



# ISTEP+ 10 Mathematics 2018-2019

## A Steep Hill to Climb

Wednesday

Sept. 12, 2018

ISTEP+ 10 Mathematics is a process and not an event. Students are scored on both content knowledge and process knowledge used to support answers. Successful schools have designed a year-long plan for spring testing to ensure students are ready to meet the challenge.

This workshop is designed to help schools, teachers, and students to be better prepared for the spring 2018-19 math ISTEP+ assessment.

### *Workshop Objectives Addressed:*

#### >Identify Grade 10 Math “Big Ideas”

- Identify instructional strategies for surface, deep and transfer learning
- Understand depth of knowledge
- Learn how to implement mathematical discourse to reach deep understanding and knowledge retention
- Learn appropriate kinds of assessment questions

#### >Use ISTEP+ Data from 2018 to make decisions for 2019

- Participants are requested to bring their 2018 ISTEP+ Report: (Spring)

#### **Grade 10 Applied Skills Frequency Distribution Report**

- Apply report to student discourse and content knowledge

#### >Scoring Student Work

Participants will be sent a set of sample applied skills problems to administer to 10th grade students. These student papers will be scored during the workshop for content and process.

- >Participants will take home resources ready-made for classroom preparation for ISTEP+ 2018-19 math.



### **Workshop Facilitator: Robert Trammel**

- 1984 Outstanding Teachers Recipient University of Chicago
- 49 years of educational experience K-16
- Ft. Wayne Community Schools' K-12 Math Supervisor
- Ft. Wayne Purdue University Supervisor of Student Teachers 6-12
- IMI (Indiana Mathematics Initiative) Professional Development Leader
- National Speaker at NCTM Conventions
- Experience in 22 states as a professional developer for teachers

**Date:** Wednesday, September 12, 2018

**Times:** 8:30 a.m. Registration  
9:00 a.m. - 3:00 p.m. Workshop Hours

**Site:** East Central ESC,  
1601 Indiana Ave., Connersville

**Cost:** \$110 ECESC Members/\$220 Non-ECESC Members  
(Includes refreshments and materials)

**Register:** <https://goo.gl/forms/ixMDIYDJ12X6ghqF2>

**Questions:** Call (800) 669-3010 or send a message to  
[mbarbour@ecesc.k12.in.us](mailto:mbarbour@ecesc.k12.in.us)

**Class size is limited to the first 25 registrants**