

Mathematics 8 – Block C

Mrs. Grant hgrant@sd91.bc.ca 250-692-7733

Class Expectations:

- Attend regularly and on time (before the start of class)
- Arrive prepared to learn required materials (binder, calculator, pen and pencil)
- No phones (or other devices) to be seen or heard during class time
- Use respectful language.
- Sit where you learn best
- Participate in lessons and discussions
- Do not interfere with the learning of others

Curricular Competencies:	Content
• use logic and patterns • use reasoning and logic • Estimate reasonably • mental math strategies • Use tools or technology • Model mathematics in contextualized experiences • Apply multiple strategies to solve problems • Problem solving • Use mathematical language and vocabulary • Explain and justify mathematical ideas and decisions • Communicate mathematical thinking in many ways • Represent mathematical ideas in concrete, pictorial, and symbolic forms • Reflect on mathematical thinking • Connect mathematical concepts • Use mathematical arguments to support personal choices • Incorporate First Peoples worldviews in problem solving and making connections	• Perfect squares and cubes • Square and cube roots • Percents less than 1 and greater than 100 • Rates, ratio, proportions, and percent • Operations with fractions • Discrete linear relations • Expressions (using substitution) • Two-step equations • Surface area and volume • Pythagorean theorem • 3D objects (construction, views, nets) • Central tendency (mean, median, mode) • Theoretical probability • Financial literacy (best buys)

For elaborations on this curriculum, go to: curriculum.gov.bc.ca/curriculum/mathematics/8/core

Assessment will be based on the Provincial Proficiency Scale for Grades K-9:

Emerging	Developing	Proficient	Extending
Student demonstrates an initial understanding of the concepts and competencies relevant to expected learning.	Student demonstrates a partial understanding of the concepts and competencies relevant to expected learning	Student demonstrates a complete understanding of the concepts and competencies relevant to expected learning (This is the goal)	Student demonstrates a sophisticated understanding of the concepts and competencies relevant to expected learning

