



## PROFESSIONAL DEVELOPMENT CALENDAR

Summer 2019

**PLEASE BE SURE YOU SCROLL THRU THE PAGES TO REVIEW ALL PD CLASSES OFFERED**

<b>Course Name:</b>	<b>Geometer's Sketchpad Essentials</b>
<b>Location:</b>	District 93 – Technology Center Lab
<b>Instructors:</b>	Devon Wakeman
<b>Days:</b>	Monday -- Wednesday
<b>Dates:</b>	June 10th -- June 12th
<b>Time:</b>	8:30 a.m. – 1:30 p.m.

In this course, we will learn how to use the basic functions of *Geometer's Sketchpad* including 2D figures, angle measures, graphing in the coordinate plane, and addressing any questions participants have. We will also look at how to transfer these figures into PowerPoint and Word documents as well as how to use the equation tools in both PowerPoint and Word.

**This course is intended for Secondary Math Teachers as they have access to Geometer's Sketchpad preloaded on their district network access. To check that you have access, please log onto a district computer, go to the START menu, ALL PROGRAMS, and scroll down to a folder named SKETCHPAD, click on it, and double click on GSPS. If the program opens, you are good to go. If not, please email Jill Scott at [scottj@d93.k12.id.us](mailto:scottj@d93.k12.id.us).**

**COST: \$60 FOR ONE (1) CREDIT THROUGH NORTHWEST NAZARENE UNIVERSITY**

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**Course Name:** **Number Sense/Bar Modeling**

**Location:** PLC Building

**Instructors:** Rodd Rapp/Jill Scott

**Days:** Wednesday & Thursday

**Dates:** August 7<sup>th</sup>-8<sup>th</sup>, 2019

**Time:** 8:30 a.m. – 4:30 p.m.

Number Sense and Bar Modeling are two of the three pillars of Singapore Math. In this course we will incorporate strategies that build number sense by learning how to assign meaning to numbers and use that meaning to better understand how to use numbers in calculations and real world problems. The strategies of number bonding, place value, estimation, counting, and pictorial representations will be practiced along with part-whole and fractional thinking.

Model drawing is one of the main strategies used by Singapore Math teachers. It provides students with a powerful tool for tackling word problems they'll encounter in more advanced math and in everyday situations. The focus of this course will be to teach teachers the bar modeling strategy so they may help their students to become more proficient in solving everyday problems. We will solve problems involving the four operations, fractions, rates, ratios, percent, and other advanced model drawing topics.

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**Course Name:** **Strengthening Instruction/Daily Five**  
**Location:** Summit Hills Library  
**Instructors:** Rodd Rapp/Kim Case  
**Days:** Thursday & Friday  
**Dates:** August 8-9, 2019  
**Time:** 8:30 a.m. – 4:30 p.m.

This course is designed to familiarize educators with the following:

- The use of grade level specific data to ascertain specific student learning needs and trends
- The pyramid within a pyramid framework for RTI
- The use of the Daily Five Management Structure

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**PLEASE BE SURE YOU SCROLL THRU THE PAGES TO REVIEW ALL PD CLASSES OFFERED**

**Course Name:** **Writing Comprehensive CFAs**

**Location:** Summit Hills Library

**Instructors:** Rodd Rapp

**Days:** Monday & Tuesday

**Dates:** August 12<sup>th</sup> – 13<sup>th</sup>, 2019

**Time:** 8:30 a.m. – 4:30 p.m.

This course is designed to help teachers create valid, comprehensive CFAs using a balance of lower order and higher order questions, content and performance stems, and all four levels of DOK. Participants will learn how to design appropriate questions to ascertain student learning in subjects across the curriculum including Math, ELA, Science, Social Studies and electives. During the last session, participants will have the opportunity to create CFAs for use in their own classrooms.

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