**Khan Academy**

**Parent Instructions**

1. Go to <https://www.khanacademy.org/math> to create a Khan Academy account.
2. Select “New User/Sign Up” then “Sign in to claim points”
3. Sign in with gmail.
4. In the search bar type in Algebra
5. Click on “Algebra 1 Khan Academy”.
6. Start with “Algebra Foundations”. When you click on this icon, you will be taken to a page where there is a list of topics. Start with “Introduction to Variables”. Watch the video and then do the practice exercises.
7. When you successfully answer the questions in a topic, you will be taken to the next area. For instance, after “Introduction to Variables” is “Substitution and evaluating expressions”.
8. Complete the required amount of subsections per topic. See table below for the required amount. You may complete any subsections per topic as long as the required amount it met.
9. I would advise working on the course about 20-30 minutes/day.
10. When you have completed all topics for Pre-Algebra, please send the Percentage of Completion page to Mrs. Mendell.
11. Those students who were in Algebra should complete the required amount of the Algebra Khan Academy course this summer.
12. Mrs. Mendell’s email address is [jmendell@aquinastars.org](mailto:jmendell@aquinastars.org)
13. Those that complete the minimum requirement will receive a 100% test grade upon return.
14. Course Complete page should be emailed to us by August 23, 2018.
15. Have a great summer☺

**Algebra Khan Academy**

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| **Topic** | **Available** | **Subsections Required** |
| Algebra foundations | 49 | 25 |
| Solving equations | 53 | 27 |
| Solving inequalities | 27 | 14 |
| Working with units | 14 | 7 |
| Linear equations & graphs | 56 | 28 |
| Functions | 59 | 30 |
| Linear word problems | 26 | 13 |
| Sequences | 37 | 19 |
| Systems of equations | 51 | 26 |
| Inequalities (systems & graphs) | 27 | 14 |
| Absolute value & piecewise functions | 16 | 8 |
| Rational exponents & radicals | 41 | 21 |
| Exponential growth & decay | 32 | 16 |
| Polynomials | 62 | 31 |
| Factorization | 67 | 34 |
| Quadratics | 81 | 41 |
| Irrational numbers | 13 | 7 |