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| Lesson Plans for Algebra II | | | | | |
| **Week Beginning:**  **Jan. 7** | **Quarter: 3** | | | **Periods: 2, 3, 8** | |
| **Topic** | **Strategies** | **Time** | **Assessments** | **Standards/Benchmarks** |
| **Monday** | 6.2 Operations with Polynomials | Discussion/ Lecture/ Active Learning | 30-40 | p. 322-324  15-24, 27-30, 36, 43, 51, 53, 57-58, 75-78 | 9-12.A.1.1 |
|  |  |  |  |  |
| **Tuesday** | 6.3 Dividing Polynomials | Discussion/ Lecture/ Active Learning | 30-35 | p. 329-330  14-15, 17-18, 21-22, 25, 28-29, 31-32, 35, 43, 46-47 | 9-12.A.1.1 |
|  |  |  |  |  |
| **Wednesday** | Finish 6.3 |  |  |  |  |
|  |  |  |  |  |
| **Thursday** | Go over 6.3 |  |  |  |  |
| Review for Chapter 6 Quiz | Active Learning |  |  |  |
| **Friday** | Chapter 6 Quiz |  |  |  |  |
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| Lesson Plans for Pre-Calculus | | | | | |
| **Week Beginning:**  **Jan. 7** | **Quarter: 3** | | | **Periods: 6, 7** | |
| **Topic** | **Strategies** | **Time** | **Assessments** | **Standards/Benchmarks** |
| **Monday** | 6.6 Modeling Real-World Date with Sinusoidal Functions | Discussion/ Lecture/ Active Learning | 30-40 | p. 391-394  7-19, 21-23, 28 | 9-12.A.3.2A |
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| **Tuesday** | Finish 6.6 |  |  |  |  |
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| **Wednesday** | 6.7 Other Trigonometric Functions | Discussion/ Lecture/ Active Learning | 30-40 | p. 400-403  29-34, 36-43, 47, 49, 59 | 9-12.A.3.2A |
|  |  |  |  |  |
| **Thursday** | Finish 6.7 |  |  |  |  |
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| **Friday** | Chapter 6 Review | Discussion | 5-10 | Worksheet |  |
| Test Thursday |  |  |  |  |

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| Lesson Plans for Calculus | | | | | |
| **Week Beginning:**  **Jan. 7** | **Quarter: 3** | | | **Period: 1** | |
| **Topic** | **Strategies** | **Time** | **Assessments** | **Standards/Benchmarks** |
| **Monday** | 3.3 Maximum and Minimum Values | Discussion/ Lecture/ Active Learning | 40-45 | p. 274-276  1-25 odd, 31-43 odd, 47-50, 65 | No state standards for Calculus |
|  |  |  |  |  |
| **Tuesday** | Finish 3.3 |  |  |  |  |
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| **Wednesday** | 3.4 Increasing and Decreasing Functions | Discussion/ Lecture/ Active Learning | 40-45 | p. 284-285  1-41 odd, 64 |  |
|  |  |  |  |  |
| **Thursday** | Finish 3.4 |  |  |  |  |
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| **Friday** | 3.5 Concavity and the Second Derivative Test | Discussion/ Lecture/ Active Learning | 40-45 | p. 293-295  1-33 odd, 37-39, 41-44, 53-54 |  |
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