



**Cornell University**  
Department of Mathematics  
MATH 5080 – Mathematics for  
Secondary School Teachers



**NYS Master  
Teacher Program**

**Mathematics Professional Development** (all sessions will be held via Zoom)

October 3, 2020 ◆ 9:00 am – 2:30 pm

**9:00 – 9:20 am**      **Welcome & Overview**

**9:30 – 10:30 am**      **Understanding the Mental Toll: Signals and Strategies for Supporting our Teachers and Students** (NCTM Webinar)  
*Kevin Dykema, Fawn Nguyen, Esther Song, Naomi Jessup, & Hilary Kreisberg*

Many challenges lie ahead as we approach the start of a new school year. Join us as we look at ways to support mental health for teachers and students in these unprecedented times.

**10:40 – 11:40 am**      **Using Math to Make Sense of Our World: Pandemics, Viruses, and Our Actions** (NCTM Webinar)  
*David Barnes, Beth Kobett, Jeff Shih, Sarah Bush, & Dan Teague*

Our world has changed with the spread of the coronavirus Covid-19. Mathematics provides a tool to better understand what is happening and why we are acting differently. Spanning elementary through high school, we will consider ways to engage in understanding the situation using mathematics.

**11:45 am – 12:35 pm**      **Lunch & Discussion**

In breakout rooms, participants will discuss focus questions based on the videos and then share with the whole group.

**12:45 – 2:15 pm**      **Assessment During Online Instruction**  
*Charles Clinton (Jamesville-DeWitt High School, NYS Master Teacher Emeritus)*

Most of us have some (or all) students online right now and we are struggling with how to assess them in this new reality. I will share a few resources with you in advance of this session that I have found work well and ask you to choose at least one to read/watch *before* this session. *During* this session we will discuss these resources in breakout rooms and I will also ask you to share your own experiences with assessing students during online instruction. We will collect our ideas into a shared document to develop a repository of alternative assessments and note their utility for different purposes. The design of this session allows me to model how I have led a math discussion PLT for five years, and encourage you to consider doing the same.

**2:20 – 2:30 pm**      **Closing**

**Click [here](#) to RSVP** (deadline – 12 noon on Tuesday, September 29, 2020)  
**Questions?** Contact Mary Ann Huntley (huntley@math.cornell.edu)