





Collier County
Public Schools

Curriculum and Instruction

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| Course: Grade 8 Pre-Algebra (1205070) |
| Content Support/Contact: Amy Lovett (Amy.Lovett@collierschools.com) Secondary Math Coordinator |
| Technology Support/Contact: CCPS Help Desk (helpdesk@collierschools.com) |

| Week 1 | 3/23/20 | 3/24/20 | 3/25/20 | 3/26/20 | 3/27/20 |
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| Resource | ALEKS | ALEKS | ALEKS | ALEKS | ALEKS |
| Assignment | ALEKS Activity 1: Powers and Exponents | ALEKS Activity 2: Powers of Monomials | ALEKS Activity 3: Scientific Notation | ALEKS Activity 4: Decimals | ALEKS Activity 5: Roots |
| Resource | Math Nation | Math Nation | Math Nation | Math Nation | Math Nation |
| Assignment | Math Nation Activity 1: <u>Unit 8.7.1: Exponent Review</u> 8.7.1.1: Warm Up 8.7.1.3a: Broken Coin 8.7.1.5: Pr. Problems 1,2 | Math Nation Activity 2: <u>Unit 8.7.2: Multiply Powers of Ten</u> 8.7.2.1: Warm Up 8.7.2.3a: Multiplying Powers of Ten 8.7.2.5: Pr. Problems 1,2 | Math Nation Activity 3: <u>Unit 8.7.3: Powers of Powers of Ten</u> 8.7.3.1: Warm Up 8.7.3.2: Taking Powers of Powers of Ten [no video] 8.7.3.3a: How do Rules Work? 8.7.3.5: Pr. Problems 1,2 | Math Nation Activity 4: <u>Unit 8.7.4: Dividing Powers of Ten</u> 8.7.4.2a: Dividing Powers of Ten [no video] 8.7.4.3: Zero Exponent 8.7.4.6.: Pr. Problems 1,2,3 | Math Nation Activity 5: <u>Unit 8.7.5: Negative Exponents with Powers of Ten</u> 8.7.5.1: Warm Up 8.7.5.2: Negative Exponent Table [no video] 8.7.5.5: Pr. Problems 1,2,3 |
| Recommended Duration: | 45 – 60 minutes total | 45 – 60 minutes total | 45 – 60 minutes total | 45 – 60 minutes total | 45 – 60 minutes total |
| Optional: | <ul style="list-style-type: none"> Complete ALEKS topics towards pie mastery Explore content library on LearnSmart | | <ul style="list-style-type: none"> Reveal online resources Khan Academy SAT Review | | |

Directions for Accessing Assignments:

| ALEKS | Math Nation |
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| <ol style="list-style-type: none"> Log into your Canvas account (canvas.collierschools.com) Click on Resources (located on the lower left side bar) Click on the red McGraw Hill icon Click on the ALEKS icon Activities are located in the Assignments area of ALEKS  <p>Note: If this is your first time accessing ALEKS, you may have to complete an initial knowledge check and tutorial</p> | <ol style="list-style-type: none"> Log into your Canvas account (canvas.collierschools.com) Click on Resources (located on the lower left side bar) Click on the Math/Algebra Nation icon Select 8th Grade Math from the drop-down menu at the top left View the videos and do the practice assignments given in the chart above For extra assistance, refer to the Algebra Nation Informational PDF  |
| <p>Note: to work on additional ALEKS topics, please click on “continue my path” after completing the assignment</p> | <p>Notes: students can download and use the Math/Algebra Nation app on their cell phones and/or iPads</p> |