



## Precalculus Semester One Pace Chart Fall 2022

**Live Lesson each Thursday 10 am**

| Week | Dates  | Assignments   |
|------|--|---|
| 1    | 08/15- 08/19                                     | 01.00 Functions Checklist<br>01.01 Key Features of Functions and Their Graphs<br>01.02 Polynomial Functions                                     |
| 2    | 08/22- 08/26                                     | 01.03 Rational Functions<br>01.04 Radical Functions<br>01.05 Functions Mid-Module Check   |
| 3    | 08/29 -09/02                                     | 01.06 Exponential Functions<br>01.07 Logarithmic Functions<br>01.08 Piecewise Functions   |
| 4    | 09/06- 09/09<br>Monday, Sept 5, Labor Day        | 01.09 Functions Discussion-Based Assessment<br>01.10 Functions Exam   |
| 5    | 09/12- 09/16                                     | 02.00 Applications of Functions Checklist<br>02.01 Compare Key Features of Functions<br>02.02 Systems of Equations<br>02.03 Combining Functions |
| 6    | 09/19 – 09/23                                    | 02.04 Composing Functions<br>02.05 Applications of Functions Mid-Module Check<br>02.06 Inverse Functions  |
| 7    | 09/26 – 09/30                                    | 02.07 Difference Quotient<br>02.08 Applications of Functions Discussion-Based Assessment  |
| 8    | 10/03- 10/07                                     | 02.09 Applications of Functions Exam<br>03.00 Conic Sections Checklist<br>03.01 Exploring Conic Sections  |
| 9    | 10/10- 10/14                                     | 03.02 Circles<br>03.03 Parabolas<br>03.04 Conic Sections Mid-Module Check   |
| 10   | 10/18- 10/21<br>Monday, Oct 17, Teacher Planning | 03.05 Ellipses<br>03.06 Hyperbolas<br>03.07 Applications Using Conic Sections   |

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| <b>11</b> | <b>10/24- 10/28</b>  | 03.08 Conic Sections Discussion-Based Assessment<br>03.09 Conic Sections Exam   |
| <b>12</b> | <b>10/31 – 11/04</b>   | 04.00 Sequences and Series Checklist<br>04.01 Sequences vs. Series<br>04.02 Arithmetic Sequences  |
| <b>13</b> | <b>11/07 – 11/10</b><br><b>Friday, Nov 11, Veteran's Day</b> | 04.03 Geometric Sequences<br>04.04 Series   |
| <b>14</b> | <b>11/14- 11/18</b>  | 04.05 Applications of Sequences and Series<br>04.06 Sequences and Series Discussion-Based Assessment<br>04.07 Sequences and Series Exam |
| <b>15</b> | <b>11/21-11/25</b><br><b>Thanksgiving</b>                    | THANKSGIVING BREAK: this is your opportunity to catch up if needed.   |
| <b>16</b> | <b>11/28-12/02</b>   | 04.08 Segment One Practice Exam   |
| <b>17</b> | <b>12/05-12/09</b>   | 04.09 Segment One Exam  |
| <b>18</b> | <b>12/12-12/16</b>   | Send Grades to schools  |