

# Panther Creek High School Math Course Sequences



The **gray-shaded** box indicates the last course the student must complete to satisfy graduation requirements. Courses in **BOLD** indicate a math credit. Courses not in bold indicate elective credit.

## *Typical Sequences for Academic Students under the Future Ready Core*

Year 1		Year 2		Year 3		Year 4
Foundations of NC Math I (Math IA)	<b>NC Math IB</b>	Foundations of NC Math 2	<b>Math 2</b>	<b>NC Math 3</b>		<b>Essentials for College Math (ECM)</b>
<b>NC Math 1</b>		<b>NC Math 2</b>		<b>NC Math 3</b>		<b>Advanced Functions &amp; Modeling (AFM) or Essentials for College Math (ECM)</b>

## *Typical Sequences for Honors Students under the Future Ready Core*

Year 1		Year 2		Year 3		Year 4
<b>NC Math 1</b>		<b>NC Math 2 (Honors)</b>		<b>NC Math 3 (Honors)</b>		<b>Advanced Functions and Modeling (AFM) or Pre-Calculus (Honors)</b>
Math Plus Honors	<b>NC Math 2 (Honors)</b>	<b>NC Math 3 (Honors)</b>		<b>Advanced Functions &amp; Modeling (AFM)</b>		Pre-Calculus (Honors), AP Statistics, ICM (Honors), and/or ECM
Math Plus Honors	<b>NC Math 2 (Honors)</b>	<b>NC Math 3 (Honors)</b>		<b>Pre-Calculus (Honors) and/or AP Statistics</b>		AP Calculus AB/BC, AP Statistics, and/or ICM(Honors)
<b>NC Math 2 (Honors)</b>		<b>NC Math 3 (Honors)</b>		<b>Pre-Calculus (Honors) and/or AP Statistics</b>		AP Calculus AB/BC, AP Statistics, and/or ICM(Honors)
<b>NC Math 3 (Honors)</b>		<b>Pre-Calculus (Honors)</b>		AP Calculus AB	AP Calculus BC	AP Statistics and/or ICM(Honors)

## *Typical Sequences for Students using the Math Substitution Option*

Year 1		Year 2		Year 3		Year 4
<b>Fundamental Math I**</b>	<b>Introductory Mathematics</b>	Foundations of NC Math 1 (Math 1A)	<b>NC Math 1B</b>	Foundations of NC Math 2	<b>NC Math 2</b>	NC Math 3*
<b>Introductory Mathematics**</b>		<b>Foundations of NC Math 1 (Math 1A)</b>	<b>NC Math 1B</b>	Foundations of NC Math 2	<b>NC Math 2</b>	NC Math 3*
<b>Foundations of NC Math 1** (NC Math 1A)</b>	<b>NC Math 1B</b>	<b>Foundations of NC Math 2</b>	<b>NC Math 2</b>	<b>NC Math 3*</b>		<b>ECM*</b>

\*Students are encouraged to continue taking math courses through their senior year, but these courses are not required for graduation.

\*\* Math courses are recommended as substitute courses for Math III and a 4<sup>th</sup> math course beyond Math III; however, certain pairs of CTE courses may also be used to substitute for the two additional math credits. See your counselor for additional information.