***Educate, Engage, Empower***



**Grade 7**

 **Mount Royal School**

**Course Outline 2017 – 2018**

**7A/B** Math/Science Mr. L. Neustaeter laneustaeter@cbe.ab.ca

 L.A./Social Mr. J. Froehler, jpfroehler@cbe.ab.ca

**7C** Math Mrs. S. Teasdale smteasdale@cbe.ab.ca

 Science Mr. T. Van Kleeck tivankleeck@cbe.ab.ca

 L.A. / Social Mr. D. McCafferty djmccafferty@cbe.ab.ca

**Grade 7 Math Curriculum**

The Math 7 program supports the belief that students learn in different ways and must construct their own meaning of mathematics. Students will be covering the 4 strands: number sense, patterns and relations, shape and space as well as statistics and probability, through a unit based program. The units that are covered in Grade 7 are number relations, integers, linear relations and equations, measurement, 2D geometry, decimals, percent, fractions, circle graphs and statistics and probability.

**Grade 7 Science Curriculum**

At Mount Royal, the science program centers on hands-on student learning. There are four foundations of science that students are exposed to within each of the units that are covered. The four foundations are:

1. Science, Technology and Society
2. Knowledge
3. Skills
4. Attitudes

In Grade 7 the students cover Heat and Temperature, Structures and Forces, Planet Earth, Interactions and Ecosystems as well as Plants for Food and Fibre.

**Students will be evaluated based on the following stems using a 4 point scale:**

**Mathematics**

* Understands mathematical concepts and relationships
* Uses mathematical reasoning to analyze and solve problems
* Explores and develops strategies for mental mathematics and estimation
* Develops mathematical procedures and strategies for computation
* Models, represents and communicates mathematical ideas

**Science**

* Understands and makes connections between concepts
* Analyzes and solves problems through scientific reasoning
* Develops skills for inquiry and communication
* Explores scientific events and issues in society and the environment

**Language Arts and Social Studies**

The five strands of language learning (reading, writing, listening, viewing and representing) will be addressed in the context of novel studies, poetry, short stories, as well as the current Social Studies topic. Attention will also be given to language conventions, (grammar and spelling). Wherever possible, links within the two curriculums will be made with the fine arts (drama, art and music).

**Social Studies**

While the same principles as above apply to Social Studies, we will be focusing on Canadian history pre/post Confederation.

**Students will be evaluated based on the following stems using a 4 point scale:**

**English Language Arts**

* Reads to explore, construct and extend understanding
* Writes to develop, organize and express information and ideas
* Manages and evaluates information and ideas
* Constructs meaning and makes connections through speaking
* Constructs meaning and makes connections through listening
* Represents ideas and creates understanding through a variety of media

**Social**

* Demonstrates knowledge and understanding of citizenship and identity
* Explores events and issues from different points of view
* Demonstrates skills and processes for inquiry and research
* Communicates ideas in an informed and persuasive manner

**Expectations for all Subjects:**

All students are expected to:

* Attend and be in class on time
* Come to class prepared with all necessary materials
* Show respect for self, others, and school community
* Complete homework and assignments
* Seek out extra help if needed
* Be responsible for all textbooks assigned to them
* Record homework before leaving school
* Check teacher blogs for homework and other key information
* Have cell phones off and put away unless instructed by their teacher

**Assignments and Homework**:

* All assignments are to be completed on the due date given unless prior arrangements were made with your teacher
* If absent, it is the **student’s responsibility** to make up missed assignments and/or notes
* Students are expected to prepare for upcoming tests and quizzes
* Teachers are available to support students with homework and assignments if extra clarifications and understanding are needed

At Mount Royal Junior High School we believe it is essential that students respect themselves and others, the school environment, and our community. We expect these ideas to be in full force in our classrooms.

We look forward to seeing you on September 21, 2017 at Meet the Teacher evening.

Parents, please review this sheet with your student. If you have any questions or concerns, please call the school at 777-7980 or email your student’s Teacher Advisor.