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| --- | --- | --- | --- |
| **LG #** | **G04** | **Standards:** | **G-CO.4.12, G-CO.4.13** |
| **4.0** | **In addition to Score 3.0, in-depth inferences and applications that go beyond instruction to the standard.****The student will be able to:*** Use constructions to discover Euler’s Line.

**No major errors or omissions regarding the score 4.0 content.** |
| **3.5** | In addition to 3.0, in-depth inferences and applications with partial success. |
| **3.0** | **Students will be able to make geometric constructions.****The student will be able to:*** [Construct a segment bisector and angle bisector using a variety of tools and methods (compass and straightedge, string, reflective devices, paper folding, dynamic geometric software, etc.). (CO.4.12)](http://www.cpalms.org/Public/PreviewResource/Preview/57266)
* [Construct perpendicular lines and the perpendicular bisector of a line segment using a variety of tools and methods (compass and straightedge, string, reflective devices, paper folding, dynamic geometric software, etc.). (CO.4.12)](http://www.cpalms.org/Public/PreviewResource/Preview/57447)
* [Construct a line parallel to a given line through a point not on the line using a variety of tools and methods (compass and straightedge, string, reflective devices, paper folding, dynamic geometric software, etc.). (CO.4.12)](http://www.cpalms.org/Public/PreviewResource/Preview/57411)
* [Construct an equilateral triangle inscribed in a circle. (CO.4.13)](http://www.cpalms.org/Public/PreviewResource/Preview/59808)
* [Construct a square inscribed in a circle. (CO.4.13)](http://www.cpalms.org/Public/PreviewResource/Preview/59817)
* [Construct a regular hexagon inscribed in a circle. (CO.4.13)](http://www.cpalms.org/Public/PreviewResource/Preview/59737)

**No major errors or omissions regarding the score 3.0 content (simple or complex).** |
| **2.5** | No major errors or omissions regarding 2.0 content and partial knowledge of 3.0 content. |
| **2.0** | **The student recognizes and describes specific terminology such as:**

|  |  |  |
| --- | --- | --- |
| * Constructions
 | * Compass
 | * Straightedge
 |
| * Segment
 | * Angle
 | * Bisect
 |
| * Perpendicular Lines
 | * Perpendicular Bisector
 | * Parallel
 |
| * Point
* Regular Hexagon
 | * Equilateral Triangle
* Inscribed
 | * Square
* Circle
 |

**The student will be able to:*** Construct copies of [segments](http://www.cpalms.org/Public/PreviewResource/Preview/57263) and [angles](http://www.cpalms.org/Public/PreviewResource/Preview/70620) using a variety of tools and methods (compass and straightedge, string, reflective devices, paper folding, dynamic geometric software, etc.). (CO.4.12)
* [Construct the center of a circle. (CO.4.13)](http://www.cpalms.org/Public/PreviewResource/Preview/59729)
 |
| **1.5** | Partial knowledge of the score 2.0 content, but major errors or omissions regarding score 3.0 content. |
| **1.0** | With partial understanding of some of the simpler details and processes and some of the more complex ideas and processes. |
| **0.5** | With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes. |
| **0.0** | Even with help, no understanding or skill is demonstrated |