

CTL Professional Learning Offerings 2020

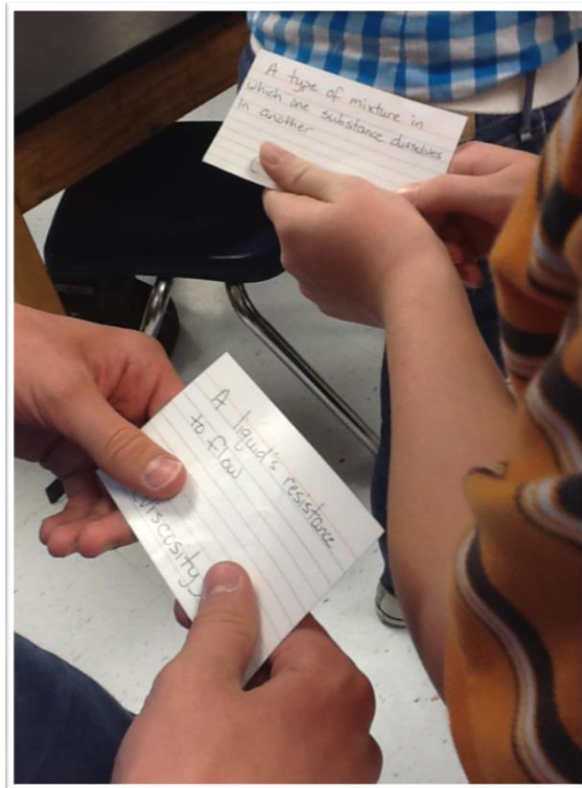
Preparing for Persistence



Science Offerings:

Using Academic Dialogue Effectively in Science Classrooms for Deeper Student Learning

Effective use of academic dialogue may be one of the least utilized tools for developing lasting student understanding of challenging science concepts, as well as providing critical support for authentic writing experiences. Move beyond Initiate-Response-Evaluate (IRE) in your classroom discussions and support your students in deeper thinking, deeper learning by improving your capacity for orchestrating effective student discussions and student centered learning. Learn instructional routines that target specific learning goals and support student development of essential communication skills that will transfer beyond the science classroom. Student engagement will increase as well as your own professional satisfaction. This workshop consists of a 2-day summer foundational learning, followed by an additional day in September to reflect and refine your practice.



Cost \$375/individual \$325/teacher for teams of 3 or more

Day 1 and Day 2 July 16-17, 2020

Content discussion routines in Science: the why, the what and the how

Follow-On Day 3 September 17, 2020

Reflection: Student work analysis, planning, and troubleshooting

Location to be announced

ctlonline.org/gukworkshops2020

Science Offerings:

Effective Use of CER in the Science Classroom

Targeted support for developing student proficiency with constructing explanations / arguments in science. Claim-Evidence-Reasoning (CER) is a ubiquitous support strategy that teachers use to help students learn how to construct clear and concise scientific explanations; however, many teachers and students struggle for valid reasons. This professional learning strand would uncover why CER can be difficult for teachers and/or students, and provide a pathway to confidence in teaching and learning this fundamental goal of science: constructing explanations for the world around us. Foundational understanding, including development of a CER task to be used early in the school year, will be developed during a 2-day summer workshop. A follow-on day will support analysis of student work and refining expertise in CER task development and use.



Cost \$375/individual \$325/teacher for teams of 3 or more

Day 1 and Day 2 June 10-11, 2020

Embedding Claim-Evidence-Reasoning into classroom instruction

Follow-On Day 3 September 24, 2020

Reflection: Student work analysis and troubleshooting

Location to be announced

ctlonline.org/gukworkshops2020

English Language Arts Offering

The Powerful Picture Book

English Language Arts teachers will explore how to artfully incorporate picture books into the middle and high school experience. Participants will examine research as to the why this practice is important in the lives of adolescents. In addition, participants will look at what picture books can be coupled with existing units of study and where to plan for pre, during, and post reading, writing, and speaking and listening experiences for students to engage with these varying supplemental texts. Teachers will also acquire strategies to apply to engage students in the learning process. This two day workshop will provide teachers time to plan for incorporation of picture books with their adolescent learners in mind! Follow-on day will include extended planning discussions as well as analysis of student work for differentiation of instruction.



Cost \$375/individual \$325/teacher for teams of 3 or more

Day 1 and Day 2 July 13-14, 2020

Exploring characteristics of effective Read Alouds, choosing books appropriately, planning for integration and follow-up

Follow-On Day 3 September 22, 2020

Sharing student work, refining classroom routines

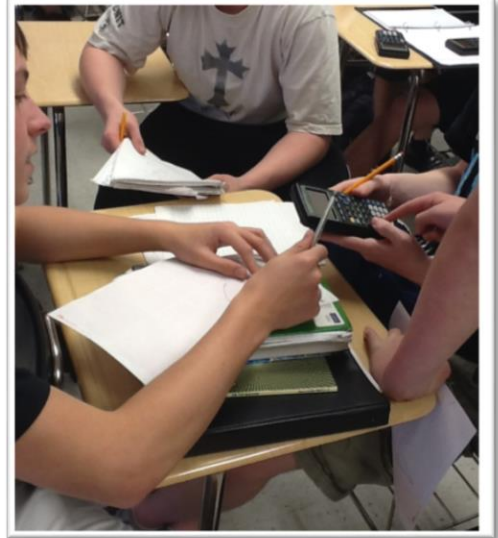
Location to be announced

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Mathematics Offerings

Developing Mathematical Routines

In this extended workshop middle and high school mathematics teachers will learn about five specific routines for reasoning to support student mathematical reasoning and thinking skills. Attendees will receive their own copy of the book, *Routines for Reasoning*, by Grace Kelemanik, Amy Lucenta and Susan Janssen Creighton.



Cost \$385/individual \$340/teacher for teams of 3 or more

Day 1 and Day 2 July 13-14, 2020

Reasoning Routines in Mathematics: the why, the what and the how

Follow-On Day 3 September 17, 2020

Reflection: Student work analysis and troubleshooting

Location to be announced

ctlonline.org/gukworkshops2020

Postsecondary Skills Integration

As part of the GEAR UP Kentucky project, students will receive explicit strategy instruction around specific postsecondary skills (critical thinking, decision making, organization/time-management, notetaking/study skills, among others). This extended workshop will focus on a subset of these skills and support teachers in integrating them into classroom instruction. This workshop explores how to support all students in developing critical decision making while providing the necessary supports for all students.



Cost \$375/individual \$325/teacher for teams of 3 or more

Day 1 and Day 2 June 11-12, 2020

Defining the skills, creating expectations for classroom routines, gathering evidence, explicit strategy supports

Follow-On Day 3 September 22, 2020

Refining classroom routines, analysis of data

Location to be announced

ctlonline.org/gukworkshops2020