K. Sears

Math 9A
(Semester 1)
Periods 4 & 5

Math 9B
(Semester 2)
Periods 5

WELCOME

Blue & Gold
Pulamoo

MVHS Grades 9-12 Alternating Schedule | 2020 - 2021

September 2020						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	Staggered entry				12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October 2020						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November 2020						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December 2020						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

January 2021						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

No school for students	
Blue	Group A-L
Gold	Group M-Z
Assessment Week	

Semester One		Semester Two	
Blue	41 at-school days	Blue	39 at-school days
Gold	40 at-school days	Gold	41 at-school days

Note: The calendar will remain the same when there is a school cancellation due to weather.

Blue & Gold
Pulamoo

		February 2021				
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

		March 2021				
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

		April 2021				
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

		May 2021				
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

		June 2021				
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

No school for students

Blue — Group A-L

Gold — Group M-Z

Assessment Week

	Semester One			Semester Two	
Blue	41 at-school days		Blue	39 at-school days	
Gold	40 at-school days		Gold	41 at-school days	

Note: The calendar will remain the same when there is a school cancellation due to weather.

Operational Plan

CLASSROOM RULES

#1

Absolutely no cell phones, ipods, etc........

#2

No hats, hoodies in classroom

MVHS HAT POLICY

Hats are not permitted to be worn in classes, offices, labs or theatres at MVHS. Students can however wear hats in the hallways and gathering areas outside of instructional time. There may be special circumstances where teachers ask students to remove hats while outside of one of these areas (ie: special assemblies in the gym) and the expectation is students will comply.
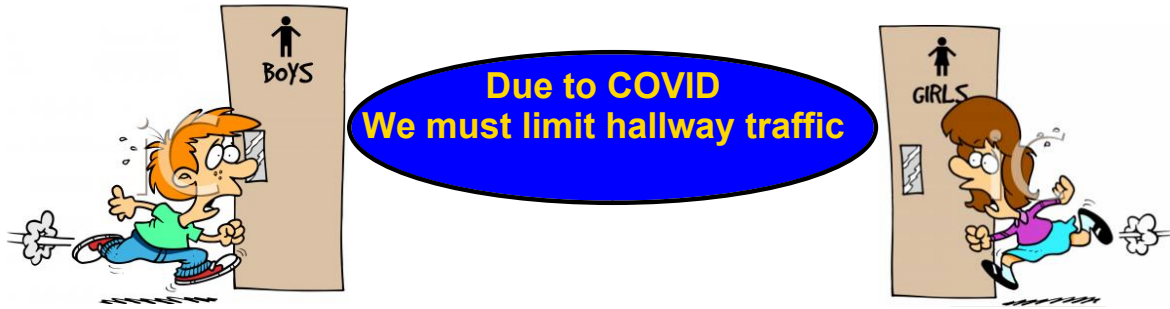
#3

A mask MUST be worn at all times in the hallway, so in order to leave the classroom you MUST wear a MASK

#4

Limited bathroom/drink break during class time.

Due to COVID
We must limit hallway traffic

Due to COVID

1) Students will need to bring their own Water Bottle

2) No locker visit in between or during class

#5
Respectful

☐ **Respect Yourself**
be honest   set goals
do your best make a difference believe in yourself be prepared
participate   have a positive attitude

☐ **Respect Others**
be understanding
wait your turn work together be nice
Stay on task work quietly listen

☐ **Respect Our School**
be safe   raise your hand
follow directions
pick up after yourself   follow school rules

#6

Come to class prepared,
willing and able to work.

With COVID it is extremely important to be
doing your assigned work at home.

Remember

BELL SCHEDULE

8:25	Warning Bell
8:30 Warning Bell	
8:30 - 9:35	Period 1
9:44 Warning Bell	
9:45 -10:50	Period 2
10:59 Warning Bell	
11:00 - 12:05	Period 3
12:05- 12:55	Lunch
12:50	Warning Bell
12:54 Warning Bell	
12:55 - 2:00	Period 4
2:09 Warning Bell	
2:10 - 3:15	Period 5

Teacher's Page

Go to MVHS website
http://mvhs.nbed.nb.ca/

Steps:

1) Click on Teacher's Pages (on top of page)
2) Click on my name "K. Sears"

This is where you will get my daily lessons and assignment

Microsoft Teams

An electronic device and Internet access is need for this. You will also need your student e-mail and password

Steps:

1) Sign into Microsoft Office
2) If you have a iphone, download the "

If you can bring your device to school, we will have a training session on this

Math Marks

March 16, 2016
Chapter 6 Test; Solving Equations & Inequalitie
Tests/Quizzes/Assignm
100 points

ID	Points	Percent
0001	92	92%
0031	78	78%
0218	62	62%
0418	92	92%
0713	73	73%
1218	98	98%
1311	91	91%
1324	60	60%
1412	100	100%
1710	77	77%
1738	96	96%
1738	82	82%
2001	94	94%
3769	22	22%
4551	92	92%
4565	70	70%
5201	68	68%
5277	98	98%
6166	78	78%
6430	74	74%
7242	100	100%
7655	70	70%
8080	64	64%
8787	85	85%
8823	94	94%
9885	82	82%

September 1, 2016
Period 2: Math 9 (Sem 2)
M. Burns

ID	Points	Possible	Term
0001	547.5	602	88%
0031	384	602	62%
0218	369.5	602	60%
0418	513	602	84%
0713	453	602	74%
1218	586.5	602	98%
1311	563	602	93%
1324	408.5	602	64%
1412	593	602	98%
1710	398	602	61%
1738	514	602	82%
1738	522.5	602	84%
2001	564	602	93%
3769	167.3	552	24%
4551	530.5	602	81%
4565	397.5	602	65%
5201	414	602	70%
5277	598	602	98%
6166	502.5	602	85%
6430	532	602	88%
7242	568.5	602	93%
7655	362.3	602	60%
8080	371.5	602	60%
8787	507	602	83%
8823	500	602	83%
9885	216	528	41%

MIRAMICHI VALLEY HOME PAGE LOOKS LIKE THIS

Miramichi Valley High School
345 Mckenna Ave. Miramichi, NB, E1V 3S9
Tel: 506 627-4083 Fax: 506 622-2977

| Home | News | Teacher Pages | Sports | Clubs | Staff | Pulamoo Gear | School Documents | District 16 Home |

Quick Links

- School Profile
- School Plan
- Image Galleries
- Library
- Videos
- First Nations
- Mathematics Department
- MVHS Weather Station
- Teacher Email
- Student Email
- Current Marks
- Graduation/Scholarships
- Help Desk
- NBED Portal
- RSS Feeds
- Department of Education

Daily Lessons

LAST ANNOUNCEMENTS OF THE YEAR!!!!!!!!

00:00   00:00

Announcements Archive

August

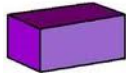| S	M	T	W	T	F	S
	1	2	3	4	5	
7	8	9	10	11	12	1
14	15	16	17	18	19	2
21	22	23	24	25	26	2
28	29	30	31			

Course Outline
Mathematics 9

Semester 1

Chapter 3:

Rational Numbers

What is a Rational number?- decimal / fraction form

Compare and order

Irrational number

Adding Rational Numbers – decimal, improper and mixed form

Problem solving

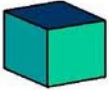Subtracting Rational Numbers –decimal, improper and mixed form

Problem solving

Mid-Unit Review

Multiplying Rational Numbers – decimal, improper and mixed form

Problem solving

Dividing Rational Numbers – decimal, improper and mixed form

Problem solving

Order of Operations – decimals, improper and mixed form

Problem Solving

Review/Test

Course Outline
Mathematics 9

Chapter 1:

Square Roots and Surface Area:

Perfect Squares - including rational numbers

Non-Perfect Squares – estimate (number line) / calculator

Pythagorean Theorem

Surface Area – cubes, rectangular prisms, cylinders, triangular prisms

Combinations of above objects

Review/Test

Course Outline
Mathematics 9

Chapter 2:

Powers and Exponent Laws:

Power $\{$ 2^3 ← exponent

base

What is a Power?

Olivia^0 = 1

Powers of 10 and Zero Exponents

Order of Operations with Powers

Mid –Unit Review

Strategies to help simplify expressions with Powers

Exponent Laws 1 – Product of powers

$(2 \times 7 + 5)^0 = 1$

Quotient of powers

Order of Operations
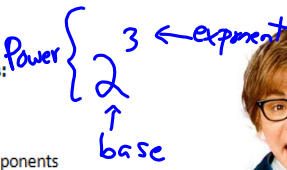
Exponent Laws 2 – Power of a Power

Power of a product

Power of a quotient

Order of Operations

Review/Test

$2^0 = 1$

$2^1 = 2$

$2^2 = 4$

$2^3 = 8$

Course Outline
Mathematics 9

Polynomials: Chapter 5:

Modeling Polynomials - (Algebra tiles)

term/coefficient/degree/constant/monomial/binomial/trinomial

Like Terms & Unlike Terms - simplified form/zero pairs/perimeter with polynomials

$2x + 3x = 5x$ $x^2 + 2x$ $3x^2 + 4x^2 = 7x^2$

Adding Polynomials - sum of binomials/perimeter

Subtracting Polynomials - subtract monomials/binomials/trinomials

Mid-Unit Review

Multiplying and Dividing a Polynomial by a Constant - binomial or trinomial by constant

Multiplying and Dividing a Polynomial by a Monomial

Review/Test

Course Outline
Mathematics 9

Semester 2

Chapter 6:

Linear Equations and Inequalities:

Solving Equations with Inverse Operations - Variables on one side

Solving Equations by Using Balance Strategies -

Variables on both sides/Rational Coefficients/Word Problems

Mid -Unit Review

Intro to Linear Inequalities - (<, >, ≤, and ≥) Graphing/Finding Solutions

Solving Linear Inequalities by Using Addition and Subtraction

Solving Linear Inequalities by Using Multiplication and Division - One-Step or Multi-Step

Review/Test

$$2n + 1 = 6$$
$$2n + 1 - 1 = 6 - 1$$
$$\frac{2n}{2} = \frac{5}{2}$$
$$n = \frac{5}{2}$$

$$x \geq 4$$
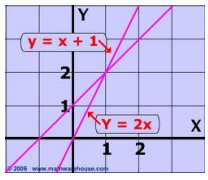
Course Outline
Mathematics 9

Chapter 4:

Linear Relations

Writing Equations to Describe Patterns – Written pattern
　　　　　　　　　　(Written explanation)
　　　　　　　Oral pattern
　　　　　　　　　(Sign/visual information)
Technology (spreadsheet)
Linear Relations – Analyze linear graph
　　　　　Dependent / Independent Variables
　　　　　Graphing using a- table of values
　　　　　　　-equation
　　　　　Problem Solving

$y = x + 1$
$Y = 2x$

Another Form of the Equation for linear equations – Horizontal lines (y=5)
　　　　　　　　　　Vertical lines (x=7)
　　　　　　　　　　Oblique lines (ax+by=c)
Mid-Unit Review
Matching Equations and Graphs
Using Graphs to Estimate Values – interpolation
　　　　　　　　-extrapolation
Technology
Review / Test

Course Outline
Mathematics 9

Chapter 7:

Similarity and Transformations

What Should I Recall? (Page 316-317)

Isosceles Triangle/perpendicular bisector/Pythagorean Theorem/Angle sum of Triangle/
        Congruent/line of symmetry

Scale Diagrams and Enlargements - Scale Factor
                        Drawing Scale Diagrams

Scale Diagrams & Reductions - decimal, improper and mixed form

Problem solving
        Subtracting Rational Numbers - Drawing Scale Diagrams
         Proportional
         Using Scales to determine missing lengths
        Similar Polygons - Similar
                        Corresponding Angles &Corresponding Sides
                        Properties of Similar Polygons
                        Drawing Similar Polygons
                        Solving Problems Using the Properties of Similar Polygons

Similar Triangles - Properties of Similar Triangles
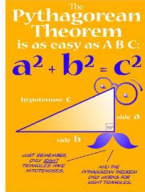
Mid-Unit Review

Reflections & Line Symmetry - Symmetry in Tessellations
                        Line of Symmetry & Line Reflection

Rotations & Rotational Symmetry - Rotational Symmetry/Rotational Order
                        Angle of Rotation symmetry
                                Drawing Rotation Images

        Identifying Types of Symmetry on the Cartesian Plane

        Review/Test

Course Outline
Mathematics 9

Chapter 8:

Circle Geometry

Properties of Tangents to a circle - Tangent / Point of Tangency
                        Tangent and Radius Property
                        Pythagorean Theorem

Properties of Chords in a Circle - Chord/Diameter/Perpendicular Bisector

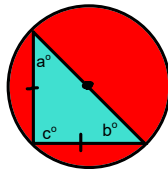 Perpendicular to Chord Property 1
                Perpendicular to Chord Property 2
                Perpendicular to Chord Property 3

Verifying the Tangent and Chord Properties (page 400-401)

Mid-Unit Review

Properties of Angles in a Circle - arc/major arc/minor arc
                        Inscribed angle/Central Angle/ Subtended
                        Central Angle and Inscribed Angle Property
                        Inscribed Angles Properties
                        Angles in a semicircle Property

Review / Test

Course Outline
Mathematics 9

Chapter 9:

Probability and Statistics

Probability in Society - Assumptions and Predicted

Potential Problems with Collecting Data - (Bias/ Language /Timing/Privacy...)

Using Samples and Populations to Collect Data- Populations/Census/Sample/
Valid Conclusions

Mid-Unit Review

Selecting a Sample - Simple Random/Self-Selected/Systematic or interval/
Convenience/Cluster/Stratified Random

Designing a Project Plan - Your own survey

Review/Test

Marking Scheme

Test/Quiz & Assignments	**80%**
Demonstration of Learning	**20%**

Course Outline
Mathematics 9

Mathematics 9

The curriculum document can be accessed here / Le programme d'études est accessible ici.

Required Outcomes	Remaining Outcomes
N1: Demonstrate an understanding of powers with integral bases (excluding base 0) and whole number exponents by: representing repeated multiplication using powers; using patterns to show that a power with an exponent of zero is equal to one; solving problems involving powers.	**N4:** Explain and apply the order of operations, including exponents, with and without technology.
N2: Demonstrate an understanding of operations on powers with integral bases (excluding base 0) and whole number exponents.	**N6:** Determine an approximate square root of positive rational numbers that are non-perfect squares.
N3: Demonstrate an understanding of rational numbers by: comparing and ordering rational numbers; solving problems that involve arithmetic operations on rational numbers.	**PR4:** Explain and illustrate strategies to solve single variable linear inequalities with rational coefficients within a problem-solving context.
N5: Determine the square root of positive rational numbers that are perfect squares.	**PR5:** Demonstrate an understanding of polynomials (limited to polynomials of degree less than or equal to 2).
PR1: Generalize a pattern arising from a problem-solving context using linear equations and verify by substitution.	**SS1:** Solve problems and justify the solution strategy using circle properties, including: the perpendicular from the centre of a circle to a chord bisects the chord; the measure of the central angle is equal to twice the measure of the inscribed angle subtended by the same arc; the inscribed angles subtended by the same arc are congruent; a tangent to a circle is perpendicular to the radius at the point of tangency.
PR2: Graph linear relations, analyze the graph and interpolate or extrapolate to solve problems.	
PR3: Model and solve problems using linear equations. pictorially and symbolically.	**SS5:** Demonstrate an understanding of line and rotation symmetry.
PR6: Model, record and explain the operations of addition and subtraction of polynomial expressions, pictorially and symbolically (limited to polynomials of degree less than or equal to 2).	**SP1:** Describe the effect of: bias; use of language; ethics; cost; time and timing; privacy; cultural sensitivity on the collection of data.
PR7: Model, record and explain the operations of multiplication and division of polynomial expressions (limited to polynomials of degree less than or equal to 2) by monomials, pictorially and symbolically.	**SP2:** Select and defend the choice of using either a population or a sample of a population to answer a question.
SS2: Determine the surface area of composite 3-D objects to solve problems.	**SP3:** Construct, label, and interpret histograms to solve problems.
SS3: Demonstrate an understanding of similarity of polygons.	**SP4:** Develop and implement a project plan for the collection, display and analysis of data by: formulating a question for investigation; choosing a data collection method that includes social considerations; selecting a population or a sample; collecting the data; displaying the collected data in an appropriate manner drawing conclusions to answer the question.
SS4: Draw and interpret scale diagrams of 2-D shapes.	
	SP5: Demonstrate an understanding of the role of probability in society.

Student Handbook

STUDENT HANDBOOK
2020-2021

Please refer to the MVHS Operational Plan and the
EECD Return to School Document. Both can be found
on our website.

MISSION STATEMENT
Miramichi Valley High School will prepare all
students to be life-long learners, responsible citizens
and open-minded adults by providing, in a safe and
inviting environment, the knowledge and skills
**_necessary for success in the world of tomorrow._**

Mr. Shawn Wood, Principal
Mrs. Mary Lou Hudson, Vice Principal
Mr. Scott Jamieson, Vice Principal

345 McKenna Avenue
Miramichi, N.B.
E1V 3S9

10 Lessons I Want to Instill in My Kids

If you made a mistake, apologize.
If you're thankful, show it.
If you're confused, ask questions.
If you learn something, teach others.
If you're stuck, ask for help.
If you're wrong, fess up.
If you love someone, tell them.
If you trip, get back up.
If someone needs help, help them.
If you see wrong, take a stance.

WORDS TO LIVE BY
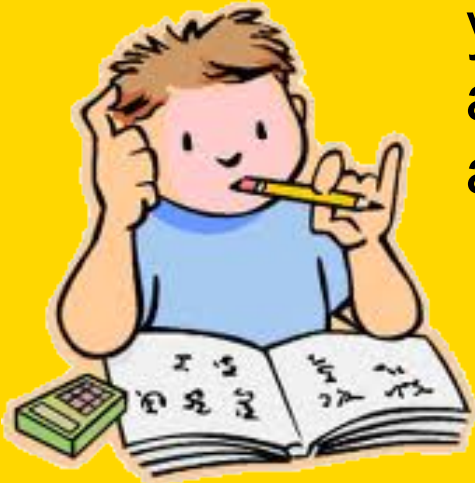
"If you always do what you always did, you'll always get what you always got."

(Henry Ford)

Attachments

student_handbook_2020-2021.doc

MV 2020 Operational Plan to discuss with students.notebook