

Math 12 Foundations
Betty MacDonald
Sydney Academy

Overview:

This is a one credit course designed to provide students the opportunity to gain better understanding of math.

Course Outline

The grade 12 course is divided into five sections: **Patterns, Quadratics, Exponential Growth, Geometry and Probability**

The math curriculum in the province of NS is a spiral one. Topics introduced in earlier grades may be expanded and developed further in later grades. Students have a text and as well other resources will be used. Handouts should be put into binders in the appropriate places. All tests and assignments are returned to the students and should be kept in a folder. These can be used as study aids. Students can prepare for tests by reviewing their notes daily to insure their understanding of the concepts. Lots of practice is necessary to compliment and reinforce this understanding.

Attendance is very important. Students absent from class, for any reason, are **still held responsible for the work missed. The school has a new attendance policy that can be seen on the school website.**

Teachers are not required to do make-up tests or assignments due to excused absences and students who miss assessment due to unexcused absences can be given a mark of zero.

Homework is assigned daily. Students are to use their agendas for recording homework and test dates. Homework is recorded daily on the school website.

Extra help is available at 12:15 Wednesday and Friday. After school times can be arranged.

Supplies:

three ring binder, paper, pencils, calculator, math set and graph paper

Assessment and Evaluation:

Assessment is an on-going process. A variety of methods are used to accommodate the various ways in which students learn and communicate their learning. Some of these may include tests, quizzes, in-class assignments, homework, projects, class participation and teacher observation. Attendance, attitude, and work ethic go along way in helping a student have a successful year.

Suggestions for students:

Keep table of contents and vocabulary page current

Copy all notes and examples

Use dates and titles

Use class time wisely

Get help when necessary.....ask questions.

Extra help is available

Keep up to date.....get missed work

Do homework to the best of your ability

Communication:

Phone calls, conferences, tests, and homework are some ways information about your child's progress can be communicated.

Assessment :

Tests/Assignments, etc.	55%
Comprehensive test	15%
Final exam	30%

There are several math sites that may be useful to parents and students. Most are interactive.

purplemath.com

<http://regentsprep.org>

coolmath.com

<http://nlvm.usu.edu/en/nav/index.htm>

<http://www.mathgoodies.com/>

nctm.org

<http://illuminations.nctm.org/ActivitySearch.aspx>

Please complete the following information and have your son/daughter return the bottom portion to me.

Thank you,

Betty MacDonald

Student's name: _____

Date: _____

Parent(s)/Guardian(s) signature: _____