Math 10 – 10 Week Schedule #1

Math 10 – 22 classes, 53 hours \*This is a tentative schedule and is subjected to change.

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| Week | Day | Topic | Work to Complete |
| 1  Nov. 23  Pro-D | 1  Nov. 19/20 | Intro., Course Outline, Policies  Math 9 Final (Math 10)  MathLinks 9 Review #1 (Math 9/10) | - Go over Course Outline and Policies.  - Ch. 1-4 Review. Need MathLinks 9 Texts. |
| 2 | MathLinks 9 Review #2  MathLinks 9 Review #3 | - Ch. 5-7 Review.  - Ch. 8-11 Review. |
| 3 | Math 9 Final Exam (Math 9/10) | - Go over answers. |
| 4  Nov. 24/25 | 1.1 Number Systems  1.2 GCF and LCM | - 1.1 Notes and 1.1 Mickelson workbook.  - 1.2 Notes and 1.2 Mickelson workbook. |
| 5  Nov. 26/27 | 1.3 Square and Square Roots  1.4 Rational and Irrational Numbers | - 1.3 Notes and 1.3 Mickelson workbook.  - 1.4 Notes and 1.4 Mickelson workbook. |
| 2 | 6  Nov. 30  Dec. 1 | 1.5 Exponential Notation  1.6 Irrational Numbers | - 1.5 Notes and 1.5 Mickelson workbook.  - 1.6 Notes and 1.6 Mickelson workbook. |
| 7 | 1.7 Chapter Review  Rational Exponent Test Outline | - 1.7 Mickelson workbook.  - Go over Rational Exponent Test Outline. |
| 8  Dec. 2/3 | Rational Exponent Test (50 marks) | - Test and corrections. |
| 9  Dec. 4/7 | * 1. Classifying Polynomials   2.2 Multiplying Polynomials | - 2.1 Notes and 2.1 Mickelson workbook.  - 2.2 Notes and 2.2 Mickelson workbook. |
| 10  Dec. 8/9 | 2.3 Removing Common Factors  2.4 Factoring x2 + bx + c | - 2.3 Notes and 2.3 Mickelson workbook.  - 2.4 Notes and 2.4 Mickelson workbook. |
| 3  Winter Break  Dec. 19-Jan. 3 | 11  Dec. 10/11 | * 1. Factoring ax2 + bx + c   2.6 Special Factors | - 2.5 Notes and 2.3 Mickelson workbook.  - 2.6 Notes and 2.4 Mickelson workbook. |
| 12  Dec. 14/15 | 2.7 Chapter Review  Polynomials Test Outline | - 2.7 Mickelson workbook.  - Go over Polynomials Test Outline. |
| 13  Dec. 16/17 | Ch. 2 Polynomial Test  (35 or 45 marks) | - Test and corrections. |
| 14  Jan. 4/5 | 3.1 Relations (A2 starts)  3.2 Functions | - 3.1 Notes and 3.1 Mickelson workbook.  - 3.2 Notes and 3.2 Mickelson workbook. |
| 15  Jan. 6/7 | 3.3 Linear Equations  3.4 Non-Linear Equations | - 3.3 Notes and 3.3 Mickelson workbook.  - 3.4 Notes and 3.4 Mickelson workbook. |
| 4 | 16  Jan. 8 | 3.5 Graphing with a Calculator  3.6 Chapter Review (A2 class only) | - 3.5 Notes and 3.5 Mickelson workbook.  - 3.6 Notes and 3.6 Mickelson workbook. |
| 17  Jan. 11/12 | Ch. 3 Test (35 marks)  (1/2 class) | - Test and corrections. |
| 18  Jan. 11/12 | 4.1 Slope (1/2 class)  4.2 Rate of Change | - 4.1 Notes and 4.1 Mickelson workbook.  - 4.2 Notes and 4.2 Mickelson workbook. |
| 19  Jan. 13/14 | 4.3 Graphing Linear Functions  4.4 Parallel and Perpendicular Lines | - 4.3 Notes and 4.3 Mickelson workbook.  - 4.4 Notes and 4.4 Mickelson workbook. |
| 20 | 4.5 Applications of Linear Relations  4.6 Chapter Review | - 4.5 Notes and 4.5 Mickelson workbook.  - 4.6 Mickelson workbook. |

Math 10 – 10 week Schedule #2

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| Week | Day | Topic | Work to Complete |
| 5  Jan. 25/26  GNA 10 | 21  Jan. 15/18 | Ch. 4 Test (35 marks)  (1/2 class) | - Test corrections. |
| 22  Jan. 15/18 | 5.1 Different Forms of Linear Equations  5.2 Special Cases of Linear Equations | - 5.1 Notes and 5.1 Mickelson workbook.  - 5.2 Notes and 5.2 Mickelson workbook. |
| 23  Jan. 19/20 | 5.3 Equations of Parallel and Perp. Lines  5.4 Linear Applications and Modelling | - 5.3 Notes and 5.3 Mickelson workbook.  - 5.4 Notes and 5.4 Mickelson workbook. |
| 24  Jan. 19/20 | 5.5 Function Notation  5.6 Chapter Review | - 5.5 Notes and 5.5 Mickelson workbook.  - 5.6 Mickelson workbook. |
| 25  Jan. 21/22 | Ch. 5 Linear Equations Test (40 marks)  (1/2 class) | - Test corrections.  - Preview Ch. 6 Solving Linear Systems. |
| 6 | 26  Jan. 21/22 | 6.1 Solving Linear Systems by Graphing  6.2 Solving Linear Systems by Addition | - 6.1 Notes and 6.1 Mickelson workbook.  - 6.2 Notes and 6.2 Mickelson workbook. |
| 27  Jan. 27/28 | 6.3 Solving Systems by Substitution  6.4 Problem Solving with Two Variables | - 6.3 Notes and 6.3 Mickelson workbook.  - 6.4 Notes and 6.4 Mickelson workbook. |
| 28  Jan. 27/28 | 6.1-6.4 Solving Systems Quiz (30 marks) | - Quiz corrections. |
| 29 | 6.5 Arithmetic Sequence  6.6 Arithmetic Series | - 6.5 Notes and 6.5 Mickelson workbook.  - 6.6 Notes and 6.6 Mickelson workbook. |
| 30 | 6.5 + 6.6 Sequences + Series Test  (30 marks) | - Test and corrections.  - Preview Ch. 8 Trigonometry. |
| 7 | 31  Jan. 29  Feb. 1 | 8.1 Sine, Cosine, and Tangent for Right ∆  8.4 Applications of Trigonometry | - 8.1 Notes and 8.1 Mickelson workbook.  - 8.4 Notes and 8.4 Mickelson workbook. |
| 32  Jan. 29  Feb. 1 | Basic Trig. Test (30 marks)  Optional: 8.2, 8.3, and 8.5 | - Test corrections.  - 8.2, 8.3, and/or 8.5 Mickelson workbook. |
| 33 | CAST System | - PC 11 Textbook 2.1 + 2.2. |
| 34 | Sine Law and Cosine Law | - PC 11 Textbook 2.3 + 2.4. |
| 35 | Ch. 8 Trig. Test (30 marks) | - Test Corrections.  - Preview PC 11 textbook 1.3, 1.4, + 1.5. |
| 8 | 36 | 1.3 Geometric Sequences | - PC 11 textbook 1.3. |
| 37 | 1.4 Geometric Series | - PC 11 textbook 1.4. |
| 38 | 1.5 Infinite Geometric Series | - PC 11 textbook 1.5. |
| 39 | 7.1 Simple and Compound Interest | - 7.1 Notes and 7.1 Mickelson workbook. |
| 40 | 7.2 Gross and Net Pay | - 7.2 Notes and 7.2 Mickelson workbook. |
| 9 | 41 | Ch. 7 Finance Test |  |
| 42 | Final Exam Review #1 |  |
| 43 | Final Exam Review #2 |  |
| 44  Feb. 2/3 | Final Exam |  |