

Math 15

Mrs. Victoria Lozinski

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Remind101: (431) 800-0371.

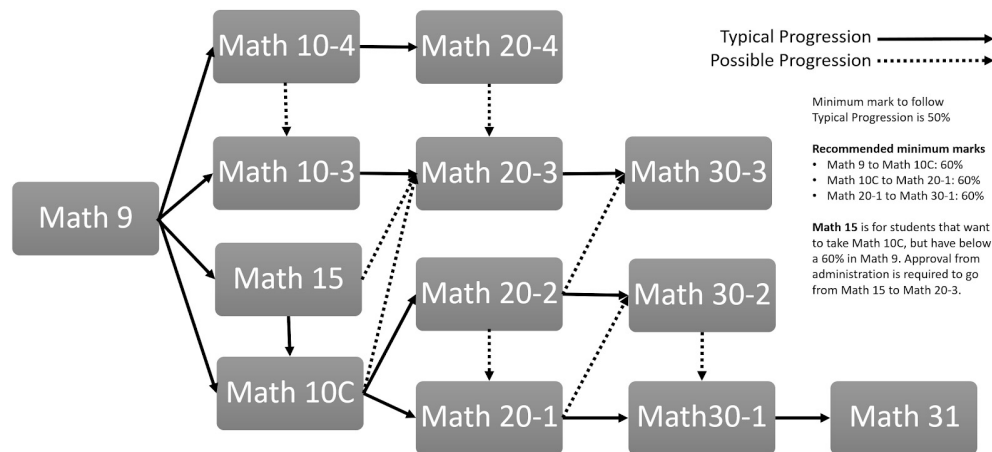
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Introduction

Math 15 is a course designed for students that want to take Math 10C in grade 10, but are not quite ready for it **yet**. Many students get to the end of grade 9 and, for a variety of reasons, have significant gaps in their math knowledge and skills. The goal of this course is to fill in these gaps and give the students a solid foundation of knowledge, skills and learning strategies to start Math 10C in their second semester of grade 10.

Sometimes students take Math 10-3 first semester to try to get ready for Math 10C, but Math 10-3 is not designed for this. The -3 stream is intended for students for planning to enter the majority of trades or the workforce immediately after high school. Math 10C (-1, -2 stream) is for students going to post-secondary programs that require math, and it includes a lot more algebra than the -3 stream.

The sequence of math courses at W.H. Croxford is shown below.



COURSE MATERIALS:

- **Calculator:** scientific calculator (calculators are permitted on some assessments, but not all)
- **Notebook/binder:** with lined paper and graph paper
- **Moodle:** access the class site regularly

Units

- Number Sense (whole number, integer, fraction operations)
- Coordinate Plane
- Exponents
- Equation Solving
- Polynomials
- Trigonometry

Category Weightings

| | |
|----------------------|-----|
| Outcome checks | 50% |
| Assignments/Projects | 10% |
| Notes | 10% |
| Cumulative Tests | 15% |
| Final Exam | 15% |

Indicators:

| | |
|--------------|------|
| Mastering | 100% |
| Advancing | 85% |
| Progressing | 75% |
| Emerging | 65% |
| Beginning | 55% |
| Limited | 45% |
| Not Meeting. | 20% |

Homework: practice questions will be assigned regularly and will be check for completion periodically.

Assignments: at least one assignment will be given for each unit. Assignments and homework are intended to help you learn the material and prepare you for assessments.

Outcome Checks: Each unit will have at least one outcome check. These are able to be rewritten to demonstrate increased understanding.

Cumulative Tests: Throughout the semester, cumulative tests will provide students with the opportunity to demonstrate their learning. Cumulative tests MAY NOT be rewritten.

Final exam: The final exam will assess material from the ENTIRE course. The exam will have two parts, one requiring a calculator and one on which a calculator is not permitted.

STUDENT EXPECTATIONS:

- **ATTENDANCE:** Arrive on time, prior to the “late bell”, and attend classes regularly
- **PREPAREDNESS:** Come prepared to class (calculator, notebook/binder, pencil, mask)
- **ATTITUDE:** Come with an optimistic attitude, a willingness to learn, and a growth mindset. Encourage your peers, embrace diversity and contribute to a positive atmosphere.
- **RESPONSIBILITY:** When you miss class, obtain all missed material online from a friend or from Mrs. Lozinski. Keep up with all material and reminders on Moodle.
- **SELF-ADVOCACY:** Ask for help when you do not understand the material. Extra help available after school, by appointment or digitally in the evening.
- **EAT HEALTHY:** You may eat in class, but I insist that you clean up after yourselves.
- **SMART-TECH:** cell phones are not permitted during class, except when I request that you use them for a class activity. Headphones will be permitted only during individual worktime. Restraining from using your cellphone is an important life skill. Students found with active electronic equipment during quizzes, tests, or exams will receive a 0%.

OTHER MATTERS

- **LATE WORK:** Due dates for assignments will be posted online. Extensions will be given in exceptional circumstances and in consultation with me.
- **MISSED TESTS:** Students must arrange to make up tests missed due to excused absences.
- **REWRITES:** Outcome Checks may be rewritten to show a greater understanding AFTER meeting with Mrs. Lozinski to review concepts.