

**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.AUse properties of rational numbers and irrational numbers. |  |  |  |
|  |  |
| N.Q.AReason quantitatively and use units to solve problems. | **all** |  |  |
|  |  |
| N.CN.APerform arithmetic operations with complex numbers. |  |  |  |
|  |  |
| N.CN.CUse complex numbers in polynomial identities and equations. |  |  |  |
|  |  |
| N.VM.CPerform operations on matrices and use matrices in applications. |  |  |  |
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| A.SSE.AInterpret the structure of expressions. | **all** |  |  |
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| A.SSE.BWrite expressions in equivalent forms to solve problems. |  |  |  |
|  |  |
| A.APR.APerform arithmetic operations on polynomials. |  |  |  |
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| A.APR.BUse polynomial identities to solve problems. |  |  |  |
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| A.CED.ACreate equations that describe numbers or relationships. | **all** |  |  |
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| A.REI.AUnderstand solving equations as a process of reasoning and explain the reasoning. | **all** |  |  |
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| A.REI.BSolve equations and inequalities in one variable. |  |  |  |
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| A.REI.DRepresent and solve equations and inequalities graphically. |  |  |  |
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| F.IF.AUnderstand the concept of a function and use function notation. |  |  |  |
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| F.IF.BInterpret functions that arise in applications in terms of the context. |  |  |  |
|  |  |
| F.IF.CAnalyze functions using different representations. |  |  |  |
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| F.BF.ABuild a function that models a relationship between two quantities. |  |  |  |
|  |  |
| F.BF.BBuild new functions from existing functions. |  |  |  |
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| F.LQE.AConstruct and compare linear, quadratic, and exponential models and solve problems. |  |  |  |
|  |  |
| S.ID.CInterpret linear models. |  |  |  |
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| Current percentages & days  | Target percentages and days Green 70% Blue 20% Orange 10%  |