- Virginia **Math 8** Standards **plus extensions**
- Focus on extending proportional reasoning, representations of functions, simplifying expressions and solving multistep equations

The Learning Process:

- Additional standards included for deeper understanding of content
- A different structure and pace! More discovery learning and peer collaboration
- More independence and autonomy

Assessment of Learning:

- Frequent formative checks for understanding
- Supportive work must be shown for solutions
- Structured review to prepare for assessments
- Combination of multiple choice, open response, and project based

SHOULD I CHOOSE MATH 7 OR MATH 7 HONORS?

- Are you consistently prepared for class?
- Do you have strong number sense?
- Do you easily learn new Math concepts?
- Do you often do well on assessments the first time?
- Do you keep trying when you don't understand or get the wrong answer?
- Can you apply things you've learned before to new situations?

If you've checked most boxes, Math 7 HN could be the right choice for you!

Students may be placed in Algebra 1 HN* in 7th grade if they have:

- Completed Advanced Mathematics 6
- Scored above the 91st percentile on the Iowa Algebra Aptitude Test (IAAT)
- Scored above 500 on the VA Math 7 SOL

*ALGEBRA 1 HONORS

Course of Study

- Virginia Algebra 1 Standards plus extensions

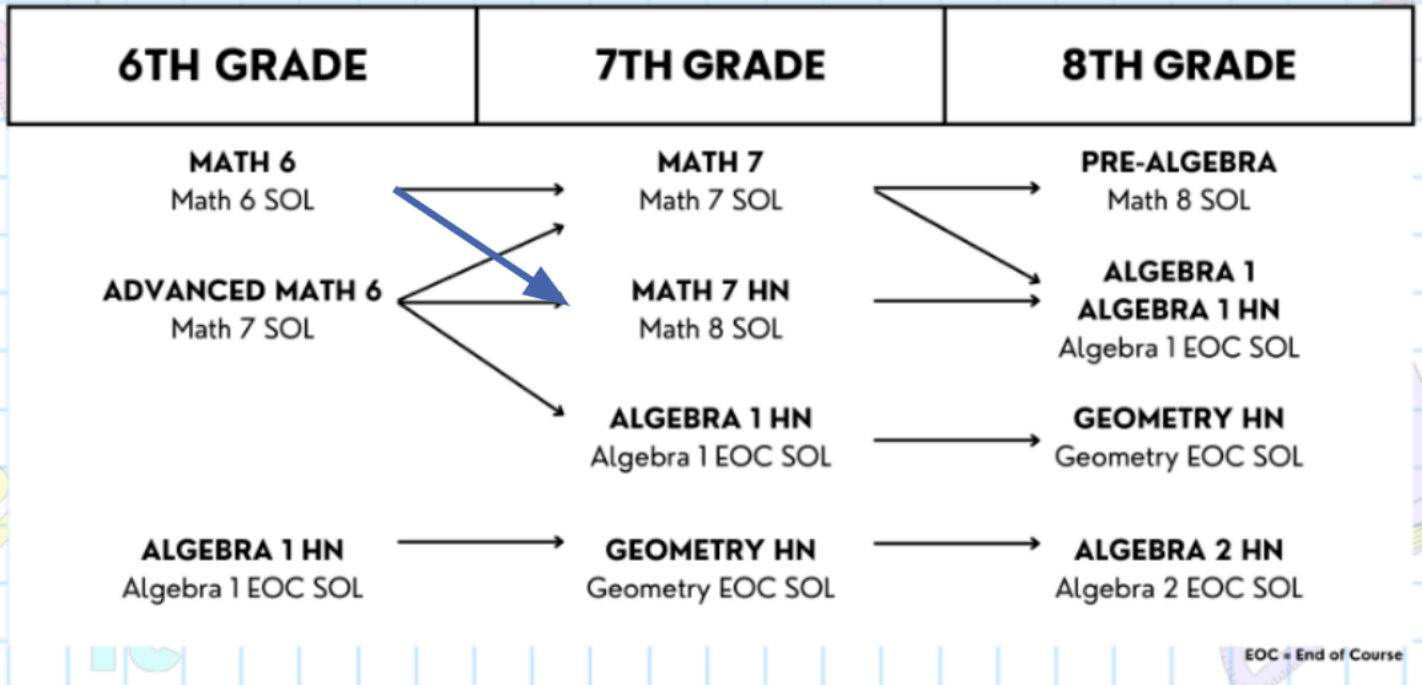
The Learning Process

- Focus on extension of core knowledge and skills. Additional standards included for deeper understanding of content
- Discovery learning expected through peer communication and collaboration
- More demanding homework load that pushes students to apply content to more challenging situations
- A different structure and pace!
- More independence and autonomy

Assessment of Learning

- More rigorous assessments that require greater critical thinking and application of concepts to solve/understand real-world scenarios

MIDDLE SCHOOL MATH PROGRESSION



Math Pathways Grades 6 - 12 (AP)

