| NYS Geometry Mathematics Learning Standards | | | | |
|---|---|---|---|---|
| Geometry<br>Congruence (G-CO) | | | | |
| | | Standard Code | Current Standard | Revised Standard Recommendation for 2018-19 | Additional Information/Notes |
| Cluster | A. Experiment with transformations in the plane. | G.CO.A.1 | | | |

Submit comments on the draft NYS Geometry Mathematics Learning Standards

| | | NYS Geometry Mathematics Learning Standards | | |
|---|---|---|---|---|
| | | Geometry<br>Congruence (G-CO) | | |
| | | Standard Code | Current Standard | Revised Standard Recommendation for 2018 | Additional Information/Notes |
| Cluster | C. Prove geometric theorems. | | | | |

| | | Standard Code | Current Standard | Revised Standard Recommendation for 2018 | Additional Information/Notes |
|---|---|---|---|---|---|
| Cluster | D. Make geometric constructions. | G.CO.D.12 | 12. Make formal geometric constructions with a variety of tools and methods (compass and straightedge, string, reflective devices, paper folding, dynamic geometric software, etc.). Copying a segment; copying an angle; bisecting a segment; bisecting an angle; constructing perpendicular lines, including the perpendicular bisector | | |

Geometry
Congruence (G-CO)

NYS Geometry Mathematics Learning Standards

| NYS Geometry Mathematics Learning Standards |
|---|
| Geometry |
| Similarity, Right Triangles and Trigonometry-(G |

| NYS Geometry Mathematics Learning Standards |
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Geometry
Similarity, Right Triangles and Trigonometry-(G-SRT)

| Standard |
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| | NYS Geometry Mathematics Learning Standards |
|---|---|

Geometry
Similarity, Right Triangles and Trigonometry-(G.SRT)

| Standard Code | Current Standard | Revised Standard Recommendation for 2018-19 |
|---|---|---|

| | | | | | appropriate for assessment. |
|---|---|---|---|---|---|
| | | G.SRT.D.11(+) | NEW ADDITION<br><br>11. (+) Understand and apply the Law of Sines and Cosines to find unknown measurements in right and non-right triangles (e.g., surveying problems, resultant forces). | 11. Understand and apply the Law of Sines and the Law of Cosines to find unknown measurements in any triangle. At this level, force diagrams should not be included.<br><br>Eliminate (+) | Including this standard in the Geometry course is consistent with the goal of achieving mastery of the trigonometric ratios sine, cosine and tangent. This is a natural progression from right triangles to all triangles. We struck the examples in the original + standard as they might not be applicable to the typical cohort of students taking Geometry, but added the modeling star "bullet" to show this standard should be utilized in "real world context." |

Geometry Drafandards

| NYS Geometry Mathematics Learning Standards |
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| Geometry |
| Circles (G-C) |

Submit comments on the draft NYS Geometry

| | | | NYS Geometry Mathematics Learning Standards | | |
|---|---|---|---|---|---|
| | | | Geometry Geometric Measurement and Dimension (GMD) | | |
| | | Standard Code | Current Standard | Revised Standard Recommendation for 2019 | Additional Information/Notes |
| Cluster | B. Visualize relationships between two | | | | |