

Rocky Run MS Curriculum Night Session 2



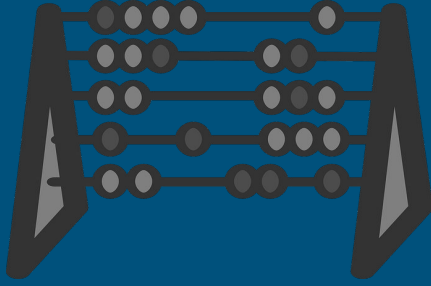
Thursday, January 30, 2020
Lecture Hall

Agenda

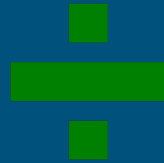
- A Message from Dr. Goodloe
 - MS Math Curriculum: Ms. Robertson
 - Secondary Math Curriculum: Ms. Hornberger
 - World Languages: Mr. Greg Bricker
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A Message from Dr. Goodloe



MS MATH CURRICULUM



Grade 7 Math Course Choices



Math 7	Math 7 Honors	Algebra 1 HN
Survey course with introduction to algebraic concepts. This class normally follows Math 6	Prealgebra course with emphasis on algebraic reasoning. This is the “normal” class to follow Advanced Math 6	High school credit course
	If a student did not have compacted math in 6th grade, they are skipping a year of mathematics and missing content that will be crucial to their success in Math this year and in future courses.	If a student meets the criteria, they can consider taking Algebra 1 HN in 7th grade.
Takes Math 7 SOL	Takes Math 8 SOL	Takes Algebra 1 SOL

~~Can~~ Should my student take Algebra 1 HN in 7th grade?



- Students must meet the criteria:
 - Advanced Math in Grade 6
 - IAAT score at or above 91st percentile (taken in Jan/Feb)
 - Pass advanced score on the Math 7 SOL (500 or above)
- Going from Advanced Math in Grade 6 to Algebra 1 HN skips the Pre-algebra curriculum *covered* in Math 7 Honors. Consider whether or not your child would benefit from one more year of building their confidence and fluency in math before taking high school algebra
- Is the student developmentally ready for abstract thinking? (ask teachers!)
- Students taking Algebra 1 HN should already have mastery of Pre-Algebra skills.

SECONDARY MATH SEQUENCE



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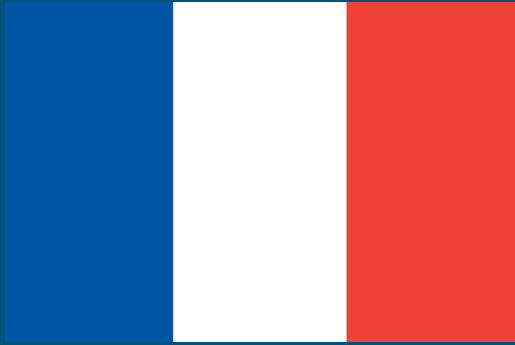


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Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Math 7	Pre-Algebra	Algebra 1/Alg 1 HN**	Geometry	Algebra 2	Precalculus or math elective
	Algebra 1	Geometry/Geom HN	Algebra 2	Precalculus	Calculus AB
	Algebra 1 HN	Geometry HN	Algebra 2 HN	Precalculus HN	Calculus AB or BC
Math 7 HN	Algebra 1	Geometry	Algebra 2	Precalculus	Calculus AB
	Algebra 1 HN	Geometry HN	Algebra 2 HN	Precalculus HN	Calculus AB or BC
Algebra 1 HN*	Geometry HN	Algebra 2 HN	Precalculus HN	Calculus AB or BC	Calculus BC or Multivariable Calculus

- You might want to consider the students overall aspirations in planning middle school math courses
- Appropriate placement is a balance between being challenged and being able to successfully complete the course
- Consult with your child's 6th grade math teacher to help make an informed decision.
- WE WANT OUR STUDENTS TO SUCCEED AT EVERY STEP!!

WORLD LANGUAGE IN MIDDLE SCHOOL



Curriculum Overview - Big Idea

Spanish, French, Latin

- Level 1 high school credit: **any** student, grade 7 or 8
- Level 2 high school credit: students who have Level 1 credit

A Successful Language Student

- Is on grade level or above for Math and Reading
- Has strong work habits and study skills
- Can study independently

FCPS Diploma Guidelines



Standard Diploma

- No language requirements

FCPS Advanced Diploma

- 3 years of 1 language
OR
- 2 years of 2 languages
 - Example:
 - 2 years of Spanish AND 2 years of French

Important to consider:

- Taking a language in 7th grade is **NOT** required.
- Students may need time to adjust to the demands of Middle School.
- Students may prefer to use their 7th grade year to explore other elective opportunities.
- Student interest is a key indicator of success

Teaching Strategies

Comprehensible Input

- Focusing on reading and hearing relevant language
- Communicating through writing and speaking
- Using grammar structures to support acquisition

Technology (FCPSOn)

- Cultural extensions
- Independent practice
- Collaboration

Questions & Answers

