

# Graduation Requirements and Course Selection

McAdam High School  
Spring, 2026



# Agenda

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Overview of New Brunswick Graduation Requirements

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Graduation Pathways

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Mathematics Pathways

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Career Life Plan

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Courses by Grade Level



# New Brunswick Graduation Requirements

Graduates must:

- have met the learning requirements prescribed in the Grade 9 curriculum
- successfully completed the English Language Proficiency Assessment (ELPA)
- have a documented Career-Life Plan
- achieved 100 credit hours (including compulsory courses)



Semester courses are now valued at 4 credit hours

Course credits are now accumulated beginning in grade 10

# Grade 9

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Art 9

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English Language Arts 9 (full year)

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Mathematics 9 (full year)

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Music 9

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Personal Wellness 9

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Physical Education 9

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Post-Intensive French 9

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Science 9

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Social Studies 9

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Technology 9



# Career Life Plan

## **Exploring:**

- Complete the five assessments in myBlueprint
- Identify two or more career life pathways of interest
- Identify post-secondary pathways connected to a Career Life Plan

## **Experiencing:**

- Develop resume writing skills
- Develop cover letter writing skills
- Engage in an interview opportunity
- Participate in an authentic Career Connected Experiential Learning opportunity
- Engage in a student-led conference of the completed Career Life Plan

## **Thinking:**

- Create a goal to show preparation for life beyond high school
- Develop an Action Plan to work towards a career pathway
- Develop a Financial Plan that considers life beyond high school

## **Final Interview/Conversation with School Counselor:**

Scheduled in Second Semester of Grade 12 year.

# Compulsory Courses & Requirements

## Language Arts & Languages

*24 credit hours required*

- PIF 10
- ELA 10 Foundational
- ELA 11 Foundational
- ELA 12
- \_\_\_\_\_
- \_\_\_\_\_

## Humanities

*8 credit hours required*

- Civics 10
- \_\_\_\_\_

## Mathematics

*12 credit hours required*

- GMF 10
- NRF 10 or Financial & Workplace 110
- Foundations 110/120 or NBCC ST & WR Math 120 or Financial and Workplace 120

## Sciences

*8 credit hours required*

## Creative Arts

*4 credit hours required*

## Wellness & Physical Education

*4 credit hours required*

## Career-Connected

*4 credit hours required*

## Personalized Well-Being

*\*from the subclusters of: Creative Arts, Wellness & Physical Education, Career & Occupational, Information & Communication Technology, Skilled Trades*  
*8 credit hours required*

## Core Cluster

*8 credit hours required*

## Flexible Credits

*20 credit hours required*

**TOTAL: 100 credit hours**

# Graduation Pathways

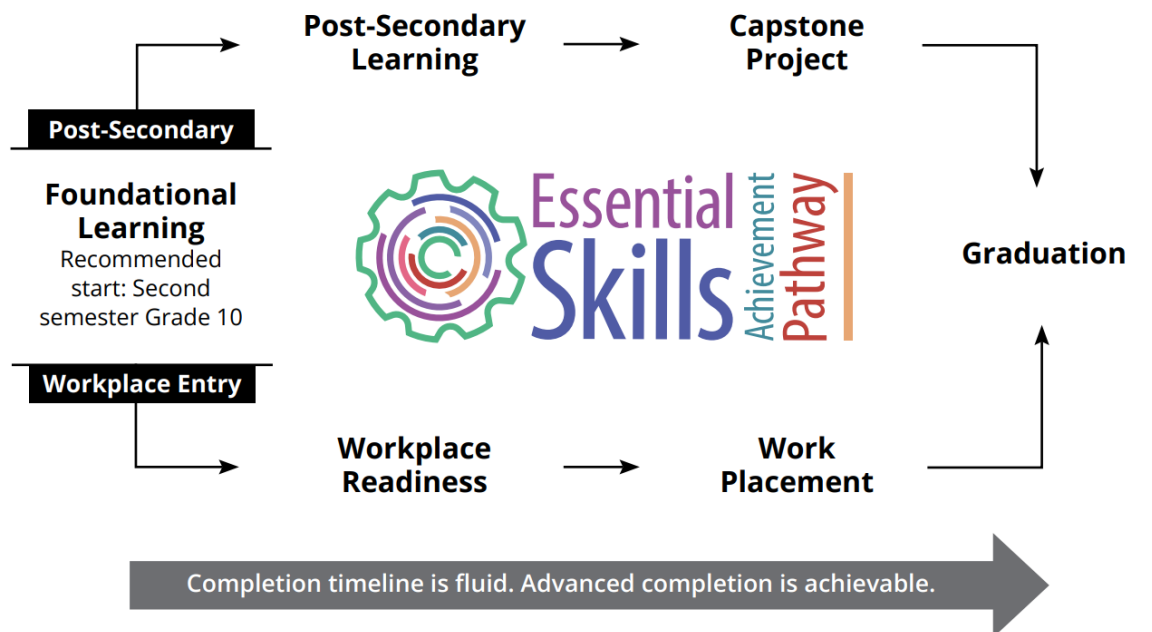
## English Prime

- follow traditional 100 credit hour pathway
- select courses based on post-secondary requirements



## Essential Skills Achievement Pathway

- student driven
- skills-based learning
- experiential learning opportunities





# Mathematics Pathways



GRADE 10	<b>Geometry, Measurement and Finance 10</b> <small>EN/FR</small> <b>Length:</b> One semester <b>Prerequisite:</b> <i>Mathematics 9</i> <b>Topics:</b> Pythagorean Theorem; polygons; angles; trigonometric ratios; metric and imperial systems of measurement; surface area and volume; unit pricing; currency exchange; income (gross and net pay); credit cards; loans; and interest	<b>Number, Relations and Functions 10</b> <small>EN/FR</small> <b>Length:</b> One semester <b>Prerequisite:</b> <i>Mathematics 9</i> <b>Topics:</b> prime factors; common factors; square and cube roots; irrational numbers; integral and rational exponents; polynomial expressions; trinomial factoring; linear relations and functions; slope; distance formula; and midpoint formula	<b>HIGH SCHOOL MATHEMATICS PATHWAYS</b>
	<b>FINANCIAL AND WORKPLACE MATHEMATICS</b> This pathway is organized for students who plan to take post-secondary programs that require applied mathematics or who plan to enter the workforce directly after high school.	<b>FOUNDATIONS OF MATHEMATICS</b> This pathway is organized for students who plan to take post-secondary academic programs that <b>do not require</b> calculus.	
	<b>Financial and Workplace Mathematics 110</b> <small>EN/FR</small>	<b>Foundations of Mathematics 110</b> <small>EN/FR</small>	<b>Pre-Calculus 110</b> <small>EN/FR</small>
	<b>Financial and Workplace Mathematics 120</b>	<b>Foundations of Mathematics 120</b>	<b>Pre-Calculus A 120</b> <small>EN/FR</small>
	<b>NBCC Skilled Trades and Work Ready 120</b>	<b>Pre-Calculus B 120</b>	<b>Calculus 120</b>

# Grade 10

## Compulsory

1. English Language Arts Foundations 10
2. Language Arts and Languages Option 
3. Geometry, Measurement, and Finance 10
4. Civics
5. Career Pathway and Design
6. Science 10
7. Wellness and Physical Education 10
8. Post-Intensive French 10
9. Visual Arts 10
10. Intro. to Skilled Trades 

## Additional Options

- Numbers, Relations, and Functions 10 
  
- Essential Skills Achievement Pathway 

\*\*\*Course offerings at MHS can change at any time depending on FTE allotment, staffing, and student enrollment.

# Grade 11 & 12

## Compulsory

1. English Language Arts Foundational 11
2. Language Arts and Languages Option
3. English Language Arts 12
4. Mathematics Option
5. Humanities Option
6. Science Option
7. Personalized Wellbeing Choice 1
8. Personalized Wellbeing Choice 2

## Additional

- 2 Core Cluster Courses
- 5 Flexible Credits
- 5 Electives
  - Or 4 depending on Mathematics Option

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Questions?

