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*Serving:*  
Butts, Fayette,  
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School Systems



## Use Mathematical Tools Strategically in the K-5 Classroom

Developing students' number sense entails multiple and varied experiences over time. Using concrete, visual, and symbolic representations can facilitate this process. (NCTM, 2015) When using concrete objects to illustrate mathematical principles, students participate more effectively in lessons and problem-solving because being “active” in learning increases students’ attention and engagement. (Belenky and Nokes, 2009)

During this session, participants will explore concepts using a variety of visual tools such as Cuisenaire rods, fraction towers, color tiles, number lines, dice, geoboards, etc. The instructor will provide participants with a variety of practice to make sense of numbers during everyday instruction using concrete models (tools and manipulatives). The instructor will share strategies and resources that will support TKES Standards 3 and 8 with practical takeaways that will positively impact teacher practice and student achievement.

<b>Date:</b>	January 18 <sup>th</sup> , 2023
<b>Time:</b>	8:30am – 3:30pm
<b>Location:</b>	Griffin RESA
<b>Cost:</b>	\$35 (Registration is required)
<b>Target Audience:</b>	K-5 <sup>th</sup> Teachers

Register online at [www.griffinresa.net](http://www.griffinresa.net)  
Registration Deadline: January 11<sup>th</sup>, 2023