



MATHEMATICS 7

Course Outline

Mayerthorpe Jr./Sr. High School
2025-2026

Mrs. Johnner ~ email: laramie.johner@gmail.com



Goals for Students

The main goals of mathematics education are to prepare students to:

- Use mathematics confidently to solve problems
- Communicate and reason mathematically
- Appreciate and value mathematics
- Make connections between mathematics and its applications
- Commit themselves to lifelong learning
- Become mathematically literate adults, using mathematics to contribute to society

Required Material

The text we will be using is: Jump Math 7. Throughout the school year, students may be asked to bring in materials for various projects. The main student materials are:

- a binder with a coil notebook in it
- scientific calculator
- geometry set (including a protractor, ruler, compass)
- graph paper
- pencils
- a positive attitude! ☺

Course Content:

Unit	Textbook Link	Time (Approx.)
Unit 1: Number Relationships	Pg. 1	2-3 weeks
Unit 2: Fractions	Pg. 65	5 – 6 weeks (Sept - Oct)
Unit 3: Decimal	Pg. 117	3-4 weeks (Nov.)
Unit 4: Percent and Circle Graphs	Part 2 Pg. 40	3 – 4 weeks (Dec. - Jan.)
Unit 5: Integers	Pg. 14	4-5 weeks (Jan - Feb)
Unit 6: Linear Relations	Pg. 39	4 – 5 weeks (Feb - Mar)
Unit 7: Linear Equations	Pg. 46 and Part 2 Pg. 1	4 – 5 weeks (March - April)
Unit 8: Measurement and Geometry	Part 2 Pg. 21 and Pg. 81	3 – 4 weeks (May)
Unit 9: Statistics and Probability	Part 2 Pg. 63	2 weeks (June)

Assessment:

We will participate in a variety of formative exercises throughout the course that will be based on the specific outcomes as outlined in the Alberta Program of Studies for Mathematics.

Formative assessments are learning activities given to students specifically for the purpose of practicing. These activities provide teachers, students and parents with valuable tracking information about academic progress and where to focus their efforts for improvement. For this course, formative assessments may include daily assignments and pop quizzes that are provided for informative feedback only, and as such, are not directly included in the determination of the student's course mark.

Summative assessments are given to students to evaluate their knowledge and skills after they have been adequately prepared. These activities are used to determine student achievement in relation to the curriculum outcomes for each course. Summative assessments for this course include quizzes, tests and the final exam. These scores will be communicated using percentages.

A student's course grade will be determined as follows:

- Formative Assessments – 0%
- Summative Assessments
 - Unit Exams – 70%
 - Quizzes – 10%
 - Final Exam – 20%

Mrs. Johner's CLASSROOM EXPECTATIONS

1. Be on time

- Be in your desk by the bell and be ready to go.
- If you are late, please enter quickly and take a seat.
- If you are with another teacher – please bring a note from that teacher.

2. Seating

- Seating arrangements will be made. You are expected to sit in your assigned seat.
- Seating arrangements will be changed periodically throughout the year/semester.

3. Attendance

- 100% attendance is expected as it is very important to be in class in order to be successful. Often content will build from one day to the next.
- See Mayerthorpe Jr./Sr. High School's Attendance Policy (can be found in the student and parent handbook on the school's website).
- If you do have to miss a day please get your parents to phone the school and let them know about your absence.
- Upon your return, it is your responsibility to get caught up on the material that you missed. Handouts will be in the "While you were away BIN" and they will have your name on them. Please see me or a classmate outside of class time to get any other required information.

4. Asking Questions

- Please raise your hand and wait for Mrs. Johner to address you.

5. Tests

- Test dates will be given well in advance. Please plan ahead.
- If you know that you will be away for a test please notify Mrs. Johner well in advance and alternate arrangements can be made.
- You are required to write the test upon your return so be prepared!

6. Materials

- Bring all materials daily. (Binder, textbook, pencil, calculator)
- Pencils will NOT be supplied to you by Mrs. Johner, so make sure you bring extras!
 - NOTE: Your cell phone cannot be used as a calculator.

7. Assignments

- In order to succeed in this class you are responsible for completing all assigned material. If you experience difficulty please see Mrs. Johner for help ☺
- Assignments or labs may be summative (counted towards your overall grade in the course) or formative (for your own understanding and practice).

8. Quizzes

- Most will be summative but some may be formative.
- We will write quizzes fairly often, so it is important to always be prepared.
- If you miss a quiz due to a verifiable absence, you will be given an opportunity to write it upon your return.

9. Support Time

- Each day there is “Support Time” in the Library for you to go to if you are needing extra time to catch up on class work or assignments. For Jr. High it is in Block 3.

10. Exam Exemption Policy

- Please see the Exam Exemption Policy in the Student and Parent Handbook on the school’s website for more information on exemption of exams.