



Professional Learning



Welcome to the New and Improved Archdiocese of Louisville 2019 Summer Professional Learning! We think you will find it different, yet familiar. We continue to offer quality professional learning for all educators in the Archdiocese by concentrating on the common initiatives that are shared by all. We hope you will explore these sessions and find yourself in them!

Please note a few of the changes (other than the format for the information):

- All sessions are arranged by Strands – You will notice the strand in the blue shaded box on the side.
- All sessions have been correlated to the Danielson's *Framework For Teaching (FFT)*.
- The Archdiocese of Louisville technology sessions are being offered in a "conference format." One day (June 17) is designed for "little people" (Pre-K – Grade 5); the other day (June 18) is designed for "big people" (Grades 6-12). Each day will start with a one-hour keynote followed by two sets of breakout sessions. Please note that you will register **BY DAY**. You can then choose to attend whichever breakout session you would like, provided there is enough room. All of these sessions will be held at ST. ALBERT THE GREAT SCHOOL.
- We have incorporated the *Imagining the Future of Learning Conference (IFL)* into our professional learning. However, you must still register for IFL by going to the website: <http://iflky.org>
- **Please bring a device with you.** We will not be able to provide equipment for participants.
- MATH MATTERS for grades 5-8 requires a separate registration and must be completed at <https://ctlonline.org/mmm-archlou>
- **REGISTRATION** procedures (other than for Math Matters, and IFL) remain largely unchanged. You will need to register for sessions you wish to attend by going to <https://www.archlou.org/PLregistration/>. You must complete all required fields in order for your request to be accepted by the system. (Please note that you register for the Technology Conference **BY DAY, not by session.**) Because space in sessions is limited please be aware that not all requests may be able to be honored. It is therefore better to register early than to wait.
- We will provide a *Verification Report* that provides the names of those enrolled in sessions. The first *Verification Report* will be published on the Archdiocesan website on Monday, May 6th. It will be updated weekly thereafter until the first day of sessions. For a direct link to the *Verification Report*, please go to <http://www.archlou.org/PLopportunities/>. If for any reason you need to cancel a request, please contact Debbie McGillicuddy at professionallearning@archlou.org to do so. Please note this is TO CANCEL ONLY.

We are excited to offer you a new format of professional learning in the Archdiocese. Look for more opportunities in the fall of 2019 and winter/spring 2020!

Terry Crawley: tcrawley@archlou.org

Debbie McGillicuddy: professionallearning@archlou.org





Professional Learning



2019 Summer Professional Learning Session Titles

Social Emotional Learning:

Emotional Regulation in Children (K-5) Managing Anxiety and Related Disorders	June 6	Mitchell
Toxic Stress and Trauma in the Classroom	June 6	Wagner
Student Depression	June 6	Wagner
Assessing the Brilliance of Every Student Through Cultural Resilience	June 10	E3/Juan Carlos Arauz
Creating 100% Student Engagement Using Culturally Relevant Strategies	June 10	E3/Juan Carlos Arauz
Developing a Self-Reflective Practice to Minimize Implicit Bias	June 11	E3/Juan Carlos Arauz
Teaching with an Inclusive Mindset: Strategies for Reaching Challenging Students	June 11	Bernie Schum, et al
Teaching Strategies for English Language Learners	June 11	Lewis
Cohort for Cultural Proficiency	June 12-14	E3/Juan Carlos Arauz
Fostering Growth Mindset In the Classroom (K-5; 6-12)	June 12	Catapult/Metz
Emotional Regulation in Adolescents: Managing Anxiety and Related Disorders (Grades 6-12)	June 13	Chapman

Curriculum, Instruction, Assessment:

Teaching Math for Deep Understanding (K-4; 5-8)	June 11	Catapult/Desormier
Developing Young Mathematicians: The Mathematical Practices (K-4; 5-8)	June 12	Catapult/Desormier
Instructional Planning in Math (K-5)	June 13	Catapult/Desormier
The Differentiated Classroom: Instructional Strategies (K-5; 6-8)	June 13	Catapult/Mansfield
Making Math Matter: Understanding the Number and Operations of Base Ten Progression (K-5)	June 18-19	CTL/Roland O'Daniel
Making Math Matter: Understanding the Proportional Reasoning Progression (5-8)	June 18-19	CTL/Roland O'Daniel



Professional Learning



2019 Summer Professional Learning Session Titles

Thought Sessions for Special Areas:

Art	June 10
Music	June 10
PE	June 11
Foreign Language	June 12

Leadership Learning:

Using the Danielson Framework as a Foundation for School Improvement	June 4	The Danielson Group
PLC at Work (K-12)	June 10	Solution Tree
RTI at Work (K-12)	June 11	Solution Tree

Technology: Conference Breakout Sessions

Using iOS Apps to Show What You Know (K-5)	June 17	Koch
App Overview	June 17	DeGrella
Acceptable Use /Tech Communication with Parents	June 17	Henderson
iPads and Early Readers	June 17	Elliott
Google Earth & National Geographic for Littles	June 17	Rataj
Maker Space (K-5)	June 17	Elliott
Meeting Standards through Coding	June 17	Koch
App Overview Design	June 17	DeGrella
Google Apps for Education for Littles	June 17	Henderson
Student- created Field Trips Using VR for Littles	June 17	Rataj
Technology Integration and Literacy	June 18	Elliott
Using iOS Apps to Show What You Know (6-12)	June 18	Koch
Video Production Overview	June 18	DeGrella
Acceptable Use/Tech Communication with Parents/ Social Media	June 18	Henderson
Google Earth & National Geographic for Bigs	June 18	Rataj
Maker Space for 6-9	June 18	Elliott
Design Projects and 3 D Printing	June 18	Koch
Video Design	June 18	DeGrella
Convert Your Presentations to Google for Chromebooks	June 18	Henderson
Student- created Field Trips Using VR for Bigs	June 18	Rataj



Emotional Regulation in Adolescents:

Managing Anxiety and Related Disorders in This Day and Age (Grades 6-12)

Dr. Kevin Chapman

Thursday, June 13

8:30 – 11:30

Danielson FFT: 2A, 2D

Flaget Center

The following will be explored in this workshop:

- The prevalence rates of anxiety and related disorders in the United States
- The etiology of anxiety and related disorders
- The problem of “emotional dysregulation”
- Discussion of the gold standard treatment of anxiety and related disorders
- Techniques and strategies for effectively managing anxiety and other strong emotional experiences

Emotional Regulation in Children: Managing Anxiety and Related Disorders (Grades K-5)

Dr. Chelsea Mitchell

Thursday, June 6

8:30 – 11:30

Danielson FFT: 2A, 2D

Flaget Center

In this workshop, the following will be explored:

- Understanding how, why, and when anxiety occurs in children
- Discussion of evidence-based treatment for anxiety and related disorders
- Developmentally appropriate techniques and strategies for effectively catching and managing anxiety in the classroom setting



Professional Learning



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Fostering Growth Mindset in the Classroom (K-5)

Catapult/Diane Metz

Wednesday, June 12

8:30 – 11:30

Danielson FFT: **2B, 2A, 2 D**

Flaget Center

This session explores strategies for fostering **K- 5 classroom environments** permeated by a growth mindset, where risk-taking, mistakes, challenges and persistence are not only valued but expected. In this workshop participants will:

- Explain the tenets of growth mindset
- Differentiate between a growth mindset and a fixed mindset
- Compare and contrast the learning and performance zone, and discuss how to make those differences clear to students
- Identify strategies that support self-reflection, practice and engagement in the learning zone
- Explore strategies to create opportunities for students to take risks, engage in exploratory learning and engage with challenges

Fostering Growth Mindset in the Classroom (6-12)

Catapult/Diane Metz

Wednesday, June 12

1:00 – 4:00

Danielson FFT: **2B, 2A, 2 D**

Flaget Center

This session explores strategies for fostering **6- 12 classroom environments** permeated by a growth mindset, where risk-taking, mistakes, challenges and persistence are not only valued but expected. In this workshop participants will:

- Explain the tenets of growth mindset
- Differentiate between a growth mindset and a fixed mindset
- Compare and contrast the learning and performance zone, and discuss how to make those differences clear to students
- Identify strategies that support self-reflection, practice and engagement in the learning zone
- Explore strategies to create opportunities for students to take risks, engage in exploratory learning and engage with challenges

Student Depression

Patrick Wagner

Thursday, June 6

1:00-4:00

Danielson FFT : **2A, 2D**

Flaget Center

As far as the second session, I want to explore student depression for another 3 hrs. Teachers will learn the origins of student depressive symptoms, how and why more students are presenting with depression. What it looks like in their classroom, warning signs and how to address it. Teachers will get information on how to provide resources to families, adapt their classroom and teaching styles to support students suffering from depression. What to do and not do if a student is presenting with suicidal feelings. And how to implement social and emotional classroom activities to encourage classroom compassion among peers.



Professional Learning



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Teaching Strategies for English Language Learners

Brandon Lewis
Danielson FFT : 2A, 2B, 4F

Tuesday, June 11 **1:00-4:00**
Flaget Center

In this one day introductory ESL overview course we will focus on Sheltered Instruction Observation Protocol (SIOP). We will specifically focus on four components that can enable you to reach all learners in your classes. We will primarily focus on: 1.) Preparation of the Lesson 2.) Building Background 3.) Comprehensible Input 4.) Strategies for Vocabulary Development. When these components are coupled with educational best practices you will have additional tools to use everyday within any context. When you come to the session, please bring your favorite lesson plan. We will be analyzing those plans and taking them through a checklist to see how they align with SIOP.

Teaching with an Inclusive Mindset: Strategies for Reaching Challenging Students

Bernie Schum, Debbie Heaverin, Mike Magre
Danielson FFT: 2A

Tuesday, June 11 **8:30-11:30**
Flaget Center

This session will be presented by a school counselor, a learning differences program director and experienced classroom teacher. Topics covered include: working with diverse learner groups, implementing teaching and learning strategies, recognizing learning differences and socio-emotional issues that impact learning, creating classroom environments that invite all students to engage in learning.

Toxic Stress and Trauma in the Classroom

Patrick Wagner
Danielson FFT: 2A, 2D

Thursday, June 6 **8:30 – 11:30**
Flaget Center

Participants will learn the ABC's of trauma, how kids experience it, how it impacts their learning styles and how it impedes their growth socially and academically. Participants will also learn about how to adapt their classroom to be more trauma informed to avoid unintended stressful situations for our students. They will also get a chance to explore their own bias about trauma and dispel myths or misinformation. And lastly, they will work on their own vicarious trauma and learn how to cope and prevent themselves from burning out.



Professional Learning



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Developing Young Mathematicians: The Mathematical Practices (K- 4)

Catapult/ Dennis Desormier

Wednesday, June 12

8:30 – 11:30

Danielson FFT: **1E, 3B, 4A, 3C**

Flaget Center

Math standards have increasingly emphasized that students need to not only learn math topics, but also to develop the core critical thinking skills that come with being a young mathematician.

In this workshop, participants will:

- Distinguish eight “Math Practices” that describe the skills of mathematicians at all age levels
- Learn how to embed these skills in problem solving
- Identify techniques for questioning and teaching that develop these skills on a day-to-day basis
- Self-assess teachers’ own strengths and weaknesses as mathematicians and critical thinkers in everyday life to establish a baseline for helping their students improve as well
- Create tasks with varying levels of cognitive demands and differentiate tasks so that all students can grow

Developing Young Mathematicians: The Mathematical Practices (5- 8)

Catapult/ Dennis Desormier

Wednesday, June 12

1:00 – 4:00

Danielson FFT: **1E, 3B, 4A, 3C**

Flaget Center

Math standards have increasingly emphasized that students need to not only learn math topics, but also to develop the core critical thinking skills that come with being a young mathematician.

In this workshop, participants will:

- Distinguish eight “Math Practices” that describe the skills of mathematicians at all age levels
- Learn how to embed these skills in problem solving
- Identify techniques for questioning and teaching that develop these skills on a day-to-day basis
- Self-assess teachers’ own strengths and weaknesses as mathematicians and critical thinkers in everyday life to establish a baseline for helping their students improve as well
- Create tasks with varying levels of cognitive demands and differentiate tasks so that all students can grow

Instructional Planning in Math (K-5)

Catapult/Dennis Desormier

Thursday, June 13

8:30 – 3:30

Danielson FFT: **1D, 1E**

Flaget Center

During this workshop participants will:

- Eliminate nonessential content from textbooks and identify gaps that must be filled in
- Outline step-by-step processes for planning a well-sequenced year of coherent units of instruction
- Learn how to frame lessons and units with strong questions that increase the coherence in learning
- Use math-specific techniques to unpack standards into detailed objectives for upcoming units of study
- Create stronger unit and lesson plans, using several exemplars as models



Thought Session for Art Teachers

Monday, June 10

Flaget Center

9:00 – 11:00

Danielson FFT: **4A, 4E**

Have you ever wondered what **ART** teachers do in other Archdiocesan schools and how they do it? Have you ever thought about how their rooms look (does each **ART** teacher have a room?), what kinds of schedules they have, what the expectations for them are? Have you pondered how it might be to have a group of other **ART** teachers to bounce ideas around...to look at curriculum, instructional strategies and assessments...to decide what kinds of professional learning is needed/wanted/possible?

If you have answered YES to any or all of these questions, attend the THOUGHT SESSION for Teachers of **ART** to discuss these issues and more. Let's see what the collective wisdom can do to move art programs in the Archdiocese forward. This session will be highly participative and result in plans moving forward. Join in the excitement!



Thought Session for MUSIC Teachers

Monday, June 10

Flaget Center

1:30 – 3:30

Danielson FFT: **4A, 4E**

Have you ever wondered what **MUSIC** teachers do in other Archdiocesan schools and how they do it? Have you ever thought about how their rooms look (does each **MUSIC** teacher have a room?), what kinds of schedules they have, what the expectations for them are? Have you pondered how it might be to have a group of other **MUSIC** teachers to bounce ideas around...to look at curriculum, instructional strategies and assessments...to decide what kinds of professional learning is needed/wanted/possible?

If you have answered YES to any or all of these questions, attend the THOUGHT SESSION for Teachers of **MUSIC** to discuss these issues and more. Let's see what the collective wisdom can do to move music programs in the Archdiocese forward. This session will be highly participative and result in plans moving forward. Join in the excitement!





Professional Learning



Thought Session for Physical Education Teachers

Tuesday, June 11

Flaget Center

9:00 – 11:00

Danielson FFT: **4A, 4E**



Have you ever wondered what **PE teachers** do in other Archdiocesan schools and how they do it? Have you ever thought about how their rooms look (does each **PE** teacher have a room? a gym?), what kinds of schedules they have, what the expectations for them are? Have you pondered how it might be to have a group of other **PE** teachers to bounce ideas around...to look at curriculum, instructional strategies and assessments...to decide what kinds of professional learning is needed/wanted/possible?

If you have answered YES to any or all of these questions, attend the THOUGHT SESSION for Teachers of **PHYSICAL EDUCATION** to discuss these issues and more. Let's see what the collective wisdom can do to move the physical education programs in the Archdiocese forward. This session will be highly participative and result in plans moving forward. Join in the excitement!

Thought Session for Foreign Language Teachers

Wednesday, June 12

Flaget Center

1:30 – 3:30

Danielson FFT: **4A, 4E**

Have you ever wondered what **FOREIGN LANGUAGE** teachers do in other Archdiocesan schools and how they do it? Have you ever thought about how their rooms look (does each **FOREIGN LANGUAGE** teacher have a room?), what kinds of schedules they have, what the expectations for them are? Have you pondered how it might be to have a group of other **FOREIGN LANGUAGE** teachers to bounce ideas around...to look at curriculum, instructional strategies and assessments...to decide what kinds of professional learning is needed/wanted/possible?

If you have answered YES to any or all of these questions, attend the THOUGHT SESSION for Teachers of **FOREIGN LANGUAGE** to discuss these issues and more. Let's see what the collective wisdom can do to move the foreign language programs in the Archdiocese forward. This session will be highly participative and result in plans moving forward. Join in the excitement!



THOUGHT SESSIONS for SPECIAL AREAS



Professional Learning



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PLC at WORK (K-12)

Solution Tree

Danielson FFT: 4D

Monday, June 10

Pastoral Center

8:30 – 3:30

Gain an understanding of the PLC process, including the three big ideas of a PLC focus on student learning, focus on collaboration, and focus on results – and learn how to customize it to meet your needs. You and your team will:

- Understand the benefits of PLCs and how to implement them in your school
- Develop and maintain a healthy collaborative culture
- Answer and utilize the four critical questions every PLC must address

RTI at WORK (K-12)

Solution Tree

Danielson FFT: 3E, 3D

Tuesday, June 11

Flaget Center

8:30 – 3:30

This workshop provides a comprehensive overview of the RTI at Work model. You and your team will be introduced to the essential elements needed to create a highly effective, multi-tiered system of support (MTSS) to ensure all students learn at high levels. This includes how to:

- Build effective teams to know when and how to respond to students
- Prioritize essential learning outcomes for optimal focus on what students should learn
- Target assessments to help identify what they have learned or not
- Systematically respond when students need remediation and enrichment

Using the Danielson Framework as a Foundation for School Improvement

Ann Cummins-Bogan

Tuesday, June 4

Pastoral Center

8:30 – 3:30

The goals of this session are to develop a shared understanding of effective collaborative teams and to develop strategies to integrate the Framework for Teaching as a tool for reflecting on practice to continuously improve teaching and learning. The outcomes include developing a shared understanding of the qualities of effective teams at the school and classroom level; understanding the 4 assumptions and big ideas of the Framework for Teaching; establishing a common definition of student engagement; and revisiting the four domains of the Framework to align with professional growth plans and collaborative work among teachers. Ann Cummins Bogan, the presenter, has worked with four elementary schools in the Archdiocese on deepening their understanding of the framework this school year, the framework’s alignment to school and district initiatives and she will provide that support for other school teams and individuals in this workshop.



Professional Learning



Technology Conference

Bring Your Own Device!



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To register for IFL go to their website:

<http://iflky.org>

KEYNOTE SPEAKER

MATT MILLER

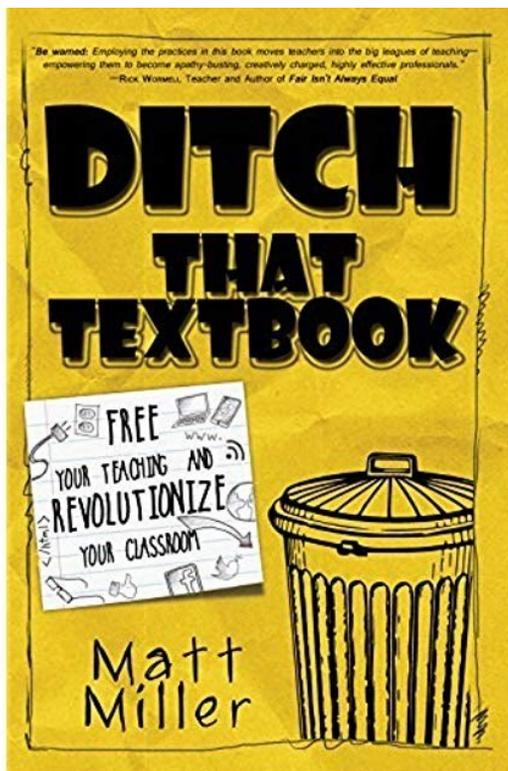
June 20 and 21, 2019

June 20, 2019

- 7:45 - 8:15 - Registration and Vendor time
- 8:15 - 8:30 - Welcome
- 8:35 - 9:45 - Keynote
- 9:45 - 10:00 - Explanation of IFL procedures, transition
- 10:10 - 11:25 - Pavilion 1
- 11:30 - 12:30 - Lunch and Vendor time
- 12:40 - 1:55 - Pavilion 2
- 2:05 - 3:20 - Pavilion 3

June 21, 2019

- 7:45 - 8:15 - Registration and Vendor time
- 8:15 - 9:30 - Pavilion 4
- 9:40 - 10:55 - Pavilion 5
- 11:05 - 12:20 - Pavilion 6
- 12:20 - 1:15 - Lunch and Vendor time
- 1:15- 2:30 - Tech Smackdown, Closing, and Door Prizes





Professional Learning



Technology Conference - DAY ONE

Monday—JUNE 17, 2019 [Bring Your Own Device!](#)



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PRE-K – GRADE 5

all Sessions held at St. Albert the Great School/1395 Girard Drive / Louisville, KY 40222

8:30 – 9:30 [Lori Elliott](#)

KEYNOTE: Technology Integration and How It Energizes Student Learning

BREAK-OUT SESSIONS

9:30 – 11:30

iPads and Early Readers

Lori Elliott

Danielson FFT: 3C

Looking for ways to make your iPads even more beneficial for reading instruction? Lori will share lesson ideas, strategies, apps, and management tips for helping you beginning readers jump into reading. You will leave with apps and ideas to use immediately

Using iOS Apps to Show What You Know K-5

Adele Koch

Danielson FFT: 3C

Your students can show what they know in many ways. This session will focus on FREE iOS apps that will run on both iOS 10 iPads and newer updated iPads. We will look at what apps can be used to document and present, and how more than one app can be used to create a single project through app smashing.

App Overview

Amada DeGrella

Danielson FFT: 3C

This class will provide an overview of a variety of apps that can be used within the classroom to keep students engages while delivering meaning content. Bring ideas of specific content you would like to create. You will leave this course with the basics on how you could use this in your classroom. Headphones with microphone are a plus.

Acceptable Use/Tech Communication with Parents

Bill Henderson

Danielson FFT: 4C

In this session we will look at fair an acceptable use policies and how it pertains to our classrooms and students. We will review best practices for classroom policies and procedures with student devices. We will also focus on how you can more effectively display your student work, your online presence and communicate with your parents. Examples are online student archives, classroom or teacher websites, social media accounts/procedures and communication policies.

Google Earth and National Geographic for Littles (PK-5)

Lauren Rataj

Danielson FFT: 3C, 1E

Join Lauren Rataj, Oldham County Digital Learning Coach, in learning about Google Earth and how this platform can help to leverage student experiences in your classroom. Google Earth allows students in all content areas to explore the world by visiting locations and interacting with knowledge in an immersive location-based way. We will look at the basics of Google Earth and its easy-to-access options like Search, Voyager, I'm Feeling Lucky, My Places, and Share as well as more advanced tools to enhance student learning like Earth Timelapse, GE Teach, Google Lit Trips, and more. Come learn about and explore this experiential platform and begin planning how you can embed Google Earth to create unforgettable experiences for your students in your classroom this fall!

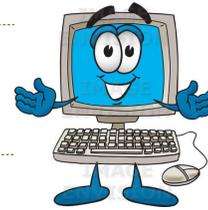


Professional Learning



Technology Conference - DAY ONE

Monday—JUNE 17, 2019 [Bring Your Own Device!](#)



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BREAK-OUT SESSIONS (Monday - June 17, 2019)

1:00 – 4:00

Maker Space for K-5

Lori Elliott

Danielson FFT: 3C

Join the movement! In this session, learn how to create a maker space that is organized and works in your space. Get ideas for lessons that you can use to keep students thinking creatively, innovating, problem-solving, collaborating with others, and learning through this innovative and hands-on approach.

Meeting Standards Through Coding

Adele Koch

Danielson FFT: 3C

Coding and robots can be used in a wide variety of subjects to meet various Archdiocesan standards. From Early Childhood on up, the standards and the fun of coding can be used together to teach our students.

App Overview Design

Amanda DeGrella

Danielson FFT: 3C

We will use the apps discussed in session 1 (not required) and dive into developing meaningful content teachers will use in their own classroom. Bring your curriculum/teacher guides. You will leave this course with materials you have created that can be used in your classroom. Headphones with microphone are a plus.

Google Apps for Education for "Littles"

Bill Henderson

Danielson FFT: 1D

We will take the best practices from the book of the same name by Christine Pinto and Alice Keeler. Pre-K and elementary school-aged children are naturally curious about the world around them. They love to explore and play, in fact, that's how they learn. That innate drive to discover and willingness to try is also what makes Littles great at embracing new opportunities. Google Apps for Littles equips you with . .

- Practical ways to approach technology with young learners
- Activities for integrating Google Apps in the primary classroom
- Easy-to-implement ideas for using G Suite as an educator
- Exercises that build important skills, such as critical thinking and collaboration

Student-Created Field Trips using VR for "Littles" (PK-5)

Lauren Rataj

Danielson FFT: 3C

Join Lauren Rataj, Oldham County Digital Learning Coach, on a journey to create your own immersive, 360-degree tours using Google Tour Creator. This platform allows teachers to create learning experiences for students that would not be possible inside the four walls of their classroom. It also allows students to create their own experiences to demonstrate their learning in a new and engaging way. Move over Information Age, here comes the Age of Experience!



Professional Learning



Technology Conference - DAY TWO

Tuesday—JUNE 18, 2019 **Bring Your Own Device!**



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GRADES 6 -12

All Sessions held at St. Albert the Great School/1395 Girard Drive / Louisville, KY 40222

8:30 – 9:30 Lauren Rataj KEYNOTE: All Things Google

BREAK-OUT SESSIONS

9:30 – 11:30

Technology Integration and Literacy

Lori Elliott

Danielson FFT: **3C**

Understand the importance of integrating technology seamlessly within instruction to equip students with skills necessary for success in today's world. Discover appropriate digital tools and apps to engage and challenge students. Learn how to select, organize, and manage technology resources. Find ways to deepen understanding of literacy in collaborative, relevant digital projects.

Using iOS Apps to Show What You Know 6-12

Adele Koch

Danielson FFT: **3C**

Your students can show what they know in many ways. This session will focus on FREE iOS apps that will run on both iOS 10 iPads and newer updated iPads. We will look at what apps can be used to document and present, and how more than one app can be used to create a single project through app smashing.

Video Production Overview

Amada DeGrella

Danielson FFT: **3C**

This class will provide an overview of a variety of applications that can be used to create videos within your classroom. This is also a great way to design instruction for distance learning (online snow days). Headphones with a microphone are a plus.

Acceptable Use/Tech Communication with Parents/Social Media

Bill Henderson

Danielson FFT **4C**

In this session we will look at fair an acceptable use policies and how it pertains to our classrooms and students. We will review best practices for classroom policies and procedures with student devices. We will also focus on how you can more effectively display your student work, your online presence and communicate with your parents. Examples are online student archives, classroom or teacher websites, social media accounts/procedures and communication policies.

Google Earth and National Geographic for "Bigs" (6-12)

Lauren Rataj

Danielson FFT: **3C, 1E**

Join Lauren Rataj, Oldham County Digital Learning Coach, in learning about Google Earth and how this platform can help to leverage student experiences in your classroom. Google Earth allows students in all content areas to explore the world by visiting locations and interacting with knowledge in an immersive location-based way. We will look at the basics of Google Earth and its easy-to-access options like Search, Voyager, I'm Feeling Lucky, My Places, and Share as well as more advanced tools to enhance student learning like Earth Timelapse, GE Teach, Google Lit Trips, and more. Come learn about and explore this experiential platform and begin planning how you can embed Google Earth to create unforgettable experiences for your students in your classroom this fall!

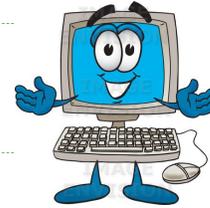


Professional Learning



Technology Conference - DAY TWO

Tuesday—JUNE 18, 2019 **Bring Your Own Device!**



BREAK-OUT SESSIONS (Tuesday - June 18, 2019)

1:00 – 4:00

Maker Space for 6- 9

Lori Elliott

Danielson FFT: **3C, 2E**

Join the movement! In this session, learn how to create a maker space that is organized and works in your space. Get ideas for lessons that you can use to keep students thinking creatively, innovating, problem-solving, collaborating with others, and learning through this innovative and hands-on approach.

Design Projects and 3D Printing

Adele Koch

Danielson FFT: **1D, 1E**

Students can be super creative when solving problems and working through the design process. A 3D printer can add to this design process by allowing students to prototype and evaluate their proposed solutions. This session will look at several design projects completed by students this year and how the integrated into subject areas.

Video Design

Amanda DeGrella

Danielson FFT: **3C, 1E**

Using the apps discussed in session 1 (not required), we will dive into developing video lessons you could use in your classroom or for an online learning day and create video samples to show your students how to create meaningful content. Bring curriculum that you would like to design. Headphones with microphone are also a plus.

Convert your Presentation to Google for Chromebooks (Classroom Creation with Chromebooks)

Bill Henderson

Danielson FFT: **1D, 1E**

You've got Chromebooks and you are a 'digital leader' now what? You don't have to reinvent the wheel! (or your worksheets) Update those lessons that are tried and true for the students of today. We will explore how to create interactive lessons using Google tools and look at tons of resources you can easily integrate into your lessons! We will also talk about ways you can get your students creating their own content in your classes using their Chromebooks.

Student-created Field trips Using VR for "Bigs" (6-12)

Lauren Rataj

Danielson FFT: **3C**

Join Lauren Rataj, Oldham County Digital Learning Coach, on a journey to create your own immersive, 360-degree tours using Google Tour Creator. This platform allows teachers to create learning experiences for students that would not be possible inside the four walls of their classroom. It also allows students to create their own experiences to demonstrate their learning in a new and engaging way. Move over Information Age, here comes the Age of Experience!

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Professional Learning



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Making Math Matter: Understanding the Number and Operations Base Ten Progression (K-5)

CTL/ Roland O'Daniel

Multiple days

Danielson FFT: **1C, 1E, 3C, 4A**

CTL

This series of workshops is designed to give elementary math teachers deeper understanding and instructional strategies to engage students in the number and operations base ten learning progression. Participants will:

- Explore what it means to teach explicit strategies for solving basic computation problems and generalize through the progression.
- Plan classroom instruction to teach students how to use strategies to solve problems and engage students in productive practice.
- Engage in problem solving using multiple models and learning activities that make this content accessible for students.
- Discover how instruction to support conceptual development and strategy use supports mathematics learning for all students.

THE SUMMER SESSION WHICH INITIATES THIS WORKSHOP SERIES IS CLOSED!!!!

WATCH THIS FALL FOR THE NEXT OPPORTUNITY TO REGISTER FOR THIS SERIES.

Making Math Matter: Understanding the Proportional Reasoning Progression (5 -8)

CTL/ Roland O'Daniel

Multiple days

Danielson FFT: **1C, 1E, 3C, 4A**

CTL

This series of workshops is designed to give middle school math teachers deeper understanding and instructional strategies to engage students in the proportional reasoning progression.

Participants will:

- Explore what it means to think proportionally and the conceptual progression involved.
- Plan classroom instruction to teach students how to tackle proportionality problems through mathematical reasoning.
- Engage in sample problem sets and learning activities that make this content accessible for students.
- Discover how instruction to support conceptual development supports mathematics learning for all students.

This multi-day, ongoing initiative begins on June 18-19 at CTL.

**To sign up for this exciting opportunity,
please see the flyer at the end of this catalog for the live registration link.**



Professional Learning



Making Math Matter

Understanding the Proportional Reasoning Progression



A professional learning workshop series to give Archdiocese of Louisville middle school math teachers deeper understanding and instructional strategies to engage students in the proportional reasoning progression.

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workshop participants will:

EXPLORE

what it means to think proportionally and the conceptual progression involved.

PLAN

classroom instruction to teach students how to tackle proportionality problems through mathematical reasoning.

ENGAGE

in sample problem sets and learning activities that make this content accessible for students.

DISCOVER

how instruction to support conceptual development supports mathematics learning for all students.

who should attend?

GRADE 5-8 MATH TEACHERS & TEACHER TEAMS WHO WANT TO:

- ✓ Learn the proportional reasoning progression and instructional practices to support it.
- ✓ Work together to understand how the progression builds off of content learned previously and sets students up for success in later mathematics.
- ✓ Make connections among and across academic standards and the Standards for Mathematical Practice.

why attend?

DEVELOPING A MATHEMATICAL PROGRESSIONS SUPPORTS:

- › Critical Thinking
- › Problem solving
- › Communication
- › Mathematical vocabulary
- › Creativity
- › Quantitative literacy
- › Multiple representations

how to attend?

REGISTER YOURSELF OR YOUR TEAM ONLINE TODAY!

Workshop dates:
 Workshop is a total of four days (2 days in summer, 2 days during the semester, plus individual coaching)
 June 18, 19
 September 18
 October 16
 Location:
 Collaborative for Teaching and Learning
 2303 River Road, Suite 100
 Louisville, KY 40206
 Registration Deadline:
 June 1, 2019

Registration Link: <https://ctlonline.org/mmm-archlou>