

**11th grade ~ Grade Level Focus Worksheet**

| = major (**about** 70%) = supporting (**about** 20%) = additional (**about** 10%) | | | |
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| **Conceptual Category/Domain/Cluster** | **%** | **Days** | **Lessons** |
| N.RN.A  Use properties of rational numbers and irrational numbers. |  |  |  |
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| N.Q.A  Reason quantitatively and use units to solve problems. | **all** |  |  |
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| N.CN.A  Perform arithmetic operations with complex numbers. |  |  |  |
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| N.CN.C  Use complex numbers in polynomial identities and equations. |  |  |  |
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| N.VM.C  Perform operations on matrices and use matrices in applications. |  |  |  |
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| A.SSE.A  Interpret the structure of expressions. | **all** |  |  |
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| A.SSE.B  Write expressions in equivalent forms to solve problems. |  |  |  |
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| A.APR.A  Perform arithmetic operations on polynomials. |  |  |  |
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| A.APR.B  Use polynomial identities to solve problems. |  |  |  |
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| A.CED.A  Create equations that describe numbers or relationships. | **all** |  |  |
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| A.REI.A  Understand solving equations as a process of reasoning and explain the reasoning. | **all** |  |  |
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| A.REI.B  Solve equations and inequalities in one variable. |  |  |  |
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| A.REI.D  Represent and solve equations and inequalities graphically. |  |  |  |
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| F.IF.A  Understand the concept of a function and use function notation. |  |  |  |
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| F.IF.B  Interpret functions that arise in applications in terms of the context. |  |  |  |
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| F.IF.C  Analyze functions using different representations. |  |  |  |
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| F.BF.A  Build a function that models a relationship between two quantities. |  |  |  |
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| F.BF.B  Build new functions from existing functions. |  |  |  |
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| F.LQE.A  Construct and compare linear, quadratic, and exponential models and solve problems. |  |  |  |
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| S.ID.C  Interpret linear models. |  |  |  |
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| Current percentages & days | | | Target percentages and days  Green 70%  Blue 20%  Orange 10% |