

## ***Summer 2016: Professional Learning and Work Opportunities*** **LINCOLN PUBLIC SCHOOLS REVISED 5/3/16; CORRECTION TO BOOKROOM DATES**

The district is pleased to share this catalogue of workshops, curriculum work projects, and graduate courses for Summer 2016. Faculty and administration submitted proposals spanning an admirably wide range of needs and interests. In all cases, the offerings on the following pages show strong alignment with district strategic priorities.

### **A few notes about this year's opportunities**

- Any summer opportunities with open spaces for which faculty may register are clearly marked with **red text**.
- Some curriculum work projects were developed with specific participants and are not, therefore, seeking new applicants. Those listings have no red text.
- Participants in curriculum work projects earn compensation; participants in PD workshops and graduate courses do not.
- All summer projects, courses, and workshops meet for six hours per day (not including lunch), unless otherwise noted in the description. Specific start and end times for each project will be determined by the project leader(s).
- Participants in graduate courses may apply for graduate credit (for a fee, which may be reimbursable by the district) or for an in-service credit, which is free.
- Faculty who hope to earn graduate credits or in-service credits and/or to receive tuition reimbursement for a summer course must submit a completed request form two weeks before the summer opportunity begins.
- Graduate credits are offered pending approval for LPS courses from Framingham State University.

### **Registration**

Look for the **red text** and send an email to the contact for that specific project by **Friday, May 13**.

**Central Office will begin to distribute summer work contracts the week of May 2. We seek to have all summer work contracts signed and returned to Central Office before the Memorial Day weekend.**

## Graduate-level Courses

### ***Assistive Technology***

Instructor: Rachel Kuberry, Lexington Public Schools

Participants: PreK-8 Educators **Open for registration:** [Email Suzette Brydie](#)

August 2-3; in addition, three hours online between 7/15 – 8/2 and two hours online between 8/3 and 8/15.

This hands-on technology course will introduce the SETT Framework for decision-making about Assistive Technology. Participants will learn to use this framework to gather information about a student's academic/access problems and to develop a list of potential technology solutions. Participants will learn about readily available Assistive Technology tools, including built-in accessibility features, Google apps and extensions, iOS apps, and Web 2.0 tools. Participants will then use their knowledge of the SETT Framework and the Assistive Technology tools available in their classroom to make an AT Implementation Plan for an individual student or to adapt a classroom lesson plan to include AT.

*Participation in this course fulfills the licensure requirements to obtain 15 PDPs related to strategies for effective schooling for students with disabilities and/or instruction of students with diverse learning styles.*

1 graduate or in-service credit, 22.5 PDPs

### ***Developing Mathematical Ideas (DMI): Building a System of Tens***

Instructor: Carol Walker

Participants: K-4 Educators **Open for registration:** [Email Suzette Brydie](#)

July 21 and 22; in addition *either* July 25 and 26 *or* October 15 and November 19

*(To clarify: Participants have the option of completing all four days during the summer, or completing two days during the summer and two days (Saturdays) in the fall.)*

Participants will actively engage in their own learning by doing math together. We will also read and discuss teacher-written cases from the *Building a Systems of Tens Casebook* in order to:

- learn to recognize the key mathematical ideas with which our students are grappling;
- consider the types of classroom settings and teaching strategies that support the development of student understanding;
- become aware of how core mathematical ideas develop across the grades;
- work on mathematical concepts and gain better understanding of mathematical content; and
- discover how to continue learning about children and mathematics.

2 graduate or in-service credits or 45 PDPs

### ***Growth Mindset and Cultural Proficiency***

Instructor: Claudia Fox Tree

Participants: PreK-8 Educators **Open for registration:** [Email Suzette Brydie](#)

June 22 and June 24, along with three hours of online contact

This course, which highlights Carol Dweck's research and Claude Steele's work on stereotype threat, will explore the differences between a "fixed" and "growth" mindset through interactive activities. We will extend the conversation into an examination of self-efficacy and a cultural context.

1 graduate or in-service credit, 22.5 PDPs

### ***Introduction to WIDA Standards and Differentiation for ELLs***

Instructors: Laura English and Kim Polster

Participants: PreK-8 Educators **Open for registration:** [Email Suzette Brydie](#)

June 22, full day, followed by the equivalent of one full day in the fall: either a six-hour Saturday or two sessions of three hours each, on Monday or Wednesday afternoons. Specific fall dates TBD by the participants and instructors.

This course will give participants tools to differentiate their teaching specifically for the ELLs in their classrooms. We will use WIDA standards and WIDA-based lesson plan templates, which include content objectives, language objectives, and supports. *Participation in this course fulfills the DESE requirement to obtain 15 PDPs related to SEI or ESL for licensure.*

1 graduate or in-service credit, 22.5 PDPs

## Professional Development Workshops

### ***American Heart Association: First Aid/CPR/AED***

Maureen Richichi and Eileen Dirrane

Participants: PreK-8 Educators **Open for registration: [Email Suzette Brydie](#)**

June 22

This full day American Heart Association course offers two-year certification in First Aid, CPR and the use of AED and meets the requirements for faculty and staff who require this certification for NAECY or for coaching extracurricular sports. While priority will be given to staff requiring certification, the course is open to ALL staff in the Lincoln Public Schools.  
6 PDPs

### ***Formative Learning Cycle (Learning Targets): Helping Students Aim for Understanding***

Heidi Fessenden, Cambridge Public Schools

Participants: PreK-8 Educators **Open for registration: [Email Suzette Brydie](#)**

July 14

In this workshop, you will learn to craft child-friendly learning targets for your lessons. You will try your hand at sharing learning targets with students, planning formative and summative assessments that match those learning targets, tracking assessment data for targets, and using models of student work to help your class come up with look-fors for a target. This workshop can be flexible and can be tailored to meet the needs of the participants.  
6 PDPs

### ***Movement in the Classroom***

Stacey Clarkin and Kevin Leahy **Open for registration: [Email Suzette Brydie](#)**

Participants: PreK-8 Educators

June 23, 8:00 – 12:00

When you move more, you learn more because healthy students learn better. Research shows that physical activity affects the brain in ways that allow students to be more engaged and ready to learn. This workshop will provide teachers with strategies and tools that will allow students to move more in the classroom.

## Curriculum Work Projects

### ***Advisory and Afterschool Programs as Opportunities for Social/Emotional Learning***

Jim McCarthy and Catherine Martus

August 3-4

This project will further develop the curriculum for the HMS eighth grade girls' group, along with the seventh and eighth grade advisories. The curricula we develop will focus on recognizing and appreciating diversity, as well as including a student service learning component.

### ***Building and Improving Bookrooms***

Judy Merra

**JUNE 28-29** and August 15-16 (please note date correction; was formerly listed as July 28 & 29)

Participants need to be available for either the July dates or August dates; they do not need to be available for all four dates (although some participants may work all four days).

**Open for registration: [Email Judy Merra](#)**

Hanscom Middle School, Hanscom Primary School, and Lincoln School 5-8 have all received Improvement Initiative funding through the district budget to rejuvenate their bookroom text collections. This particular work project will focus mainly on the Hanscom campus

***Differentiating Painting and Music in the 8th Grade: A Cross-Curricular Collaboration***

Pam DiBiase and Karen Sheppard

June 22

We will be creating a differentiated unit for 8th grade painting and voice and instrumentation. The unit will relate color in painting to timbre in voice and instrumentation. The goal is to create scaffolded lessons that meet each of our learners at an appropriate level of entry. While the content of the unit will be the same for each student, the process and product will vary based on the student's specific point of entry.

***Differentiation in Middle School***

Sharon Hobbs

July, two full days, with specific dates TBD **Open for registration: [Email Sharon Hobbs](#)**

Lincoln School 5-8 will focus its school-based professional development next year on extending the work of this year's modules, particularly in differentiation. Our goal this summer will be to design four Wednesday PD sessions that make explicit how knowing our learners through a cultural lens is critical to our ability to differentiate effectively; we will also identify specific instructional strategies that will make this differentiation possible.

***Digital Literacy and Computer Science Standards***

Rob Ford, with colleagues

July 25-26

Rob Ford will lead a group of LPS faculty in studying the new state standards in Digital Literacy and Computer Science to ensure alignment with the Lincoln Learning Expectations.

***Faces of Inequality***

Jay Peledge, with colleagues from HMS

June 23-24

This project will refine a differentiated and integrated unit, "Faces of Inequality," that we are implementing this spring. Using feedback from students and our own assessments, we will be working to ensure that materials and lesson plans from this unit are sufficiently differentiated.

***Lincoln CARES Lessons***

Sarah Collmer

July, three full days, with specific dates TBD **Open for registration: [Email Sarah Collmer](#)**

This curriculum work project includes writing lesson plans to explicitly teach school-wide behavior expectations. This work will support the School Improvement Goal to develop and implement school-wide behavior expectations.

***Lincoln Music Curriculum Map***

Karen Sheppard with the music faculty

August 22 & 23

The Music Department will be creating a Music Curriculum Map that directly reflects the LLE, the MA Standards as well as incorporating the new National Music Standards. Our goal is to have a synchronized and sequential map that includes Preschool through grade 8.

***Makerspace Curriculum Unit and Drop-in Stations***

Monica Albuixech and Becca Fasciano, with colleagues from HMS

July 27 & 28

Participants will set up the curriculum for drop-in workstations for the Makerspace in the new Hanscom Middle School. The Makerspace is designed to support the development of critical thinking among students as they create, discover, explore, craft, innovate, tinker, design, invent, and solve problems in this innovative educational space.

***Outdoor Curriculum for Grades 6-8***

Steve Cullen and Jaime Moody

August 8-10

Building on outdoor trainings and curriculum supports provided by the Youth Opportunities Program of the Appalachian Mountain Club, we will design an outdoor curriculum with lesson plans and a game resource guide that is specific to the Lincoln community.

***Student-led Parent Conferences***

Janice Fairchild and Kathryn Manley, with colleagues from HMS

June 23

The 6th grade team will create guidelines and protocols for student-led parent conferences. We will determine a format for student portfolios, along with guidelines that students can use to track and reflect on their progress.

***Technology in Foreign Language Instruction***

Karena Hansen, with colleagues from the Foreign Language department and IT/Libraries

June 22 and one additional date TBD

Teachers will advance their knowledge of Google tools, video, and Duolingo, as well as redesign their websites in order to enhance, engage, and differentiate instruction for students and to provide extended learning outside the classroom.

## **Science Curriculum Work**

Through an Improvement Initiative, we are able to support curriculum writing and revision in science for grades K-5 this summer. Please see the dates below for information about when each grade level will be working. *Faculty are invited to apply to work on science curriculum projects at their own grade level, one grade above, and one grade below.* **Open for registration: [Email Mairead Curtis](mailto:mairead.curtis@lincolnpk12.org)**

***Revision of Life Science Pilot Units***

We will incorporate teacher feedback to revise the Life Science units piloted in grades K-4 this year. In addition, we will develop assessments for each unit and identify opportunities for greater integration with ELA and Math. Grade 5 did not pilot a Life Science unit this year, and we will develop a new Life Science unit for that grade.

***Development of new Earth and Space Science Pilot Units***

We will develop new units in Earth and Space Science for grades K-5; these units will be piloted next school year (2016-17). These units may be adaptations of “off the shelf” curricula from science publishers; we will also write grade-specific units and lesson plans.

	Revision of Life Science	New Earth & Space Science
Kind.	June 29	June 27 & 28
Gr. 1	June 24	June 27 & 28
Gr. 2	June 24	June 29 & 30
Gr. 3	July 11	June 29 & 30
Gr. 4	June 24	June 27 & 28
Gr. 5	July 5 & 6	July 7 & 8