

Grade 9 Math Course Outline 2013-2014

Instructors –Mr. D. Vendramin and Miss K. Wilkinson

E-mail - d.vendramin@rcsd.ca

Wiki – math9-oneil.wikispaces.com

Text Books -Math Links 9 and Burt Thiessen 9

As your teacher, I am committed to providing a safe and judgment free classroom. I am also committed to assisting you in being successful in this class. Please feel free to ask questions and set up a time to see me if you are having difficulty. Communication is key in succeeding in this class. It is my goal to help each and every student achieve success. I look forward to working with you this year!
-Miss Wilkinson

What are We Going to Learn?

- Fractions and Rational Numbers
- Squares and Square Roots
- Exponent Laws
- Polynomials
- Linear Equations
- Solving Inequalities
- Linear Relations
- Symmetry and Surface Area
- Circle Geometry
- Data Analysis

Evaluation Breakdown

Semester 1

Ch. 2 Reviewing operations with integers, Operations with rational numbers	5%
Ch. 3 Exponents – all operations with exponents, including zero and negative exponents	5%
Ch. 5 Intro to polynomials, addition and subtraction of polynomials	4%
Ch. 7 Multiplying and dividing polynomials, including binomials and binomials squared	5%
Ch. 8 Solving equations, including those with multiple steps, fractions & decimals	5%
Ch. 9 Solving inequalities	3%
Intro to Problem Solving (words to variables), including numbers, age, money and shapes	
	(Coursework- 2%)
Mid-Term Exam (Semester 1 Final Exam)	7.5%

Semester 2

Ch. 6 Linear relations	4%
Ch. 1 Symmetry & Surface Area	3%
Ch. 4 Scale Factor & Similarity	3%

Ch. 10 Circle Geometry	3%
Ch. 11 Data Analysis	3%
First Nations Project	2%
Intro to Factoring – GCF, Difference of squares, trinomials with 1x2 and GCF with 1x2	(Coursework- 3%)
Review of Equations work as time allows	
Final Exam (Semester 2 Final Exam)	7.5%

Coursework (for both semesters combined): 40%

Problem solving	2%
Factoring	3%
Homework/Bell Work	20%
Quizzes	15%

Unit Exams (for both semesters combined): 45%

Final Exams(for both semesters combined) : 15%

Total 100%

Student Expectations and Classroom Guidelines:

- You are expected to come to class on time with all the necessary materials, for example your agenda and math notebook/binder.
- You will be provided a “need to know” checklist at the beginning of each unit. It is your responsibility to ensure that you understand each of the points on the checklist before writing the unit test.
- You are expected to adhere to and comply with the rules and regulations of the school (ex school dress code / cell phone usage)
- You are expected to carry yourself with a Christian attitude (ex: positive, respectful, and Christ like)
- You are expected to complete all assignments and hand them in on time.
- There will always be an opportunity for work to be redone. No one is perfect and mistakes happen- we learn best from our mistakes. You are responsible to make the arrangements for the test or assignment to be redone.
- You are responsible for any work or tests missed due to absences. You must complete all the missed work and/or make arrangements to rewrite the test within one week of their return.
- You are expected to treat each other, the classroom, any technology and myself with respect at all times.
- Much of this class will be taught using technology and will be used as a tool for learning. You will not be evaluated on the use of technology, instead you will be evaluated on the information and content you learn. A student will not be penalized for not being ‘good’ at using technology and / or not having technology If a student abuses this privilege of learning in this manner alternative assignments may be arranged