



NC Math 4 Instructional Blueprint
 NC DPI Resource: https://bit.ly/DPI_NCMath4

| UNIT | CONCEPT | DURATION | OCS PRIORITY STANDARD(S) | SUPPORTING STANDARD(S) | NC DPI | Apex |
|------|---|------------|--|--|------------------|------------------------------|
| 1 | Building Mathematical Community with ACT Prep (Complex Numbers, Matrices & Vectors) | 7-9 Days | NC.M4.N.2.2 | NC.M4.N.1.1 NC.M4.N.1.2 NC.M4.N.2.1 | Unit 1: Lesson 1 | |
| | | | | | Unit: ACT Prep | |
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| 2 | Functions | 7-9 Days | NC.M4.AF.4.2 NC.M4.AF.5.1 | NC.M4.AF.1.1 NC.M4.AF.1.2 NC.M4.AF.4.1 NC.M4.AF.5.2 | Unit 2 | Unit 1: 4 |
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| 3 | Logarithmic Functions | 8-10 Days | NC.M4.AF.3.3 NC.M4.AF.5.1 | NC.M4.AF.3.1 NC.M4.AF.3.2 | Unit 3 | Unit 2: 4,5,8,9 |
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| 4 | Trigonometry | 10-12 Days | NC.M4.AF.2.3 NC.M4.AF.5.1 | NC.M4.AF.2.1 NC.M4.AF.2.2 | Unit 4 | Unit 4: 4,9 Unit 5: 1,2,4 |
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| 5 | Exploratory Data Analysis | 13-15 Days | NC.M4.SP.1.2 | NC.M4.SP.1.1 NC.M4.SP.1.3 NC.M4.SP.1.4 | Unit 5 | |
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| 6 | Probability Distributions | 5-7 Days | | NC.M4.SP.3.1 NC.M4.SP.3.2 NC.M4.SP.3.4 | Unit 6: 1,2,3,4 | Unit 8: 3,4 Unit 9: 2,3 |
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| 7 | Statistical Inference | 13-15 Days | NC.M4.SP.2.3 NC.M4.SP.3.3 | NC.M4.SP.2.1 NC.M4.SP.2.2 | Unit 6: 7 | Unit 10: 3, 4 |
| | | | | | Unit 7: 1-7 | |

**Delta Math – may be used as a resource with the exception of Unit 5