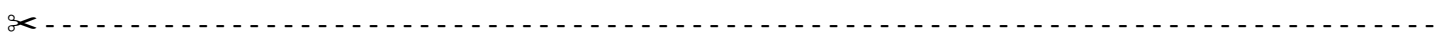


Mathematics 8 Remedial (Summer 2018)

Teacher:	Mr. Colin Kam														
E-mail:	ckam@vsb.bc.ca	Room:	Van Tech Rm 606 (Tech Wing)												
Website:	kamsensei.com/math8	Time:	8:00 – 10:00 / 10:20 – 12:20												
Textbook:	MathLinks 8 (McGraw-Hill, 2008)	Textbook No:													
Prerequisite:	One of the following must apply: <ul style="list-style-type: none"> Students who obtained a final mark less than 50% in Math 8 and does not have "NOT RECOMMENDED FOR SUMMER SCHOOL" Students who were recommended in writing by their home-school teacher or principal to take summer school (i.e. comment in report card or letter of recommendation) 														
Curriculum:	The remedial course covers at least 60% of the Mathematics 8 curriculum as prescribed by the Ministry of Education: https://curriculum.gov.bc.ca/curriculum/mathematics/8 <u>Major Topics – Covered in Class:</u> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1. Squares and Square Roots (ch.3)</td> <td style="width: 50%;">7. Multiplying and Dividing Integers (ch.8)</td> </tr> <tr> <td>2. Ratios and Proportions (ch.2)</td> <td>8. Linear Equations (ch.10)</td> </tr> <tr> <td>3. Decimals, Fractions and Percents (ch.4)</td> <td></td> </tr> <tr> <td>4. Multiplying and Dividing Fractions (ch.6)</td> <td><u>Not Covered in Class (Still on Exam):</u></td> </tr> <tr> <td>5. Volume (ch.7)</td> <td>1. Data Representation (ch.1)</td> </tr> <tr> <td>6. Surface Area (ch.5)</td> <td>2. Linear Relationships (ch.9)</td> </tr> </table>			1. Squares and Square Roots (ch.3)	7. Multiplying and Dividing Integers (ch.8)	2. Ratios and Proportions (ch.2)	8. Linear Equations (ch.10)	3. Decimals, Fractions and Percents (ch.4)		4. Multiplying and Dividing Fractions (ch.6)	<u>Not Covered in Class (Still on Exam):</u>	5. Volume (ch.7)	1. Data Representation (ch.1)	6. Surface Area (ch.5)	2. Linear Relationships (ch.9)
1. Squares and Square Roots (ch.3)	7. Multiplying and Dividing Integers (ch.8)														
2. Ratios and Proportions (ch.2)	8. Linear Equations (ch.10)														
3. Decimals, Fractions and Percents (ch.4)															
4. Multiplying and Dividing Fractions (ch.6)	<u>Not Covered in Class (Still on Exam):</u>														
5. Volume (ch.7)	1. Data Representation (ch.1)														
6. Surface Area (ch.5)	2. Linear Relationships (ch.9)														
Materials:	Students are expected to bring the following items to each and every class: <ul style="list-style-type: none"> Pencils (at least 2), Eraser and Ruler Binder and Paper (Notebook is acceptable but with extra loose-leaf paper) Calculator (NO PHONES IN CLASSROOM. NO EXCEPTIONS.) 														
Expectations:	To keep the classroom safe and running smoothly, <ol style="list-style-type: none"> Come to class with the right attitude!!! This means come to class on time, finish all your assignments, bring all your books and materials, calm down and get ready to learn before class. Remind yourself why you are here and what you should be doing. 😊 NO PHONES in the classroom. Not even listening to music, not even quickly checking a text, not even charging. They are distracting to you and they will be confiscated on sight. (Use outside of classroom is OK.) Keep the classroom clean (and this includes language). NO FOOD and NO GUM during class. Ask before leaving the room. Then take the hall pass but do not disturb other classes or abuse this privilege. Only one person may leave the classroom each time. Be a positive role model for others. Participate in a positive manner. Work hard in class, play hard after. Fun isn't the purpose but rather the result of learning! 😊 Failure to meet these expectations will result in natural and logical consequences.														
Evaluation: Grade Scale: C: 60 – 100%* C-: 50 – 59% F: 0 – 49% * Maximum final grade is 63% for remedial classes.	Homework Check – 5%	Parents are required to sign the student's homework log after student has shown the parents the completed work including CORRECTIONS. Teacher will randomly check homework log and assignments.													
	Daily Quizzes – 75%	Students are expected to write a 5-mark quiz each day based on class examples and homework assignments. Emphasis will be placed on the concepts from the previous class but may occasionally cover other previous sections. Those who miss the quiz regardless of circumstance (late, illness, vacation, etc.) will receive zero. Only one quiz with the lowest mark will be dropped at the end of the course.													
	Final Exam – 20%	Created by the school board, the final exam will be a fully multiple-choice exam to be taken on the last day of summer school. The exam will cover the ENTIRE Math 8 curriculum. Those who have obtained 80% or higher prior to the exam do not need to write the final exam.													



Dear Parent or Guardian,

I will ask that you and your child review this course syllabus that outlines the curriculum and behavioral expectations. Despite my best efforts to help your child in class, your child may need additional support at home especially because of the scaffolding nature of math and the fast-pace nature of summer school. This means that new math concepts are built upon previous concepts. For example, if your child struggled with adding and subtracting fractions in Grade 6/7, then your child would likely struggle with multiplying and dividing fractions in Math 8. If this is the case, a one-on-one tutor is recommended. In addition, because parental involvement is a key to your child's success, I will ask that you sign your child's homework log each night after your child has completed, made corrections, and shown you the assignments. If you and your child agree to comply with these expectations, please print your names below and have your child return this slip to the teacher. Please do not hesitate to contact me if you have any questions.

Sincerely,
Mr. Kam (ckam@vsb.bc.ca)

Child: _____ (Print)

Parent/Guardian: _____ (Sign)

E-mail/Phone: _____

Homework Log

Student Expectations:

1. **Complete your assignments without a calculator.** Only use a calculator to check (or if the problem explicitly says so). Note: you will not be using a calculator on the quizzes nor the final exam.
2. **Check your answers** in the back of the book and **make corrections** by redoing the problem. If you are stuck, ask somebody at home or another classmate for help. If you are still stuck, ask the teacher the next day. Get your parent or guardian to sign.
3. **Read the next sections** so you know what is going on next class!

Parent (or Guardian) Expectations:

1. Expect your child should **spend 1 to 2½ hours each night** on the practice problems, corrections and assigned readings. The environment should be free of distractions (e.g. phones, TV, loud noises) with a 5-minute break after 45 minutes of work.
2. **Quiz your child** on one to three questions from the assigned problems once finished; this is optional but recommended.
3. Sign or initial after your child has **completed the assignment and made corrections.**
4. If your child is struggling, consider additional learning support for your child as soon as possible. Summer school is fast paced and your child needs to solid foundation in order to succeed in this and future math courses.

Date	Topics	Practice Problems	Parent Initials	Quiz Mark: ___ / 5
1 – July 9	Squares and Square Roots	3.1 # 7-19, 23, 25 // 3.3 # 4-11a, 12, 15 Bring Report Card and Picture ID.		
2 – July 10	Pythagorean Theorem	3.2 # 12, 13, 18 // 3.4 # 1-9, 11-13 3.5 # 3-4, 7-13 odd		
3 – July 11	Ratios, Rates and Proportions	2.1 # 6, 8, 12-15 // 2.2 # 4-6, 8-12 2.3 # 6, 8-14, 22, 27		
4 – July 12	Fractions, Decimals and Percents	4.2 # 4-14 4.1 # 4-5, 9, 12		
5 – July 13	Week 1 Review*			
6 – July 16	Percent of a Number	4.3 # 4-10, 13 4.4 # 4-11, 13		
7 – July 17	Multiplying Fractions	6.1 # 7-9 // 6.3 # 5-12, 14-15 6.4 # 6-9 no model, 13-15, 20, 21		
8 – July 18	Dividing Fractions	6.2 # 5, 10, 12 // 6.5 5-10 (no model) Supplemental Worksheet		
9 – July 19	Fractions with BEDMAS	6.6 # 4-9 // Supplemental Worksheet		
10 – July 20	Adding and Subtracting Integers; Week 2 Review*	Supplemental Worksheet		
11 – July 23	Multiplying and Dividing Integers	8.2 # 7-11, 20-22, 25 // 8.4 # 7-10, 17- 18, 22 // 8.5 # 4-11, 13, 15, 20-22		
12 – July 24	Linear Equations, Pt.1	10.1 # 13, 14, 17, 18, 27 10.2 # 9-10, 12-16		
13 – July 25	Linear Equations, Pt.2	10.3 # 10-11, 14-16 10.4 # 6-9 no model, 11, 13, 16		
14 – July 26	Volume of Prisms, Pt. 1	7.1 # 5-7, 10-12, 17 7.2 # 4-10 ac // 7.3 # 4-7 ac, 8, 12, 14		
15 – July 27	Week 3 Review*			
16 - July 30	Net Diagrams	5.1 # 3, 5, 9 5.2 # 3, 4, 7, 12, 13		
17 – July 31	Surface Area of Prisms	5.3 # 3-10 5.4 #4-6, 8-9, 11		
18 – Aug 1	Volume of Prisms, Pt.2; Week 4 Review*	7.4 # 3-7		
19 – Aug 2	Cumulative Review	Study for Final Exam Practice Test Corrections		
20 – Aug 3	Final Exam	Enjoy the rest of summer! ☺		

* Supplemental assignments to be determined based on student and classroom needs.

