**Secondary Math 2 Honors – Term 1**

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| **Date** | **Lesson/Topic** | **What is due today** | **Assignments/Handouts** | **Resources** |
| **Wednesday, August 23, 2017** | Welcome  Disclosure Document  Intro Assignment (1.0) | Nothing | * [Landis Disclosure Document](https://docs.google.com/forms/d/e/1FAIpQLSfn7eTgZuAZ0nkqvf5Y899XBTLEVHELdiEcN7ctSfEn1pQmyQ/viewform) * [Getting to know you question](https://drive.google.com/open?id=0B82m6MHC1zXuVTJsNS04aVY4Mm8) * [Review Quiz Study Guide](https://drive.google.com/open?id=0B82m6MHC1zXuLWpndUkwYlE0SHM) * [Welcome Letter](http://landismath.weebly.com/welcome-letter.html) * [1.0 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuVmR4b0QtYUhSWDQ) * [1.0 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXubG90dk5oTVZPR28) * **Start Module 1** | **Videos**:   * [1.0 Video Notes](https://drive.google.com/open?id=0B82m6MHC1zXuak8yTVBNM2RXbWs) |

**Unit 1: Proving Geometric Theorems and Triangle Similarity**

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| **Date** | **Lesson/Topic** | **What is due today** | **Assignments/Handouts** | **Resources** |
| **Friday, August 25, 2017** | 1.1 – Proofs about angles and lines | * **Review Quiz #1** * 1.0 Homework * Welcome Letter | * [1.1 Notes](https://drive.google.com/open?id=0B82m6MHC1zXud0d0aUR1aWRWQkE) * [1.1 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXuaVlIanNaTGtoWjQ) * [1.1 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuMXZvSlBmM3RfTGc) * [1.1 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXuRGV3bXY1UGFBRGs) | **Videos**:   * [Angles Vocab](https://drive.google.com/open?id=0B82m6MHC1zXuRGRJZ0xWZW9YQzQ) * [Setting up & solving equations](https://drive.google.com/open?id=0B82m6MHC1zXuZWhFQTZIbi1vMGM) * [Proof of Vertical Angle Theorem](https://drive.google.com/open?id=0B82m6MHC1zXuTWd4YnVnQ2RDOGs) * [Prove thms with parallel lines](https://drive.google.com/open?id=0B82m6MHC1zXuQ3Z4c0VQSVRxaVk) |
| **Tuesday, August 29, 2017** | 1.2 – Proofs about Triangles  **S.E.T. Plan**:  Review Proofs | * **Review Quiz #1 (Take 2)** * 1.1 Assignment | * [1.2 Notes](https://drive.google.com/open?id=0B82m6MHC1zXubl9WZFVQSFlVODg) * [1.2 Notes worked out](https://drive.google.com/open?id=0B82m6MHC1zXuRlFHaUhDSngtenc) * [1.2 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuM2lNWmNJQnA5a0k) * [1.2 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXucGNxamJJSWlrT0U) | **Videos**:   * [Using Triangle Sum Theorem](https://drive.google.com/open?id=0B82m6MHC1zXuY3c0eS1ob3UxQXc) * [Using Exterior Angle Theorem](https://drive.google.com/open?id=0B82m6MHC1zXuNXo2Ykx4X3FRY1E) * [Using Isosceles Triangle Theorem](https://drive.google.com/open?id=0B82m6MHC1zXuWWVfZ1Mxdy1kVUk) * [Using Mid-segment Theorem](https://drive.google.com/open?id=0B82m6MHC1zXucTdKRkwxSTV5ekU) * [Proof of Triangle Angle Sum Theorem](https://drive.google.com/open?id=0B82m6MHC1zXuYVlFek9FOU9Ib28) * [Proof of Triangle Exterior Angle Thm](https://drive.google.com/open?id=0B82m6MHC1zXuVTJRNDRZMTVnNGc) * [Proof of Isosceles Triangle Theorem](https://drive.google.com/open?id=0B82m6MHC1zXuUElRN1hnRU5QZTg) |
| **Thursday, August 31, 2017** | 1.3 – Proofs about Parallelograms | * **Review Quiz #2** * 1.2 Assignment | * [1.3 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuTnNBNFdVODE2MHM) * [1.3 Notes worked out](https://drive.google.com/open?id=0B82m6MHC1zXuT0FaM21JMC0tRTQ) * [1.3 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuRGEwTWZ0bnpkYXc) * [1.3 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXubGtFMi01M2lxa2M) | **Videos**:   * [Using Properties of Parallelograms](https://drive.google.com/open?id=0B82m6MHC1zXuU2xqb1UwTDR0cmM) * [Proofs about Parallelogram](https://drive.google.com/open?id=0B82m6MHC1zXud280LURybVRTVU0) |
| **Sept 4, 2017** | **NO SCHOOL – Labor Day** | | | |
| **Tuesday, September 5, 2017** | **Unit 1 Big Quiz**  **(Focus on proofs)**  **Module 1 Work Day** | * 1.3 Assignment * **Unit 1 Quiz** | * **Work on Module 1** | None |
| **Thursday, September 7, 2017** | 1.4-Prove similarity & Proportionality | * **Review Quiz #2 (Take 2)** | * [1.4 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuOGRXaFNUNXF5OUU) * [1.4 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXubXNfdERXTTFOUGs) * [1.4 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXua2dRVFdCVkROOFU) * [1.4 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXubXNfdERXTTFOUGs) | **Videos**:   * [Using Triangle Proportionality Thm](https://drive.google.com/open?id=0B82m6MHC1zXuRC1uZ3gtRi1qTDQ) * [Using the Angle Bisector Thm](https://drive.google.com/open?id=0B82m6MHC1zXuX2FQcXZiNUxxMmc) * [Determine if two lines are parallel](https://drive.google.com/open?id=0B82m6MHC1zXuZFhqb2dmaXZXQzg) * [The 3 similarity statements](https://drive.google.com/open?id=0B82m6MHC1zXuYWwyYS1rUjVzSzQ) * [Identifying Similar triangles](https://drive.google.com/open?id=0B82m6MHC1zXub2RVTlFKcVFaXzA) * [Solving for x using similar triangles](https://drive.google.com/open?id=0B82m6MHC1zXuUjdFel9MM2ZVOVk) * [Applications using similar triangles](https://drive.google.com/open?id=0B82m6MHC1zXuVzRaMWI4NU1wZXM) |
| **Monday, September 11, 2017** | 1.5-Geometric Mean | * **Review Quiz #3** * 1.4 Assignment | * [1.5 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuV0dRb29IOXhkdVk) * [1.5 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXuZFlHekZQbGh3ekE) * [1.5 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuVGVqMXFwLUNTR1U) * [1.5 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXubDk0dW9JQlNUVUU) | **Videos**:   * [Geometric Mean and Proof of the Pythagorean Theorem](https://drive.google.com/open?id=0B82m6MHC1zXuZU5fbFZOWXM4Wnc) * [Using the Pythagorean Theorem](https://drive.google.com/open?id=0B82m6MHC1zXudWwzYkN4NVhuaGs) * [Solving for x (Basic cases)](https://drive.google.com/open?id=0B82m6MHC1zXuTU1LWTBBT2s2RFk) * [Solving for multiple side](https://drive.google.com/open?id=0B82m6MHC1zXudzVyeTh2MHY0QUU) |
| **Wednesday, September 13, 2017** | **Unit 1 Formative Assessment**  *Parent Teacher Conf.* | * 1.5 Assignment | * [Unit 1 Theorems Handout](https://drive.google.com/open?id=0B82m6MHC1zXuRm1zZFQySWtsbG8) * **Work on Module 1** | * [How to study for a test](http://twilkie.weebly.com/study-for-a-test.html) * [Unit 1 Review](https://drive.google.com/open?id=0B82m6MHC1zXuSzVld091ODJqSkk) * [Unit 1 Review Key](https://drive.google.com/open?id=0B82m6MHC1zXuaHpOX0hoUmZUSGM) |
| **Friday, September 15, 2017** | Grade Unit 1 Formative Assessment  *Fall Pep Assembly*  **Module 1 Test Today** | **Last day to turn in any Unit 1 Late work for 70% credit**   * **Module 1 DUE** | * **Start Module 2** | None |

**Unit 2: Circles**

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| **Date** | **Lesson/Topic** | **What is due today** | **Assignments/Handouts** | **Resources** |
| **Tuesday, September 19, 2017** | 2.1 Circles, Arcs, Arc Length, Area | * **Review Quiz #4** | * [2.1 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuLWRqOHZ3R2FzbXc) * [2.1 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXucDlwRjc2TjItaE0) * [2.1 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuamFGZ3Ewc2MwOGM) * [2.1 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXuRHR6X2JGUHkybGM) | **Videos**:   * [Circle Vocabulary](https://drive.google.com/open?id=0B82m6MHC1zXuQ25oUGlDX1pxcWs) * [3 Types of Angles we will look at](https://drive.google.com/open?id=0B82m6MHC1zXuVVowYkRBLTZHRGs) * [Guided Practice #1](https://drive.google.com/open?id=0B82m6MHC1zXuQ2l4a1M4Um04eWc) * [Guided Practice #2](https://drive.google.com/open?id=0B82m6MHC1zXuSWtCSW5CV2s1N1k) * [Guided Practice #3](https://drive.google.com/open?id=0B82m6MHC1zXuVUIzSHRVSmdCWjA) * [Finding arc length and area of sector](https://drive.google.com/open?id=0B82m6MHC1zXuREl6c09YRThUWnc) |
| **Thursday, September 21, 2017** | 2.2-Tangent Lines | * **Review Quiz #4 (Take 2)** * 2.1 Homework | * [2.2 Notes](https://drive.google.com/open?id=0B82m6MHC1zXudjF4RGZnMW1rQUk) * [2.2 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXuZzN0VWNkVkZ5STQ) * [2.2 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuTGd5dWREMU05dkU) * [2.2 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXucnNUTUFob2Q4WEk) | **Videos**:   * [Review Multiplying Binomials](https://drive.google.com/open?id=0B82m6MHC1zXuR05wN05yd3lOS2M) * [Vocab: Properties of Tangent Lines](https://drive.google.com/open?id=0B82m6MHC1zXuMVhCZ2NGYTdzbHM) * [Example Set #1](https://drive.google.com/open?id=0B82m6MHC1zXuTVM5cGRydUFsck0) * [Example Set #2](https://drive.google.com/open?id=0B82m6MHC1zXuTzFUNEhIeGd1WGs) * [Example Set #3](https://drive.google.com/open?id=0B82m6MHC1zXudzJ2UFFIT1FYbU0) * [Two tangent lines intersect](https://drive.google.com/open?id=0B82m6MHC1zXuTXFqUHIyc2J5cUE) |
| **Monday, September 25, 2017** | 2.3-Equations of circles  **S.E.T. Plan**:  Study for test | * 2.2 Homework | * [2.3 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuclRScHlUWDR2OTg) * [2.3 Notes Worked Out](https://drive.google.com/open?id=0B82m6MHC1zXuMkplczlxM0Y1NnM) * [2.3 Assign & Key](https://drive.google.com/open?id=0B82m6MHC1zXuZXpCazJtNHhSZFU) | **Videos**:   * [How we get the equation of a circle](https://drive.google.com/open?id=0B82m6MHC1zXuOXZOTUZ5T1pJY00) * [Write the equation of a circle](https://drive.google.com/open?id=0B82m6MHC1zXuOTctaXRiV1k2VHM) * [Graphing a circle](https://drive.google.com/open?id=0B82m6MHC1zXuUWJlRlhjUTJjOVE) |
| **Wednesday, September 27, 2017** | **Unit** 2 **Formative Assessment** | * 2.3 Assignment | * **Work on Module 2** | * [How to study for a test](http://twilkie.weebly.com/study-for-a-test.html) * [Unit 2 Review](https://drive.google.com/open?id=0B82m6MHC1zXuWXBXQnJZUUZiN3c) * [Unit 2 Review Key](https://drive.google.com/open?id=0B82m6MHC1zXuUEVBZ3p0RWJHaVk) |
| **Friday, September 29, 2017** | Grade Unit 2 Formative Assessment  **Term 1 Summative Assessment Review** | **Last day to turn in any Unit** 2 **Late work for 70% credit** | * [3.0 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuUlJwUWlZNFhXdG8) * [3.0 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXubDNOX3ZSM2lwenc) | None |

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| **Tuesday, October 3, 2017** | **College Day – lost day of instruction** |
| **Thursday, October 5, 2017** | **Term 1 Summative Assessment Today!!!** |

**Unit 3: Exponent Rules**

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| **Date** | **Lesson/Topic** | **What is due today** | **Assignments/Handouts** | **Resources** |
| **Monday, October 9, 2017** | 3.1-Exponent Rules | * 3.0 Homework | * [3.1 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuSmJ5Y3pNekFkU0k) * [3.1 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXuaDBzZEgwNURKNnc) * [3.1 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuNEpTZi1xWjhZcXM) * [3.1 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXuTXRQeVRqa2FJWDQ) | **Videos**:   * [Vocabulary: Exponent Rules](https://drive.google.com/open?id=0B82m6MHC1zXuSFhOWFRkcEdNMVE) * [Guided Practice (#1-3)](https://drive.google.com/open?id=0B82m6MHC1zXuSERONUhQX0dTYlk) * [Guided Practice (#4-5)](https://drive.google.com/open?id=0B82m6MHC1zXuTXctWGg3WUY3cDQ) * [Guided Practice (#6)](https://drive.google.com/open?id=0B82m6MHC1zXuYUtYSVJrTTI0cnM) |
| **Wednesday, October 11, 2017** | 3.2-Rational Exponents | * 3.1 Homework | * [3.2 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuTWlxM25rS3lxZlE) * [3.2 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXuVDJnWjdSOU43VE0) * [3.2 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuaEpQRjB6UUFKNG8) * [3.2 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXuSmJ5Y3pNekFkU0k) | **Videos**:   * [Guided Practice (#1-3)](https://drive.google.com/open?id=0B82m6MHC1zXubDZXVVlhdVkzdXc) * [Guided Practice (#4-6)](https://drive.google.com/open?id=0B82m6MHC1zXucllaY0oyQjNrUlk) * [Guided Practice (#7-9)](https://drive.google.com/open?id=0B82m6MHC1zXuOEFoT1VkenFGS3c) |
| **Friday, October 13, 2017** | 3.3-Complex Numbers  **Module 2 Test Today**  *Multi Cultural Assembly* | * 3.2 Homework * **Module 2 DUE** | * [3.3 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuMC16NElubkh2UFk) * [3.3 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXuYktGZFNFM1A0WVU) * [3.3 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXubzRxM2h4Q3hPWkU) * [3.3 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXubktnWUdsVU1ORFk) * **Start Module 3** | **Videos**:   * [Simplify radicals with negatives & Standard form of complex numbers](https://drive.google.com/open?id=0B82m6MHC1zXuUWpqam9uWWotSlU) * [Simplify complex #’s of higher powers](https://drive.google.com/open?id=0B82m6MHC1zXuMjlmb3VuQzIyNm8) * [Add and Subtract w/ complex #’s](https://drive.google.com/open?id=0B82m6MHC1zXuSDMyUGdQSFNNNXM) * [Multiplying w/ complex #’s](https://drive.google.com/open?id=0B82m6MHC1zXuVGY1bU5PMzQzM2c) |
| **Tuesday, October 17, 2017** | **Unit 3 Big Quiz** | * 3.3 Assignment * **Unit 3 Quiz** | * **Work on Module 3** | * [How to study for a test](http://twilkie.weebly.com/study-for-a-test.html) * Focus on all exponent rules |

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| **Tuesday, October 17, 2017** | **Any Test Remediation or Test Retakes must be done by today!**  **Grades for Term 1 will be finalized today** |
| **Wednesday, October 18, 2017** | **This is an A-Day**  **End of Term 1** |
| **Oct 19 – Oct 23** | **NO SCHOOL – Fall Break** |