Floyd County Schools
Professional Learning Academy
July 27th and 28th, 2016
Allen Central High School
Important Details

- Registration will begin in school front lobby for Day 1 7:30-8:15 A.M.
- Registration will begin in school front lobby for Day 2 7:45-8:25 A.M.
- Welcome and opening remarks by Dr. Webb will begin at 8:15 A.M. on the first day in the gymnasium.
- Presenters will give session stickers in a packet when signing in. Please give these stickers to participants at the end of each session and return unused stickers to the front lobby at the end of each day.
- Lunch will be provided in the school cafeteria for presenters both days of the PD Academy.
- Participants need to sign in and out each day at the table that you signed in at in the front lobby.
- Please make sure that you turn your sticker sheet in to your building administrator on the last day of the PD Academy.
- Closing Session on Day 2 will be held in the gym at 3:55.

Tear off to put in box for prizes at the end of 2nd day. Must be present to win.
Session Title: **Social Studies Standards for Elementary**  
Presenters: Susan Tackett and Janice Hamilton  
Room: 102  
Audience: Grades 4-5  
Description: This session will focus on a brief summary of the social studies standards for the intermediate grades. Teachers will discuss Inquiry Based Learning, a requirement in the new standards.

Session Title: **WIN Learning Software**  
Presenters: KVEC  
Room: 202  
Audience: High School  
Description: Assist your student with their ACT, PLAN, and WorkKeys Exams! Free! Online and students can use at home.

Session Title: **STLP**  
Presenters: Debbie Dixon  
Room: 203  
Audience: All STLP Coaches  
Description: This session will go over requirements, deadlines and what it takes to go to state and WIN!

Session Title: **Strengthening Families Framework (3 Hr. Session)**  
Presenters: Stephanie Akers, Ashland Regional Training Consultant/Trainer  
Room: 204  
Audience: Preschool & FRYSC  
Description: Kentucky Strengthening Families is using a nationally recognized strategy, Strengthening Families: A Protective Factors Framework to increase understanding of the 6 protective factors. With this understanding of supporting families and building their skills to cope with stressors, we can increase school readiness and reduce the likelihood abuse and neglect will occur in families.

Session Title: **Blended Learning**  
Presenters: Mallory Roberts and Rebecca Morrison  
Room: 205  
Audience: All Grades  
Description: This session will include a brief informative presentation about what blended learning and will include ideas and strategies to use technology in the classroom environment to increase student engagement. It will address effective ways to implement blended learning programs.

Session Title: **Everyday Math for Preschoolers (3 Hr. Session)**  
Presenters: KET  
Room: 302  
Audience: Preschool Teachers  
Description: *Everyday Math for Preschoolers Update is designed as a resource manual to enhance young children’s mathematical knowledge by providing hands-on experiences children can engage in on their own, as well as intentionally planned across the curriculum experiences facilitated by the teacher. This session will focus on preschool math topics, key strategic teaching practices using the Learning Triangle and Kentucky Preschool Standards and Benchmarks with tips for parents and teachers. The objective of the workshop is for each participant to develop a plan to improve the effectiveness of instruction for fueling school readiness and lighting long-term performance gains in STEM related fields. Please bring your IPad and your Everyday Math for Preschoolers workbook.*

Session Title: **“Bullying/Culture/Advisor/Advisee, Oh MY”**  
Presenter: Lola Ratliff  
Room: 303  
Audience: Middle and High School Staff  
Description: A discussion of how bullying reduction correlates with culture/climate of the school. How Advisor/Advisee programs play a part in the further reduction of incidents of bullying and other social programs which will change the culture in schools. Objective is to encourage schools to promote A/A to improve the overall culture and climate of the school.
Session Title: **Reading and Language Arts**  
Presenters: Misty Fitzpatrick and Talila Kidd  
Room: 304  
Audience: Reading & L/A Teachers Grades 3-5  
Description: This session will offer a variety of resources teachers can use to implement the common core standards in reading/language arts. Resources will include songs, websites, activities, ideas on how to conference writing pieces with students, and much more.

Session Title: **New Science Standards for High School**  
Presenters: Cortney Flannery & Amy Howard  
Room: 305  
Audience: High School  
Description: This session will cover the Next Generation Science Standards and ways they can be applied in the classroom. Topics included will be examining the purpose of NGSS Evidence Statements and how to use them, protocols and practices for applying the NGSS, using phenomena to develop lessons, and an orientation to the standards that allows for refinement, and strategies that can be used to implement NGSS in a high school science classroom.

Session Title: **KET Exploraciones (Foreign Language Resources)**  
Presenters: Cynthia Warner  
Room: 306  
Audience: Grades K-8  
Description: Are you a little freaked out about having to teach a foreign language? KET to the rescue! Learn about our Spanish lessons and resources collection that is available in PBS Learning Media and how to implement it effectively into your instruction. It’s fun, it’s easy, it’s free, and is aligned to Kentucky’s World Proficiency Standards.

Session Title: **Flipped Classroom**  
Presenter: Misty Willis  
Room: 401  
Audience: MS/HS – Math or Science  
Description: The flipped classroom is a pedagogical model in which the typical lecture and homework elements of a course are reversed. Various approaches to implementing a Flipped Classroom will be discussed.

Session Title: **East Kentucky Science Center**  
Presenters: Susan Scott and Paulette Burke  
Room: 403  
Audience: All Grades  
Description: “Come learn about the programs the East Kentucky Science Center has to offer student in this region. We will introduce you to our classroom programs, planetarium shows, and outreach events hosted in the community. Participants will be able to engage in fun hands-on-activities!”

Session Title: **Digital Conversion Grading for Teachers**  
Presenters: Kelsey Tackett and Shane Simpkins  
Room: 404/405  
Audience: Middle/High  
Description: Teachers will have an opportunity to become familiar with various types of grading tools that utilize technology. In this session teachers will specifically work with the application, Socrative and see a variety of other online, technology based grading tools. During this time teachers will download apps, create mini assessments and experience real time feedback as both the student and teachers. Our goal is to empower teachers to become familiar with technology that will not only save them time grading but provide them with useful data they can use in their classroom while simultaneously giving students the support and feedback they need.

Session Title: **Orton Gillingham Reading Strategies**  
Presenters: Robin Nairn and Susan Cooley-Greene  
Room: 501  
Audience: K-1, Special Ed., and RTI Teachers  
Description: Orton Gillingham is a hands-on, comprehensive training, filled with multisensory strategies to effectively intervene and develop reading, writing and spelling skills for students. Based upon the methods of Samuel T. Orton, a neuropsychiatrist and pathologist who focused his research on reading and language processing difficulties, and Anna Gillingham, an educator and psychologist, the Orton Gillingham approach used today is the foundation of instructional strategies originally researched and
published by Dr. Orton and Ms. Gillingham in the 1930’s. Orton Gillingham strategies give students concrete, hands-on experiences with phonemes and graphemes while deepening their knowledge of the English language. Explicit reading lessons are designed by the teachers using the research based methodology and can be used with students individually, in small groups, or whole class.

Session Title: Strategies for Test Anxiety
Presenter: Ken Epperson
Room: 502
Audience: 504 Coordinators and Special Ed. Teachers
Description: A review of Test anxiety and what strategies are appropriate for students.

Session Title: Principal Retreat (6 Hrs.)
Room: Library
Audience: Principals and Assistant Principals

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**Academy Agenda-Day 1**
**Wednesday, July 27, 2016**
**Session 2**
**9:30-10:25**

Session Title: Social Studies Standards for Elementary
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Room: 102
Audience: Grades 4-5
Description: This session will focus on a brief summary of the social studies standards for the intermediate grades. Teachers will discuss Inquiry Based Learning, a requirement in the new standards.

Session Title: Effective Use of Blackboard in the Classroom (2 Hr. Session)
Presenters: Brandon Gearheart & Nikki Gearheart
Room: 202
Audience: All Grades
Description: Maximize the use of blackboard in your classroom after listening to these tips on blackboard integration. From lesson creation, unit design, discussion board collaboration, grade book, and checking for plagiarism.

Session Title: QFT Questioning (2 Hr. Session)
Presenter: Megan Smith
Room: 203
Audience: All Grades
Description: The session is on how to get STUDENTS to ask the right question! Engaging and perfect for any teacher wanting to learn how to increase higher order questioning in the classroom!

Session Title: iMovie, Movie Maker and Enhancing Your Lessons
Presenters: Justin Triplett
Room: 206
Audience: All Grades
Description: Creatively using Lync can instantly enhance your classroom from 70% engagement to 100%! This session will discuss Lync, how to use Lync, as well as resources to connect your classroom to students from all over the world! Learn how to archive your lessons for absent and struggling students to watch over and over again! Other video uses will be discussed.

Session Title: “Bullying/Culture/Advisor/Advisee, Oh MY”
Presenter: Lola Ratliff
Room: 303
Audience: Middle and High School Staff
Description: A discussion of how bullying reduction correlates with culture/climate of the school. How Advisor/Advisee programs play a part in the further reduction of incidents of bullying and other social programs which will change the culture in schools. Objective is to encourage schools to promote A/A to improve the overall culture and climate of the school.
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Audience: High School  
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Session Title: **Dive into PBS LearningMedia**  
Room: 306  
Audience: Grades PS-12  
Description: Take your students to deeper levels with PBS LearningMedia, a resource that is free for all. Teachers use it for its power in the classroom. Students use it as a resource for exploration, research, and study. Parents use it to assist their students at home. It’s a very valuable and constantly growing repository of knowledge and ideas for all. In this session, we will explore the new awesome tools and some new additions to our vast library of media galleries and collections, interactives and self-paced lessons, videos, and documents within PBS LearningMedia. Please bring a lesson that you would like to enhance with resources and put all of this into practice.

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Presenter: Misty Willis  
Room: 401  
Audience: MS/HS – Math or Science  
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Session Title: **East Kentucky Science Center**  
Presenters: Susan Scott and Paulette Burke  
Room: 403  
Audience: All Grades  
Description: “Come learn about the programs the East Kentucky Science Center has to offer student in this region. We will introduce you to our classroom programs, planetarium shows, and outreach events hosted in the community. Participants will be able to engage in fun hands-on-activities!”

Session Title: **Want to Become a National Board Certified Teacher**  
Presenters: Angie Waugh and Kristi Simpkins  
Room: 404/405  
Audience: Teachers interested in pursuing National Board Certification  
Description: This session will provide information on how to obtain National Board Certification. Presentation will include details of the process and portfolio requirements as well as timelines for meeting those requirements.

Session Title: **KDE Compliance Document**  
Presenters: Cinda Richardson and Toni Howard  
Room: 501  
Audience: Special Ed. Teachers an ARC Chairpersons  
Description: A review of the KDE compliance document for special education due process records.

Session Title: **Administering Observations and Rating Scales**  
Presenter: Bonita Dailey  
Room: 502  
Audience: Special Ed. Teachers  
Description: A discussion on requirements and providing clarity for increased accuracy.
Session Title: **Science ACT Bootcamp**  
Presenters: Emily Rizzo and Kenneth Bradley  
Room: 102  
Audience: Grades 9-11  
Description: Teachers will be given resources to help integrate ACT Science standards into their everyday instruction through reading strategies and graphic analysis.

Session Title: **Flipped Classroom**  
Presenters: Amy Halbert and Rebecca Morrison  
Room: 201  
Audience: Middle/High School  
Description: Want to increase student engagement and cut out the redundancy in teaching the same procedures over and over? We’ll show you some flipped classroom techniques that will allow you to streamline your teaching and make class time more productive. Techniques that can be used in and discipline.

Session Title: **Achieving Success in the Algebra II and Calculus Classroom**  
Presenters: Christina Crase and Missy Willis  
Room: 205  
Audience: Grades 9-12  
Description: Give your students the best possible chance of passing the AP exam and End of Course, and ensure success in college-level courses by learning research-proven strategies, activities, and assessment ideas.

Session Title: **The “How-To’s” of Technology Accommodation Software**  
Presenters: Cinda Richardson  
Room: 206  
Audience: All Grades  
Description: Uncomfortable using technology to assist with accommodations in the classroom? This session will be an overview on different types of software to make the most of technology in the classroom for accommodating for all students.

Session Title: **PBIS**  
Presenters: Angela Duncan and Lola Ratliff  
Room: 303  
Audience: PBIS Coaches  
Description: a meeting with PBIS coaches to discuss upcoming plans for the PBIS program in the 2016-17 school year.

Session Title: **Ambitious Academic Goals & Investing Students in Achieving Them**  
Presenter: Tiffanie Lanning  
Room: 304  
Audience: Grades K-5  
Description: “Setting ambitious academic goals and investing students in achieving them”, self-evaluation, student-created rubrics, higher-order language in small and group discussions, establishing student responsibility, and invest in students.

Session Title: **NGSS Practices and Cross Cutting Practices**  
Presenter: Karen Miles  
Room: 305  
Audience: Grades 6-8  
Description: This session will focus on providing sample NGSS lessons, rubrics, the power of feedback to students for improving their ability to think critically.

Session Title: **KET Exploraciones (Foreign Language Resources)**  
Presenters: Cynthia Warner  
Room: 306
Audience: Grades K-8
Description: Are you a little freaked out about having to teach a foreign language? KET to the rescue! Learn about our Spanish lessons and resources collection that is available in PBS Learning Media and how to implement it effectively into your instruction. It’s fun, it’s easy, it’s free, and is aligned to Kentucky’s World Proficiency Standards.

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Audience: All Grades
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Session Title: Planning Lessons to go along with NGSS
Presenters: Andrea Waugh and Kristi Simpkins
Room: 404/405
Audience: Middle School Science Teachers
Description: This session focuses on planning lessons that incorporate the science and engineering practices into their current lessons as well as getting new lesson ideas that go along with NGSS.

Session Title: Co-Teaching
Presenters: Lisa Tackett and Tabitha Berger
Room: 501
Audience: Content and Special Ed. Teachers
Description: A realistic presentation of co-teaching from teachers who are making this service delivery model effective for students.

Session Title: The Special Class (Moderate and Severe Disabilities)
Presenter: Desirae Gasparac
Room: 502
Audience: K-8 and MSD Teachers and Therapist
Description: A practical presentation of what a special class looks like. A closer look at Structured Teaching and the STAR curriculum.

Lunch Break 11:30-1:00

Academy Agenda-Day 1
Wednesday, July 27, 2016
Session 4
1:00-2:00

Session Title: Science ACT Bootcamp
Presenters: Emily Rizzo and Kenneth Bradley
Room: 102
Audience: Grades 9-11
Description: Teachers will be given resources to help integrate ACT Science standards into their everyday instruction through reading strategies and graphic analysis.

Session Title: Classflow and Nearpod
Presenter: Alisa Howell and Tiffany Amburgey
Room: 202
Audience: All Grades
Description: Learn how to use technology to engage students while getting your content to your students. Great formative assessments and something any teacher can use tomorrow!

Session Title: QFT Questioning (2 Hr. Session)
Presenter: Megan Smith
Room: 203
Audience: All Grades
Description: The session is on how to get STUDENTS to ask the right question! Engaging and perfect for any teacher wanting to learn how to increase higher order questioning in the classroom!

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Presenters: Stephanie Akers, Ashland Regional Training Consultant/Trainer
Room: 204
Audience: Preschool & FRYSC
Description: Kentucky Strengthening Families is using a nationally recognized strategy, Strengthening Families: A Protective Factors Framework to increase understanding of the 6 protective factors. With this understanding of supporting families and building their skills to cope with stressors, we can increase school readiness and reduce the likelihood abuse and neglect will occur in families.

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Session Title: iMovie, Movie Maker and Enhancing Your Lessons
Presenters: Justin Triplett
Room: 206
Audience: All Grades
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Presenters: KET
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Audience: Preschool Teachers
Description: Everyday Math for Preschoolers Update is designed as a resource manual to enhance young children’s mathematical knowledge by providing hands-on experiences children can engage in on their own, as well as intentionally planned across the curriculum experiences facilitated by the teacher. This session will focus on preschool math topics, key strategic teaching practices using the Learning Triangle and Kentucky Preschool Standards and Benchmarks with tips for parents and teachers. The objective of the workshop is for each participant to develop a plan to improve the effectiveness of instruction for fueling school readiness and lighting long-term performance gains in STEM related fields. Please bring your IPad and your Everyday Math for Preschoolers workbook.

Session Title: Substance Abuse Trends
Presenter: Mountain Regional Prevention Center
Room: 303
Audience: All Coaches, PE Teachers, Athletic Directors
Description: The current trends in Substance Abuse/Use and discussion of local services and resources to schools. This program is required for all coaching staff in the district. (Drug Testing Requirement)

Session Title: Ambitious Academic Goals & Investing Students in Achieving Them
Presenter: Tiffanie Lanning
Room: 304
Audience: Grades K-5
Description: “Setting ambitious academic goals and investing students in achieving them”, self-evaluation, student-created rubrics, higher-order language in small and group discussions, establishing student responsibility, and invest in students.

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Presenter: Karen Miles
Room: 305
Audience: Grades 6-8
Description: This session will focus on providing sample NGSS lessons, rubrics, the power of feedback to students for improving their ability to think critically.
Session Title: **Dive into PBS LearningMedia**  
Room: 306  
Audience: Grades PS-12  
Description: Take your students to deeper levels with PBS LearningMedia, a resource that is free for all. Teachers use it for its power in the classroom. Students use it as a resource for exploration, research, and study. Parents use it to assist their students at home. It’s a very valuable and constantly growing repository of knowledge and ideas for all. In this session, we will explore the new awesome tools and some new additions to our vast library of media galleries and collections, interactives and self-paced lessons, videos, and documents within PBS LearningMedia. Please bring a lesson that you would like to enhance with resources and put all of this into practice.

Session Title: **Earth Systems**  
Presenters: Robin Nairn and Malissia Hale  
Room: 401  
Audience: Grades K-5  
Description: Examine misconceptions and naive conceptions that might hinder concept and practice development, and learn how to design experiences to help students move towards a more scientific conception. Experience activities as a learner and discuss implications for best practice and highly effective teaching with other professionals. Strengthen grade-level specific understanding of content and a deepened understanding of how to implement the NGSS.

Session Title: **Standards Based Grading**  
Presenters: Tabitha Berger and Lisa Tackett  
Room: 403  
Audience: Middle/High School  
Description: Standards Based Grading, and why it works: What is it? How do I go about implementing it? How do I know if it’s right for my kids? If this sounds like you then come to the session to learn how you can start implementing standards based grading this school year, the benefits your students will reap from it and how it works. If you tried to implement standards based grading in the past but felt like you were overwhelmed this session is also for you!

Session Title: **Brigance Update for New and Experience K Teachers (3 Hr. Session)**  
Presenters: Tonya Goodman  
Room: 404/405  
Audience: All New and Experienced Kindergarten Teachers  
Description: All three sessions will be for Kindergarten teachers that are new this year. The first session will be for experienced Kindergarten teachers.

Session Title: **Facilitating Communication in the Classroom (2 Hr. Session)**  
Presenters: Ginger Nairn and Madelyn Allen  
Room: 501  
Audience: SLP’s  
Description: This presentation will outline ways in which we as SLP’s can facilitate language comprehension and use for students with severe disabilities. We will discuss: identification of core vocabulary to meet each student’s needs and interests, ways to which establishing a communication system can decrease and even eliminate negative behaviors, and the need for continuity across teachers and paraprofessionals. Learners will participate in hands-on activities and role-playing. Materials will be provided.

Session Title: **The Special Class (Moderate and Severe Disabilities)**  
Presenter: Melissa Click  
Room: 502  
Audience: Grades 9-12, MSD Teachers and Therapist  
Description: A practical presentation of what a special class looks like. A closer look at Structured Teaching and the STAR curriculum.

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**Academy Agenda-Day 1**  
Wednesday, July 27, 2016  
**Session 5**  
2:00-3:00
Session Title: **Middle School Math**  
Presenter: Rebecca Morrison  
Room: 102  
Audience: Middle School  
**Description:** This session will include instructional strategies and techniques for student engagement and cooperative learning activities/strategies.

Session Title: **Effective Use of Black Board in the Classroom (2 Hr. Session)**  
Presenters: Brandon Gearheart & Nikki Gearheart  
Room: 202  
Audience: All Grades  
**Description:** Maximize the use of blackboard in your classroom after listening to these tips on blackboard integration. From lesson creation, unit design, discussion board collaboration, grade book, and checking for plagiarism.

Session Title: **Using Laptops to Increase Engagement**  
Presenter: Amanda Baker  
Room: 205  
Audience: Grades K-12  
**Description:** Use the laptops to your advantage giving students what they want and need in the classroom. This session will provide several websites and programs that have been beneficial in the math classrooms at Stumbo Elementary. We will discuss ways to engage students by including more student choice using the laptops, websites to differentiate instruction with the click of a button, and the benefits of using the laptops for RTI and progress monitoring.

Session Title: **The “How-To’s” of Technology Accommodation Software**  
Presenters: Cinda Richardson  
Room: 206  
Audience: All Grades  
**Description:** Uncomfortable using technology to assist with accommodations in the classroom? This session will be an overview on different types of software to make the most of technology in the classroom for accommodating for all students.

Session Title: **SSTIC Session**  
Presenter: Courtney Derossett  
Room: 301  
Audience: All SSTIC’s  
**Description:** This session will go over beginning of the year paperwork, DDL, laptop distribution and other topics.

Session Title: **Substance Abuse Trends**  
Presenter: Mountain Regional Prevention Center  
Room: 303  
Audience: All Coaches, PE Teachers, Athletic Directors  
**Description:** The current trends in Substance Abuse/Use and discussion of local services and resources to schools. **This program is required for all coaching staff in the district.** (Drug Testing Requirement)

Session Title: **Assertive Discipline**  
Presenters: Steffany Bailey  
Room: 304  
Audience: All Teachers  
**Description:** This session will cover the difference between “Pro-active and Reactive” teachers, establishing a classroom discipline plan, and dealing with behaviors and establishing routines.

Session Title: **KET Exploraciones (Foreign Language Resources)**  
Presenters: Cynthia Warner  
Room: 306  
Audience: Grades K-8  
**Description:** Are you a little freaked out about having to teach a foreign language? KET to the rescue! Learn about our Spanish lessons and resources collection that is available in PBS Learning Media and how to implement it effectively into your instruction. It’s fun, it’s easy, it’s free, and is aligned to Kentucky’s World Proficiency Standards.
Session Title: **Classroom Re-Design**  
Presenters: Ricky Thacker  
Room: 401  
Audience: All grades  
**Description:** Changing from teacher centered to student centered to increase engagement. Moving from traditional practice and increase the use of technology which is provided through the boards 1:1 initiative. Will discuss some professional development activities I have done, pyramid of learning, etc.

Session Title: **Standards Based Grading**  
Presenters: Tabitha Berger and Lisa Tackett  
Room: 403  
Audience: Middle/High School  
**Description:** Standards Based Grading, and why it works: What is it? How do I go about implementing it? How do I know if it’s right for my kids? If this sounds like you then come to the session to learn how you can start implementing standards based grading this school year, the benefits your students will reap from it and how it works. If you tried to implement standards based grading in the past but felt like you were overwhelmed this session is also for you!

Session Title: **Managing ADD in the Classroom**  
Presenters: Johnathan Parsons and Kyle O’Quinn  
Room: 502  
Audience: Middle & High School Teachers  
**Description:** This session will help teachers with manipulatives and/or strategies to keep the lesson going without interruptions. Keeping the class on the same page is vital in the learning environment.

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**Academy Agenda-Day 1**  
**Wednesday, July 27, 2016**  
**Session 6**  
**3:00-4:00**

Session Title: **Middle School Math**  
Presenter: Rebecca Morrison  
Room: 102  
Audience: Middle School  
**Description:** This session will include instructional strategies and techniques for student engagement and cooperative learning activities/strategies.

Session Title: **BARR (Building Assets Reducing Risks)**  
Presenter: R. Thacker, K. Beye, B. Justice, B. Hamilton, W. Bane  
Room: 203  
Audience: High School  
**Description:** This session will consist of a couple of I-Time activities to show the curriculum side of Building Assets Reducing Risk.

Session Title: **Using Laptops to Increase Engagement**  
Presenter: Amanda Baker  
Room: 205  
Audience: Grades K-12  
**Description:** Use the laptops to your advantage giving students what they want and need in the classroom. This session will provide several websites and programs that have been beneficial in the math classrooms at Stumbo Elementary. We will discuss ways to engage students by including more student choice using the laptops, websites to differentiate instruction with the click of a button, and the benefits of using the laptops for RTI and progress monitoring.

Session Title: **LDC**  
Presenter:  
Room: 206
Audience: K-12 (Teachers of ELA, Science, and Social Studies/History)
Description: LDC is a research-proven framework with online Core Tools and resources for teachers to create or access and modify instructional modules. LDC teaching tasks define what students will be asked to do and know: rigorous content and CCRS-aligned literacy skills.

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Audience: Grades PS-12
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Session Title: **Weather & Climate**
Presenters: Meghan Slone & Jessica Flannery
Room: 405
Audience: Grades K-3
Description: Examine misconceptions and naive conceptions that might hinder concept and practice development, and learn how to design experiences to help students move towards a more scientific conception. Experience activities as a learner and discuss implications for best practice and highly effective teaching with other professionals. Strengthen grade-level specific understanding of content and a deepened understanding of how to implement the NGSS.

Session Title: **Special Education Evaluation**
Presenters: Toni Howard and Cinda Richardson
Room: 501
Audience: Special Ed. Teachers
Description: Review of Planning for initial evaluations, re-evaluations, tri-annuals, and then interpreting the results.

Session Title: **MDC**
Presenters: Chuck Rose and Christina Crase
Room: 502
Audience: Middle/High
Description: The Mathematics Assessment Project is a collection of tools that are used to identify student content comprehension, initiated by the Math Design Collaborative (MDC). During this professional learning opportunity teachers will be active participants as they work through learning tasks and modules together with colleagues. Teachers will experience the communication and in depth processing that students will encounter as they complete these tasks. After completing a few tasks and modules teachers will be given
Session Title: **Coding (6 Hr. Session)**  
Presenter: Stacey Spears  
Room: 304  
Audience: K-5  
Description: Did you know 71% of all new jobs in STEM are in computing? Only 8% of STEM graduates are in Computer Science (CS). Elementary teachers can help change the latter statistic! This professional learning offering will introduce you to Code.org’s free Computer Science Fundamentals curriculum and Code Studio program. You will learn how to implement CS basics at the elementary level, giving your students the foundation they’ll need if they choose the in-demand career path of computer science. No coding or computer science knowledge is necessary to learn and implement this program!

Session Title: **Literacy Strategies (2 Hr. Session)**  
Presenter: Angela Hilterbrand  
Room: 303  
Audience: Grades K-2  
Description: Teaching the Way Students Learn  

Session Title: **Literacy Strategies (2 Hr. Session)**  
Presenter: Angela Hilterbrand  
Room: 303  
Audience: Grades 3-4  
Description: Teaching the Way Students Learn

Session Title: **Literacy Strategies (2 Hr. Session)**  
Presenter: Angela Hilterbrand  
Room: 303  
Audience: Grades 5-8  
Description: Teaching the Way Students Learn
The Basics: 

Unlike traditional conferences which have schedules set months in advance by people running the conference, an Unconference-Edcamp style has an agenda that is created by the participants during the event. Instead of one person standing in front of the room talking for an hour, people are encouraged to have discussions and hands-on sessions!

What do I do?

There will be an empty session board the first day of the PD Academy and the morning of the Unconference where you and other attendees can post session titles. Over the course of the day, you will have the opportunity to attend several sessions that appeals to YOU!

The rule of an unconference is to “vote with your feet.” If a session doesn’t meet your needs, simply get up and move to another room. You will learn something new and leave with new ideas and information to apply immediately to your classroom!