

### 8<sup>th</sup> Grade Algebra I Honors Pacing Guide 2022 – 23

| Week 1<br>Aug. 10 – 12   | Week 2<br>Aug. 15 – 19   | Week 3<br>Aug. 22 – 26      | Week 4<br>Aug. 29 – Sept. 2  | Week 5<br>Sept. 5 – 9   | Week 6<br>Sept. 12 – 16   | Week 7<br>Sept. 19 – 23  | Week 8<br>Sept. 26 – 30  | Week 9<br>Oct. 3 – 7    | Week 10<br>Oct. 10 - 14  |
|--|--|-----------------------------|--|---|---|--|--|-------------------------|--------------------------|
|  | <b>Exponents &amp; Radicals</b><br>MA.912.NSO.1.1<br>MA.912.NSO.1.2<br>MA.912.NSO.1.4<br><br>Unit 1: Lessons 4 – 10<br>Unit 2: Lessons 1 – 3 |                             |  | <b>Polynomials</b><br>MA.912.AR.1.3<br>MA.912.AR.1.4<br>MA.912.AR.1.7<br><br>Unit 2: Lessons 4 – 9<br>Unit 7: Lessons 1 – 8 |   |  | <b>Equations &amp; Inequalities</b><br>MA.912.AR.1.2<br>MA.912.AR.2.1<br>MA.912.AR.2.6<br>MA.912.AR.3.1<br><br>Unit 3: Lesson 1, Unit 5: Lessons 1 – 5<br>Unit 9: Lessons 5 & 7, Unit 10: Lessons 3 – 4<br>Unit 6: Lessons 1 – 3, Unit 10: Lessons H1 & H2 |                         |                          |
| Week 11<br>Oct. 17 – 21  | Week 12<br>Oct. 24 – 28  | Week 13<br>Oct. 31 – Nov. 4 | Week 14<br>Nov. 7 – 11   |   | Week 15<br>Nov. 14 – 18   | Week 16<br>Nov. 28 – Dec. 2  | Week 17<br>Dec. 5 – 9  | Week 18<br>Dec. 12 – 16 | Week 19<br>Dec. 19 - 23  |
| <b>Data Analysis &amp; Probability</b><br>MA.912.DP.1.1<br>MA.912.DP.1.2<br>MA.912.DP.1.3<br>MA.912.DP.1.4<br><br>Unit 12: Lessons 1-6<br>Unit 14: Lessons 1 – 4, H1, H2 |  |                             | <b>Introduction to Functions</b><br>MA.912.F.1.1<br>MA.912.F.1.2<br>MA.912.NSO.1.1<br><br>Unit 1: Lessons 1 – 3, 7, 8<br>Unit 4: Lesson 1; Unit 13: Lessons 4 & 11   |   | <b>Linear Functions</b><br>MA.912.F.1.1<br>MA.912.F.1.2<br>MA.912.F.1.3<br>MA.912.F.1.5<br>MA.912.F.1.6<br><br>Unit 3: Lessons 1 – 8, H1<br>Unit 4: Lessons 1 – 12; Unit 13: Lesson 1 |  |  |                         |                          |
| Week 20<br>Jan. 9 – 13   | Week 21<br>Jan. 16 – 20  | Week 22<br>Jan. 23 – 27     | Week 23<br>Jan. 30 – Feb. 3  | Week 24<br>Feb. 6 – 10  | Week 25<br>Feb. 13 – 17   | Week 26<br>Feb. 20 – 24  | Week 27<br>Feb. 27 – Mar. 3  | Week 28<br>March 6 – 10 | Week 29<br>March 13 - 16 |
| <b>Systems of Equations &amp; Linear Inequalities</b><br>MA.912.AR.2.6<br>MA.912.AR.2.7<br><br>Unit 5: Lessons 6 – 11<br>Unit 6: Lessons 6 - 10                          |  |                             | <b>Exponential Functions</b><br>MA.912.NSO.1.2<br>MA.912.AR.1.1<br>MA.912.AR.5.3<br>MA.912.AR.5.4<br><br>Unit 11: Lessons 1 – 6<br>Unit 13: Lesson 2   |   |   | <b>Absolute Value &amp; Quadratic Functions</b><br>MA.912.F.1.1<br>MA.912.F.1.2<br>MA.912.F.1.3<br>MA.912.F.1.6<br>MA.912.F.1.8<br><br>Unit 10: Lessons 1 & 2<br>Unit 8: Lessons 1 – 9 |  |                         |                          |
| Week 30<br>March 27 – 31   | Week 31<br>April 3 – 7   | Week 32<br>April 10 – 14    | Week 33<br>April 17 - 21   | Week 34<br>April 24 – 28  | Week 35<br>May 1 – 5  | Week 36<br>May 8 – 9   | Week 37<br>May 15 – 19   | Week 38<br>May 22 - 25  |                          |
| <b>Writing &amp; Solving Quadratic Functions</b><br>MA.912.AR.1.2<br>MA.912.AR.3.1<br>MA.912.AR.3.4<br><br>Unit 9: Lessons 1 - 11  |  |                             | <b>Shifts &amp; Composite Functions</b><br>MA.912.F.1.1<br>MA.912.F.1.3<br>MA.912.F.1.6<br>MA.912.F.1.8<br>MA.912.F.2.1<br>MA.912.F.2.3<br>MA.912.F.3.1<br>MA.912.APR.1.1<br><br>Unit 13: Lessons 3 – 11, H1, H2 |   |   |  |  |                         |                          |