

Math Grade HS 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.

| Domain | CCC | | |
|--|--|---|---|
| Number and Quantity: (A) The Real Number System; (B) Quantities | (A) HS.NO.1a1 Simplify expressions that include exponents. (HSN-RN.A.2) | (B) H.ME.1a2 Solve real world problems involving units of measurement. (HSN-Q.A.1) | |
| Algebra: Creating Equations | H.PRF.2b1 Translate a real-world problem into a one-variable linear equation. (HSA-CED.A.1) | H.PRF.2b2 Solve equations with one or two variables using equations or graphs. (HSA-REI.A.1) | H.ME.1b2 Solve a linear equation to find a missing attribute given the area, surface area, or volume and the other attribute. (HSA-REI.B.3) |
| Functions: Interpreting Functions | H.PRF.1c1 Select the appropriate graphical representation of a linear model based on real world events. (HSF-LE.A.1) | H.PRF. 2c1 Make predictions based on a given model (for example, a weather model, data for athletes over years). (HSF-LE.A.3) | |
| Geometry: Similarity, Right Triangles, & Trigonometry | H.GM.1b1 Use definitions to demonstrate congruency and similarity in figures. (HSG-SRT.A.2) | | |
| Statistics & Probability: Interpreting Categorical & Quantitative Data | H.DPS.1b1 Complete a graph given the data, using dot plots, histograms, or box plots. (HSS-ID.A.1) | H.DPS.1c1 Use descriptive stats; range, median, mode, mean, outliers/gaps to describe data set. (HSS-ID.A.2) | |

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
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