Math 9 Course Syllabus – Fall 2021

Teacher:

Mrs. Victoria Lozinski (vlozinski@rvschools.ab.ca) email for extra help 7pm-9pm Mon-Thurs, Sun

Course Evaluation:

Mastering	Advancing	Progressing	Emerging	Beginning	Limited	Not Meeting	Insufficient Evidence
Can apply the learning to complex tasks independently.	Can apply the learning to increasingly difficult tasks with prompts.	Can apply the learning to moderate tasks with some support.	Can apply the learning to basic tasks with support.	Can apply the learning to simple tasks with direction.	Cannot yet apply the learning to simple tasks. Extensive support required.	Not handed in or not able to be evaluated	Insufficient evidence submitted to accurately assess progress
100 or 95	90 or 85	80 or 75	70 or 65	60 or 55	50 - 20	20 or less	0

Outcome Based Work	85%
Cumulative & Final Exams	15%

Attendance:

Attendance is taken at the beginning of every class; to be marked present you must be ready to work with all of the expected materials at hand. If you arrive to class late, please enter the room quietly and be sure that the attendance is changed after the lecture/activity is finished.

For missed classes, it is your responsibility to get missed notes, assignments, and information from google classroom or a peer.

Missed exams or quizzes will be made up outside of class time (preferably at noon hour) and arranged on a person to person basis as the student's responsibility to arrange.

Teacher Expectations:

To be successful in a middle years math class, students must take responsibility for their own learning. Meaning:

- Be on time with all required materials
- Pay attention and engage in class lectures, discussions, and activities
- Use class time efficiently and quietly
- Copy notes and examples from class into your notes or handouts provided
- Clearly date and title your daily work
- Fully complete homework assignments on a regular basis and submit them in a timely fashion. Failure to do so will result in you not being adequately prepared for assessments

Course Topics:

Unit 1: Symmetry and Surface Area (Sept. – Oct.):

SS2 Find surface area of composite 3D objects to solve problems

SS5 Show understanding of line & rotational symmetry

Unit 2: Scale Factors and Similarity (Oct. – Nov.):

SS3 Show understanding of similarity of polygons

SS4 Draw and interpret scale diagrams 2D shapes

Unit 3: Circle Geometry (Nov. – Dec.):

SS1 Use circle properties to solve problems

Unit 4: Data Analysis (Jan.):

SP1 Describe effects on collection of data

SP2 Select and defend choice of population or sample

SP3 Plan, collect, display and analyze data

SP4 Understand role of probability in society