

# The Progression in Geometry and Measurement K – 12

March 7, 2019

10:00 a.m.–3:00 p.m.

**Macon Marriott Convention Center**  
**240 Coliseum Drive**  
**Macon, GA 31217**

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| 10:00 a.m. | <b>Welcome, Introductions, and Objectives</b><br>The goals for this bridge event are to help teachers: <ul style="list-style-type: none"><li>▪ Understand how the K–5 geometry and measurement standards support students’ work in algebraic thinking and fractions;</li><li>▪ Understand how the hands-on approach to geometry builds students’ intuitive understandings of congruence and similarity in grades 6–8; and,</li><li>▪ Understand how to introduce students to abstract geometric reasoning and geometric modeling in high school.</li></ul> | Dr. Russell Gersten |
| 10:05 a.m. | <b>Participant Views of Geometry</b><br>Geometry Noun and Verb Activity  | Dr. Bill McCallum   |
| 10:15 a.m. | <b>K-5 Standards in Geometry and Measurement</b><br>Notice and Wonder Activity on K-5 Standards in Geometry and Measurement  | Dr. Bill McCallum   |
| 10:30 a.m. | <b>Reasoning about Different Representations of One-Half</b> <ul style="list-style-type: none"><li>▪ Grade 3 Activity</li><li>▪ Discussion of Connection to Middle School Mathematics</li></ul>  | Dr. Bill McCallum   |

11:00 a.m.	<b>K-5 Standards in Geometry and Measurement Questions and Answers</b>	Dr. Bill McCallum
11:15 a.m.	<b>6-8 Standards in Geometry and Measurement</b> Notice and Wonder Activity on K-5 Standards in Geometry and Measurement	Dr. Bill McCallum
11:30 a.m.	<b>Area of Triangles</b> <ul style="list-style-type: none"> <li>▪ Grade 6 Activity</li> <li>▪ Discussion of Connection to Middle School Mathematics</li> </ul>	Dr. Bill McCallum
12:00 p.m.	<b>Lunch</b>	
1:00 p.m.	<b>6-8 Standards in Geometry and Measurement Questions and Answers</b>	Dr. Bill McCallum
1:15 p.m.	<b>High School Geometry Standards</b> Notice and Wonder Activity on High School Geometry Standards	Dr. Bill McCallum
1:30 p.m.	<b>Congruence of Alternate Interior Angles and the Use of Transformations as Reasoning Tools</b> <ul style="list-style-type: none"> <li>▪ Transversals Activity</li> <li>▪ Discussion of how Transformations are Used as Reasoning Tools</li> </ul>	Dr. Bill McCallum
2:00 p.m.	<b>High School Standards Questions and Answers</b>	Dr. Bill McCallum
2:30 p.m.	<b>Reflection</b>	Dr. Bill McCallum Dr. Russell Gersten
2:55 p.m.	<b>Stakeholder Feedback</b>	Mr. Kevin DiMatteo