

Math 9C

COURSE SYLLABUS

2019 - 2020

Ms. Kyla Rae

CLASSROOM:	129
CLASS TIME:	Day 1,: Period 3 Day 2: Period 1, 6 Day 3: Period 3 Day 4: Period 4 Day 5: Period 4
EMAIL ADDRESS:	krae@hpsd.ab.ca
WEB PAGE:	http://prjh-krae.weebly.com

A. DESCRIPTION:

This year, you will learn about different aspects of geometry such as symmetry, transformations, and shapes, including how to find area, perimeter and angles within shapes. You will also work with different aspects of numbers such as fractions, decimals, percents and rates. Finally will discover how to represent patterns using pictures, graphs and formulas, as well as how to interpret graphs.

B. COURSE TOPICS:

- Unit 1: Symmetry, Area and Constructing Shapes
- Unit 2: Understanding Numbers
- Unit 3: Coordinate Grids and Transformations
- Unit 4: Metric and Imperial Measurements
- Unit 5: Linear Relations
- Unit 6: Using Formulas
- Unit 7: Strategies to Solve Problems
- Unit 8: Circles, Angles and Triangles
- Unit 9: Using Data

C. TEXTBOOK AND REQUIRED SUPPLIES:

Please ensure that you bring the following materials to class every day.

- Interactive Notebook
- Pencil
- Calculator

D. GRADING PLAN

HOMEWORK: You are expected to complete each homework assignment given to you, the results of which will be used as a form of assessment.

ASSESSMENT TASKS AND EXAMS: You will complete an exam at the end of every unit.

Additionally, you will be given an assessment project which will take various forms including art projects, escape rooms and real world considerations. You will be graded based on your understanding of the concepts included within the assessment task using a rubric shown to you at the time of the assessment task.

MID-TERM: You will be writing a mid-term exam early in 2020. This will be a cumulative exam covering everything we have learned up until that point. More information on this exam will be given closer to the time.

FINAL EXAM: There will be a final exam that you will write at the end of the year. More information about the exam will be shared closer to the date.

E. BREAKDOWN OF GRADE

ASSIGNMENTS: 45%

PROJECTS AND EXAMS: 25%

MIDTERM Exam: 15%

FINAL EXAM: 15%

TOTAL: 100%

F. CLASSROOM RULES OF CONDUCT

ARRIVAL: You are expected to arrive in class on time. Please enter the room quietly and find your seat. There will be some information on the board that will direct you until class begins.

DISMISSAL: The bell does not dismiss you. Please do not begin to pack any belongings until after you are dismissed by the teacher. Upon being dismissed, please quietly pack your belongings and quietly leave the classroom.

RESOURCES: Student resources are available to you should you need to use them. If you require any resources, please ask for the materials you need and they will be provided to you. **Do not** get the materials by yourself unless you have verbal consent from an adult in the room.

GROUP WORK: There will be opportunities for working within groups. During these times, please be sure that you remain on topic and are respectful to your fellow classmates. If it is found that work is not taking place during these times, opportunities for group work will not be given.

MISSED WORK: Please ask me for any of the assignments that you missed as a result of an absent. If you've previously lost your assignment, they can be accessed through my class website (QR Code is posted by the door) or Google Classroom. You are responsible for printing these documents and handing them in.

FOOD AND DRINKS: No food is allowed in the classroom. You will have an opportunity to eat snacks during your break.

CELL PHONES: It is a school wide policy that all cell phones should be left in your **locker**. If you choose not to place them there, you will be placed in the **hanging organizer** at the front of the room.

If you are seen using your cell phone when it should be in either of the above mentioned places, one of the adults in the room will ask you for your phone and it will be placed in the office for the remainder of the day.

Upon being asked, if you give up your phone right away it will be taken to the office. If you refuse to hand over your phone, you will be sent to the office and will lose phone privileges for the day.

G. EMERGENCY PROCEDURES

FIRE DRILL: Students will exit the room in single file and head to the Aquatic Center parking lot. If you are in the hallways when the alarm goes off, please exit the building with the hallway supervisor and rejoin your class outside. Please line up right-left in alphabetical order behind Ms. Rae. You may only return to the building once you have been given clearance to do so. In the event that an alarm goes off during a break, exit the building near the nearest exit and proceed to the Aquatic Center as normal. Line up behind the teacher of the class you **JUST** had.

LOCK DOWN: All students need to enter the nearest classroom. All cellphones must be turned off and handed into the teacher. There must be no talking, whispering, etc. for the duration of the lockdown. We will all gather in the front left corner of the room near the storage cupboard. No one will be permitted to leave or enter the room.

CLEAR THE HALLS: If you are in the halls, enter the nearest classroom. You will remain in the classroom until given notice to do otherwise.

TENTATIVE SCHEDULE

Date	Lesson
September	Unit 1: Symmetry, Area and Constructing Shapes
October	Unit 2:
November	Understanding Numbers
December	Unit 3: Coordinate Grids and Transformations
TBD	Mid Term Exam
January	Unit 4: Metric and Imperial Measurement
February	Unit 5 Linear Relations
March	Unit 6: Using Formulas
April	Unit 7: Strategies to Solve Problems
May	Unit 8: Circles, Angles and Triangles
June	Unit 9: Using Data