Mathematics Teacher Professional Development Workshop

February 3, 2024

Offered by the Cornell University Department of Mathematics as part of MATH 4980/5080, together with the NYS Master Teacher Program & the Teacher Center of Central Westchester

AGENDA

9:00 – 9:15 am  Welcome & Overview

9:15 – 10:45 am  Useless & Irrelevant Math
Kristin LaBeau (No Limits Learning, LLC)

A survey of US adults think math is the subject in school most in need of an upgrade and many think the way to do this is to make math class more useful and relevant. But is this the main problem with math class? Should this be the problem we all tackle to improve math learning for students?

10:50 am – 12:05 pm  Mathematics and Origami
Nikhil Sahoo (Cornell University)

Description forthcoming.

12:05 – 12:35 pm  Break & Discussion

12:35 – 1:05 pm  Birds-of-a-Feather Session
Break-out rooms will be available for same grade / same class discussions.

1:05 – 2:20 pm  Mathematical Routines
Helene Alalouf (educational consultant)

By integrating the Mathematical Language Routines, we can promote students’ conceptual understanding, representation, and academic language. Meet the needs of all students, including ENLs and SWDs, through discourse with routines such as Three Reads, Stronger and Clearer Each Time, and Information Gap.

2:20 – 2:30 pm  Closing

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<th>Modality</th>
<th>Credit</th>
<th>Cost</th>
<th>Registration &amp; More Information</th>
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<tbody>
<tr>
<td>virtual</td>
<td>5½ CTLE hours or Master Teacher credit</td>
<td>free, unless seeking Cornell University credit</td>
<td><a href="https://e.math.cornell.edu/classes/math5080/">https://e.math.cornell.edu/classes/math5080/</a> Mary Ann Huntley (<a href="mailto:huntley@math.cornell.edu">huntley@math.cornell.edu</a>)</td>
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