

Week of	Standard/Benchmark (Common Core)	Concept & Knowledge	Skills	Resources	PPT-Presentations, Practice book, notebook, worksheets as and when necessary.
Mar 19 – Mar 23	G-CO	<u>Rational Exponents, Radicals, and Complex Numbers</u>	<ul style="list-style-type: none"> ✓ Find square root ✓ Approximate roots. ✓ Find cube roots. ✓ Find nth roots. ✓ Find the nth root of a^n, where a is a real number. ✓ Find function values of square and cube roots. ✓ Graph square and cube root functions 	Algebra L: 8.1	
Mar 26 – Mar 30	G-CO	<u>Rational Exponents, Radicals, and Complex Numbers</u>	<ul style="list-style-type: none"> ✓ Use the product rule for radicals ✓ Use the quotient rule for radicals. ✓ Simplify radicals. ✓ Use the distance and midpoint formulas 	Algebra L: 8.3	
Apr 2 – Apr 6	G-CO	<u>Rational Exponents, Radicals, and Complex Numbers</u>	<ul style="list-style-type: none"> ✓ Add or subtract radical expressions. ✓ Multiply radical expressions 	Algebra L: 8.4	
Apr 16 – Apr 20	G-CO A.CED.3	<u>Rational Exponents, Radicals, and Complex Numbers</u>	<ul style="list-style-type: none"> ✓ Rationalize denominators. ✓ Rationalize denominators having two terms. ✓ Rationalize numerators 	Algebra L: 8.5	

Apr 23 – Apr 27	A.CED.3	<u>Rational Exponents, Radicals, and Complex Numbers</u>	<ul style="list-style-type: none"> ✓ Write square roots of negative numbers in the form bi. ✓ Graph complex numbers on the complex plane. ✓ Add or subtract complex numbers. ✓ Multiply complex numbers. ✓ Divide complex numbers. ✓ Raise i to powers 	Algebra L:8.7	PPT-Presentations, Practice book, notebook, worksheets as and when
Apr 30 – May 4	G-CO G-C G-GMD	<u>Sequences, Series, and Binomial theorem</u>	<ul style="list-style-type: none"> ✓ Write the terms of a sequence given its general term. ✓ Find the general term of a sequence. ✓ Solve applications that involve sequences 	Algebra L: 12.1	
May 7 –May 11	A.APR.1	<u>Sequences, Series, and Binomial theorem</u>	<ul style="list-style-type: none"> ✓ Identify arithmetic sequences and their common differences. ✓ Identify geometric sequences and their common ratios. ✓ Determine if a sequence is arithmetic or geometric 	Algebra L: 12.2	
May14 –18	A.APR.1	<u>Sequences, Series, and Binomial theorem</u>	<ul style="list-style-type: none"> ✓ Write series with summation notation. ✓ Find partial sums 	Algebra L: 12.3	End of Q4

Last week Revision