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| February | 2017 |

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| Monday | Tuesday | Wednesday | Thursday | Friday | Theme of the Week |
| 30  Solve systems of equations written in standard form using substitution  Solve systems of equations that are not both written in standard form using elimination | 31  Write systems of equations for cost/ticket problems  Write systems of equations for mystery number problems | 1  Write systems of equations for a variety of application problems  Solve systems of equations problems that follow the formulas cost of 1 + cost of 2 = total cost and units of 1 + units of 2 = total units | 2  Academic Awards Ceremony  Systems of Equations LAB | 3  Write systems of linear inequalities  Show the solution of a system of linear inequalities graphically | PotD:  Main Lessons: Systems of Equations Applications  **February 4: Mashone’s Birthday** |
| 6  **Systems of Equations**  **UNIT TEST** | 7  Unit 7: Polynomials and Exponents  Use the meaning of exponents to expand and simplify monomials  Use and understand the meaning of an exponent of zero, simplifying expressions | 8  Use and understand the meaning of a negative exponent, simplifying expressions | 9  **Exponents Intro Quiz**  Use the product of a power rule  Use the quotient of a power rule | 10  Use the power of a power rule  Use a variety of exponent rules to simplify expressions | PotD:  Main Lessons: Exponents |
| 13  Use a variety of exponent rules to simplify expressions | 14  Valentine’s Day  **Exponents Quiz**  Find the number of terms of a polynomial and the degree of a polynomial  Name a polynomial for number of terms and degree  Write polynomials in ascending and descending order, understanding that standard form is descending order | 15  Add and subtract polynomials by combining like terms | 16  Black History Month Program  Unit 6 (Systems of Equations) Data Dive  Parent Progress Report Conferences 5:00 pm | 17  Solve perimeter application problems involving polynomial side lengths and perimeters | PotD:  Main Lessons: Polynomials |
| 20  Multiply a polynomial by a monomial using exponent rules | 21  **Polynomials Quiz**  Multiply a binomial by a binomial using the FOIL method | 22  Use FOIL to solve area problems involving polynomials side lengths and areas | 23  Identify the GCF of a polynomial and factor it out Explain that expanding moves a polynomial towards standard form, while factoring moves a polynomial towards factored form, and that these are opposite directions Use factoring to identify missing side lengths of two dimensional shapes given polynomial areas | 24  *Mardi Gras Break*  *No School* | PotD:  Main Lessons: Polynomials (FOIL)  **February 28: Kennedy’s Birthday** |