First Semester
Second Semester



## $4^{\text {th }}$ Nine Weeks - 45 days <br> (March $21^{\text {st }}-$ May $24^{\text {th }}$ ) <br> (April $7^{\text {th }}$ - No School) <br> (April $28^{\text {th }}-$ No School)

| TEKS | Unit 8: Angle Relationships (10 Days) <br> Students are expected to use informal arguments to <br> establish facts about the angle sum and exterior angle of <br> triangles, the angles created when parallel lines are cut by a <br> transversal, and the angle-angle criterion for similarity of <br> triangles. |
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| $7.4 \mathrm{D}, 8.12 \mathrm{~A}$, | Unit 9: Financial Literacy (10 Days) |
| Students extend their understanding of percent and <br> 8.12B, <br> formulas to compare interest rates, including simple and <br> compound interest, and loan lengths. Students investigate <br> the effect of the cost of credit and the total cost of repaying <br> that credit, whether it be with credit cards or loans.Students <br> compare the advantages and disadvantages of various <br> payment methods and analyze situations that constitute <br> financial responsibility and irresponsibility. Lastly, students <br> estimate the cost of college and devise a savings plan to pay <br> for the total estimated costs for at least the first year of <br> attendance. |  |

Unit 10: STAAR Review (10 Days)
Unit 11: Algebra Prep (7 Days)

EOY Screener (2 Days)
Final Exams (2 Days)
STAAR Testing are allotted (4 Days)
Each unit builds on algebraic equations solving concepts and rules, including the use of formulas. In addition the Personal Financial Literacy unit introduces important financial literacy concepts to help students build a baseline for financial planning. STAAR review time will provide an opportunity for students to revisit material learned in the beginning of the year.

Process Standards: 8.1A, 8.1B, 8.1C, 8.1D, 8.1E, 8.1F, 8.1G
The process standards describe ways in which students are expected to engage in the content. The process standards weave the other knowledge and skills together so that students may be successful problem solvers and use mathematics efficiently and effectively in daily life. When possible, students will apply mathematics to problems arising in everyday life, society, and the workplace.

