



# KCS Science FALL 2019

## Professional Development Opportunities

### “Putting the Pieces Together”

#### Mysteries (of the 7<sup>th</sup> Grade Matter Standards) Revealed!

Unlock the new 7th grade matter standards with Dr. Cheryl Robertson, long-time 8th grade and current 7th grade KCS science teacher. Cheryl has taught this content successfully for years, and will break down and make sense of the standards, introduce you to appropriate phenomena and resources, and will make the Modules 1 and 2 content come alive for you and your students. Join us to deepen your understanding of these standards and bring the “wow factor” to your Matter Modules this year! **For 7<sup>th</sup> Grade teachers.**

**Monday, August 16, 2019 4:15 -5:45 pm Location: SSPTDC**

#### Using a Lab as a Phenomenon: Human Karyotype Lab

Take this familiar lab and use it as a phenomenon during your Heredity Unit (Module 4). Use with Bio1.LS3.3 and Bio1.ETS2.2. You will participate in the lab, learn how to use it as a phenomenon for these two standards, and have a simple but effective way to get students to create an evidence-based argument. Teachers will walk away with everything you need to do the lab, facilitate the learning, and assess student understanding of the content. **For Biology 1 teachers.**

**Thursday, October 17, 2019 4:15-5:45 pm Location: SSPDTC**

#### Using Data Analysis to Help Students Think Like Scientists

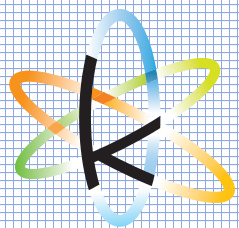
Experience simple strategies to use immediately in supporting student organization and analysis of data in relation to a science phenomenon. Teachers will walk away with everything you need to do the lab, facilitate the learning, and assess student understanding of the content. **For all secondary science teachers. Two sessions a week. Monday, September 9, 2019 4:15-5:45 pm Location: Central High School**

**POSTPONED**  
To Be Rescheduled Soon!

Students will develop and use data resources will be available for all secondary science teachers.

**Monday, September 9, 2019 4:15-5:45 p.m. Location: Central High School**

Sign up on  
My Learning Plan  
today!



KNOX COUNTY  
SCIENCE  
SEARCH, SOLVE & SUCCEED