

## Math Grade 8 Prioritized CCCs

For comprehensive views of the relationships of the CCCs to each other, see the Instructional Families at [https://wiki.ncscpartners.org/index.php/Instructional\\_Families](https://wiki.ncscpartners.org/index.php/Instructional_Families).

Domain	CCC		
The Number System	8.NO.1k3 Use approximations of irrational numbers to locate them on a number line. (8.NS.A.2)		
Expressions & Equations	8.PRF.1e2 Represent proportional relationships on a line graph. (8.EE.B.5)	8.PRF.1g3 Solve linear equations with 1 variable. (8.EE.C.7)	
Functions	8.PRF.2e2 Identify the rate of change (slope) and initial value (y-intercept) from graphs. (8.F.B.4)	8.PRF.1f2 Describe or select the relationship between the two quantities given a line graph of the situation. (8.F.B.5)	
Geometry	8.GM.1g1 Recognize congruent and similar figures. (8.G.A.2, 8.G.A.4)	8.ME.1e1 Describe the changes in surface area, area, and volume when the figure is changed in some way (e.g., scale drawings). (8.G.A.4)	8.ME.2d2 Apply the formula to find the volume of 3-dimensional shapes (i.e., cubes, spheres, and cylinders). (8.G.C.9)
Statistics & Probability	8.DPS.1h1 Graph bivariate data using scatter plots and identify possible associations between the variable. (8.SP.A.1)	8.DPS.1k2 Analyze displays of bivariate data to develop or select appropriate claims about those data. (8.SP.A.4)	

Developed for the SD DoE by



For information on how to use prioritized CCCs to inform instruction, please view the SD DoE website or [www.keystoneassessment.com](http://www.keystoneassessment.com)  
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