GST BOCES Mission:

GST BOCES is an education service organization driven by customer need and a commitment to excellence, whose mission is to ensure the success of our diverse learners, parents, community members, schools and businesses by providing collaboratively inspired, cost-effective, quality programs in an atmosphere that is safe and supportive.
**ACCESSING PROFESSIONAL DEVELOPMENT**

**SIP (COSER 537, DAILY TUITION, SUBSTITUTES, AND STIPENDS)**

*STEM Curriculum Summer Offerings Funnel through SIP (COSER 537, DAILY TUITION AND STIPENDS)*
- There is a daily tuition cost per participant through 537.001.
- If this is a summer session, you can include a portion of the teacher stipend through 537.006.
- Some districts grant in-service credit instead of payment.
- If this is a school year session, you can include your substitute costs through 537.004.

**SIP Shared Consultants (COSER 537, CONSULTANT EXPENSE, SUBSTITUTES, AND STIPENDS)**
- The consultant cost will be shared among participating districts through 537.440.
- If this is a summer session, you can include a portion of the teacher stipend through 537.006.
- Some districts grant in-service credit instead of payment.
- If this is a school year session, you can include your substitute costs through 537.004.

**Administrator Support from Our State-Wide Framework (COSER 537.10, ALL INCLUSIVE BASE COST)**
- Districts participate at a building rate.
- There is no cost per participant.
- Participation is typically limited to administrators.
- Participating districts also access technical assistance around NYSED initiatives.

**Model Schools (COSER 536, ALL INCLUSIVE BASE COST, STIPENDS- NOT ALL DISTRICTS BELONG)**
- Districts participate at an RWADA base-cost.
- There is no cost per participant and job-embedded follow up is included through COSER 512.
- Districts can include a portion of the teacher stipend through 536.001.
- Some districts grant in-service credit instead of payment.

**STEM School Year Trainings (COSER 525.004, ALL INCLUSIVE FTE COST)**
- STEM Science trainings offered during the school year are embedded in the FTE cost for your Instructional Support Teacher as part of the blended model of training and coaching.
- Districts participate based on FTE.
- There is not a stipend as these courses are taught during the school year.

**Registration/Cancellation/Payment**

**Registration Must Come Through Your District Approver**
- For districts using PD Tracker, you have established your district authorization path within PD Tracker and we will not see your registration until the final approval has been made at the district level.
- For districts submitting registrations to us via email, we must receive the email from the district approver.
- You may “hold” a seat even without a name. If you are using PD Tracker, there is a “potential” box right above the names of your registrants and a drop-down box to hold a specific number of seats. If you register via email, just let us know how many seats to hold.

*continued*
CANCELLATIONS MAY BE HANDLED VIA PD TRACKER OR EMAIL.
- For districts using PD Tracker, teachers cancel right in PD Tracker
- For districts not using PD Tracker, district approvers can email at Instructionalsupport@gstboces.org.
- If we have a waitlist and we receive a cancellation, we contact those waiting and attempt to fill the seats.
- You will see cancellations on the attendance reports or by logging onto PD Tracker if a district approver.

STIPEND PAYMENT PROCESS
- Teachers should follow their typical process for extra payment from their districts (district paper or digital timesheets). If you provide us with timesheets, we will have them available at each training site.
- Instructional Support Services will send attendance confirmations regularly for courses attended prior.
- If you have direct access to PD Tracker, you can access these reports without going through Instructional Support Services.
- In September, January, and June, districts should invoice BOCES for the hours they paid to teachers for allowable work. Please provide the names, the dates of attendance, and the name of the sessions so attendance can be confirmed.
- GST BOCES cannot reimburse more than the agreed upon regional rate, even if your district does pay more.

CTLE CERTIFICATES
- All participants, whether you use PD Tracker for registrations within your district or not, have PD Tracker accounts. They will use that account to complete course evaluations and download all of their CTLE certificates for any course they have taken. (A completed evaluation is required for CTLE printing.)
- BOCES will not send CTLE certificates to districts.
- District approvers for PD Tracker can download all CTLE certificates for their district utilizing the reports tab.

BUDGETING FOR COURSES
- There is an Excel spreadsheet that goes along with this catalog. It contains tabs for each category of courses depending upon the cost methodology: SIP, Model Schools, Administrative SIP, Shared Consultants, and STEM.
- The Excel spreadsheet is organized in the same order as the catalog. For each course, you should enter the total number of seats. The sheet is formula driven and will generate an approximate amount of substitute, tuition or workshop dollars you would need to budget. At the end of the spreadsheet, you can see the amounts you should put on each budget line of your district’s May 1 Final Request. You do not need to send us the spreadsheet.
- There is also a generic registration form for those of you who are registering via email. If you are using PD Tracker to register, you do not need to complete the registration form.
- This catalog contains the vast majority of workshops through June, but we will surely add a few more things to meet your needs along the way. Thus, you should use these amounts as a minimum and leave yourself some wiggle room as well.
ELA

ELA PLC
GRADES 6-12
The ELA PLC is designed to provide an opportunity for ELA teachers, regionally, to collaborate with the goal of improving student outcomes. Session outcomes will be differentiated based on participant input and feedback. Potential topics include:
• Unpacking ELA standards and the practices
• Turnkey activities designed by SED
• Current best instructional practices
• Analyzing student work
• Data Driven Instruction
• Book Studies
• Creating and revising common formative assessments

Be sure to register for each date you will attend.
Day 1: 10/15/20, 8:00 – 11:00
AND
Day 2: 12/8/20, 8:00 – 11:00
AND
Day 3: 04/13/21, 8:00 – 11:00
Coopers, Bldg. #8
Distance Learning Room

ANCHOR TEXTS IN THE EARLY LEARNING CLASSROOM
GRADES PK-2
Participants will learn the planning process for units and learning centers around anchor texts to meet NYS learning standards in multiple learning areas (ELA, math, science, SS). Bring your favorite anchor texts!

07/17/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

A SPOTLIGHT ON THE NEXT GENERATION ELA STANDARDS
GRADES K-12
Participants will be provided an opportunity to focus on the integration of the Next Generation ELA Learning Standards into curriculum, instruction, and assessment design.

Be sure to register for both days.
07/13/20, 8:00 – 3:00
AND
08/10/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

INTERACTIVE READ ALOUD
GRADES K-5
Participants will analyze the components of interactive read aloud. This workshop will address the following:
• Why the interactive read aloud?
• What is an interactive read aloud?
• What is the difference between a traditional read aloud and an interactive read aloud?
• How do I plan for an interactive read aloud? What tools are available to help me?

08/07/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

GUIDED READING
GRADES K-2
Participants will unpack the components of a balanced literacy approach, focusing primarily on guided reading. They will learn how to analyze guided reading data to improve student outcomes.

08/12/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room
SIP Offerings

**Fountas & Pinnell Phonics/Word Study**
**Program Overview with Tanya Schnabl**
**Grades K-2**
Participants will learn the tenets of Fountas and Pinnell’s approach to phonics and word study. The training to include an overview of the program, a review of the F & P tenets, and information on how to organize and set up materials. Participants will gain an understanding of each component to increase student’s success in reading.
*Participants are to bring their teachers guide/lesson book with them.*

Pre-requisite: District should be implementing or going to be implementing F & P Phonics, Spelling, and Word Study Program.

08/19/20, 8:00 – 3:00  
Coopers, Bldg. #8  
Distance Learning Room

**Structuring an ELA Block**
**Grades K-2**
Participants will discover and research how to structure a 90-minute ELA block regardless of the program you use. Please bring your basal teacher’s manual with you to this class.

08/20/20, 8:00 – 3:00  
Coopers, Bldg. #8  
Distance Learning Room

**Writer’s Workshop: An Introduction**
**With Kristin Beers**
**Grades K-8**
This workshop will explore the implementation of Writer’s Workshop. Video clips and discussion will be utilized to show how a teacher implements Writer’s Workshop. We will examine how to conduct an effective mini-lesson and how to use mentor texts. Participants will learn the components of writer’s workshop so students will effectively navigate the writing world.

*Pre-requisite: District should be implementing or going to be implementing the Units of Study.*

08/18/20, 8:00 – 3:00  
STEM Academy
SIP Offerings

**Math**

**Math PLC**

**Grades 6-8**
**Grades 9-12**

This Professional Learning Community will come together throughout the year to support each other in the learning, implementing, and reflecting on new ideas related to curriculum, content, and instruction. Each session in this series will include three components: relevant updates and information from NYS Education Department, presentation of research-based strategies and methods, and group share out of goals, resources, and experiences.

Meetings will include information from the NYS Implementation Roadmap to support shifts in mathematics education.

Topics may include:
- Unpacking content standards and the 8 math practice standards
- Resources related to specific math concepts & topics
- Student engagement
- Formative assessments
- Math problem solving
- Sense making in math
- Integrating technology
- Analyzing student work
- Data driven instruction

Be sure to register for each date you will attend.

**Day 1: 10/16/20**
Grades 6 – 8, 8:00 – 11:00
Grades 9 – 12, 12:00 – 3:00
AND

**Day 2: 12/09/20**
Grades 6 – 8, 8:00 – 11:00
Grades 9 – 12, 12:00 – 3:00
AND

**Day 3: 03/11/21**
Grades 6 – 8, 8:00 – 11:00
Grades 9 – 12, 12:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

**Math Intervention**

**Grades K-2**
**Grades 3-5**
**Grades 6-8**

Participants will be able to become familiar with learning trajectories and/or progressions and investigate research-based strategies so students will be able to demonstrate an understanding of number sense and problem solving.

**Grades K-2:** 07/20/20, 8:00 – 3:00
OR
**Grades 3-5:** 07/21/20, 8:00 – 3:00
OR
**Grades 6-8:** 07/22/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

**Math Lesson Plan Development Using Understanding by Design**

**Grades K-5**

Participants will be able to work with standards and learn the three stages of backwards design; 1) articulating outcomes, (2) developing assessments, performance tasks and rubrics, and (3) designing a learning plan so students will be able to assess their own learning and show application of learning through a task and/or assessment aligned to the established goals of the unit.

Be sure to register for both dates.

**Day 1:** 08/05/20, 8:00 – 3:00
AND

**Day 2:** 08/06/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room
SOCIAL STUDIES

SOCIAL STUDIES PLC
GRADES 6-8
GRADES 9-12
This Professional Learning Community will come together throughout the year to support each other in the learning, implementing, and reflecting on new ideas related to curriculum, content, and instruction. Each session in this series will include three components: relevant updates and information from NYS Education Department, collaboration around research-based strategies, as well as sharing of goals, resources and experiences. Key topics for investigation will include:
• Inquiry Design Process
• Contextualization
• Building theme resources (documents)
• Essay writing practices and strategies for Parts II (Sets 1 & 2) and III of the Enduring Issues and Civil Literacy.

Be sure to register for each date you will attend.

Day 1: 10/14/20
Grades 6 - 8, 8:00 – 11:00
Grades 9 - 12, 12:00 – 3:00
AND
Day 2: 12/10/20
Grades 6 - 8, 8:00 – 11:00
Grades 9 - 12, 12:00 – 3:00
AND
Day 3: 04/19/21
Grades 6 - 8, 8:00 – 11:00
Grades 9 - 12, 12:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

SOCIAL STUDIES REGENTS WRITING FOR THE NEW FRAMEWORK
GLOBAL AND US HISTORY TEACHERS
Participants will:
• Become fluent in teaching and assessing parts II and III of the New Framework Global and US History and Government.
• Be able to identify key components needed in working on the multiple choice, document contextualization and recognizing enduring issues and civic literacy so that students will be able to be confident, successful and build mastery levels on regents' assessments.

08/28/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room
STEM Offerings

**Science**

**Science PLC**

**Grades 6-8**

**Grades 9-12**

The Science Professional Learning Community will come together throughout the year to support each other in the learning, implementing, and reflecting on new ideas related to curriculum, content, and instruction. Each session in this series will include three components: relevant updates and information from NYS Education Department, presentation of research-based strategies and methods, and group share out of goals, resources, and experiences.

Meetings will include information from the NYS Implementation Roadmap to support shifts in science education. Time will be given for participating teachers to share current classroom work and resources, and to develop new materials for use. Topics may include:

- incorporating Science and Engineering Practices and Crosscutting Concepts into current units, lessons, and assessments
- vertical alignment and prioritizing standards
- use of phenomena
- inquiry-based instruction
- formative and summative assessments
- unpacking required laboratory activities

Be sure to register for each date you will attend.

Day 1: 10/19/20
Grades 6 - 8, 8:00 – 11:00
Grades 9 - 12, 12:00 – 3:00

AND

Day 2: 02/02/21
Grades 6 - 8, 8:00 – 11:00
Grades 9 - 12, 12:00 – 3:00

AND

Day 3: 04/15/21
Grades 6 - 8, 8:00 – 11:00
Grades 9 - 12, 12:00 – 3:00
Coopers, Bldg. #8

**Welcome to Inquiry**

**Grades K-12**

Teachers brand new to teaching our blend of FOSS/GST STEM curriculum using the 7E Inquiry Model will spend one day delving into structure, protocols, activities and the philosophy of the inquiry model embedded in our STEM Curriculum.

Blue Schools & Red Schools:

**August 25, 2020, 8:00 – 3:00**
STEM Academy

OR

Blue Schools & Red Schools:
October 2, 2020, 8:00 – 3:00
STEM Academy

**Science Performance Expectations Unpacked (New Grade 5 and Grade 8 Science Assessment)**

**Grade 5 & 8 Science Teachers**

The NYS Office of Assessment is creating new resources which completely unpack the science performance expectations (PEs) from an assessment lens. These resources include:

- key aspects of the core content and sub ideas
- pre-conceptions and misconceptions
- relevant phenomena

Participants will receive a general overview of the resources and will then break into grade-level groups to work specifically with their documents.

**05/04/21, 8:00 – 3:00**
Coopers, Bldg. #8
Distance Learning Room
**STEM Offerings**

**Early Learning STEM**
**Grade PK**
This training session is for NEW teachers to the GST/FOSS Early Learning STEM program. This one-day training will provide an overview of the Early Learning units taught throughout the school year.

Blue Schools & Red Schools:
September 30, 2020
8:00 – 3:00
Bath HS, Room #342

**Kindergarten STEM**
**Materials & Motion**
This training session is for teachers NEW to the GST/FOSS Kindergarten STEM program and will focus on the unit Materials & Motion.
(No tuition for school year STEM courses- curriculum and training is part of COSER 525)

Blue Schools & Red Schools:
November 9, 2020, 8:00 – 3:00
Bath HS, Room #342

**Kindergarten STEM**
**Trees & Weather**
This training session is for teachers NEW to the GST/FOSS Kindergarten STEM program and will focus on the unit Trees & Weather.
(No tuition for school year STEM courses- curriculum and training is part of COSER 525)

Blue Schools & Red Schools:
September 29, 2020, 8:00 – 3:00
Bath HS, Room #342

**Kindergarten STEM**
**Animals 2x2**
This training session is for teachers NEW to the GST/FOSS Kindergarten STEM program and will focus on the unit Animals 2x2.
(No tuition for school year STEM courses- curriculum and training is part of COSER 525)

Blue Schools & Red Schools:
August 25, 2020, 8:00 – 3:00
Bath HS, Room #342
OR
Blue Schools & Red Schools:
October 6, 2020, 8:00 – 3:00
Bath HS, Room #342

**First Grade STEM**
**Air & Weather**
This training session is for teachers NEW to the GST/FOSS First Grade STEM program and will focus on the unit Air & Weather.
(No tuition for school year STEM courses- curriculum and training is part of COSER 525)

Blue Schools & Red Schools:
October 1, 2020, 8:00 – 3:00
Bath HS, Room #342

**First Grade STEM**
**Plants and Animals**
This training session is for teachers NEW to the GST/FOSS First Grade STEM program and will focus on the unit Plants & Animals.
(No tuition for school year STEM courses- curriculum and training is part of COSER 525)

Blue Schools & Red Schools:
September 15, 2020, 8:00 – 3:00
Bath HS, Room #342
STEM Offerings

**First Grade STEM**

**Sound & Light**
This training session is for teachers NEW to the GST/FOSS First Grade STEM program and will focus on the unit Sound & Light.
*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
November 17, 2020, 8:00 – 3:00
Bath HS, Room #342

**Second Grade STEM**

**Insects & Plants**
This training session is for teachers NEW to the GST/FOSS Second Grade STEM program and will focus on the unit Insects & Plants.
*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
September 28, 2020, 8:00 – 3:00
Bath HS, Room #342

**Second Grade STEM**

**Pebbles, Sand & Silt**
This training session is for teachers NEW to the GST/FOSS Second Grade STEM program and will focus on the unit Pebbles, Sand & Silt.
*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
September 21, 2020, 8:00 – 3:00
Bath HS, Room #342

**Second Grade STEM**

**Solids & Liquids: Playdough**
This training session is for teachers NEW to the GST/FOSS Second Grade STEM program and will focus on the unit Solids & Liquids: Playdough.
*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
November 16, 2020, 8:00 – 3:00
Bath HS, Room #342

**Third Grade STEM**

**Water & Climate**
This training session is for teachers NEW to the GST/FOSS Third Grade STEM program and will focus on the unit Water & Climate.
*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
September 30, 2020, 8:00 – 3:00
STEM Academy
Third Grade STEM
Structures of Life
*One New Investigation*
This training is for a NEW KIT that was only revised for just one investigation. This training is aligned to the NYS Science Learning Standards and will focus on the unit Structures of Life. This session is applicable for all 3rd grade teachers whether they are new to the curriculum or veteran.
(No tuition for school year STEM courses - curriculum and training is part of COSER 525)

Blue Schools & Red Schools:
**August 20, 2020, 8:00 – 3:00**
STEM Academy

**OR**
Blue Schools
March 8, 2021, 8:00 – 3:00
STEM Academy
Red Schools
September 24, 2020, 8:00 – 3:00
STEM Academy

Fourth Grade STEM
Soil, Rocks & Landforms
This training session is for teachers NEW to the GST/FOSS Fourth Grade STEM program and will focus on the unit Soil, Rocks & Landforms.
(No tuition for school year STEM courses - curriculum and training is part of COSER 525)

Blue Schools & Red Schools:
September 22, 2020, 8:00 - 3:00
STEM Academy

Fourth Grade STEM
Environments
This training session is for teachers NEW to the GST/FOSS Fourth Grade STEM program and will focus on the unit Environments.
(No tuition for school year STEM courses - part of COSER 525)

Blue Schools & Red Schools:
September 17, 2020, 8:00-3:00
STEM Academy

Third Grade STEM
Motion & Matter: Packaging Design
This training session is for teachers NEW to the GST/FOSS Third Grade STEM program and will focus on the unit Motion & Matter: Packaging Design.
(No tuition for school year STEM courses - curriculum and training is part of COSER 525)

Blue Schools & Red Schools:
**November 19, 2020, 8:00 – 3:00**
STEM Academy

Fourth Grade STEM
Energy: Rocket Design
This training session is for teachers NEW to the GST/FOSS Fourth Grade STEM program and will focus on the unit Energy: Rocket Design.
(No tuition for school year STEM courses - curriculum and training is part of COSER 525)

Blue Schools & Red Schools:
November 6, 2020, 8:00-3:00
STEM Academy
STEM Offerings

Fifth Grade STEM
Earth & Sun
This training session is for teachers NEW to the GST/FOSS Fifth Grade STEM program and will focus on the unit Earth & Sun.
*(No tuition for school year STEM courses- part of COSER 525)*

Blue Schools & Red Schools:
September 21, 2020, 8:00 - 3:00
STEM Academy

Fifth Grade STEM
Mixtures & Solutions: Water Filter
This training session is for teachers NEW to the GST/FOSS Fifth Grade STEM program and will focus on the unit Mixtures & Solutions; Water Filter.
*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
November 17, 2020, 8:00 – 3:00
STEM Academy

Fifth Grade STEM
Living Systems *NEW KIT*
This training is for a NEW KIT that is aligned to the NYS Science Learning Standards and will focus on the unit Living Systems. This session is applicable for all 5th grade teachers whether they are new to the curriculum or veteran.
*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
August 18, 2020, 8:00 – 3:00
STEM Academy

OR

Blue Schools
September 16, 2020, 8:00 – 3:00
STEM Academy

Red Schools
February 9, 2021, 8:00 – 3:00
STEM Academy

Sixth Grade STEM
Variables & Design
This training session is for teachers NEW to the GST/FOSS Sixth Grade STEM program and will focus on the unit Variables & Design.
*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
September 14, 2020, 8:00 – 3:00
STEM Academy
**Sixth Grade STEM**

**Electromagnetic Force**
This training session is for teachers NEW to the GST/FOSS Sixth Grade STEM program and will focus on the unit Electromagnetic Force.

*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
November 16, 2020, 8:00 – 3:00
STEM Academy

**Sixth Grade STEM**

**Weather & Water**
*NEW KIT*
This training is for a NEW KIT that is aligned to the NYS Science Learning Standards and will focus on the unit Weather & Water. This session is applicable for all 6th grade teachers whether they are new to the curriculum or veteran.

*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
**August 27, 2020, 8:00 – 3:00**
STEM Academy

OR
Blue Schools & Red Schools:
**October 26, 2020, 8:00 – 3:00**
STEM Academy

**Sixth Grade STEM**

**Earth History**
This training session is for teachers NEW to the GST/FOSS Sixth Grade STEM program and will focus on the unit Earth History.

*(No tuition for school year STEM courses- part of COSER 525)*

Blue Schools & Red Schools:
February 1, 2021, 8:00 – 3:00
STEM Academy

**MS LIFE STEM**

**Diversity of Life**
This training session is for teachers NEW to the GST/FOSS MS Life STEM program and will focus on the unit Diversity of Life.

*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
September 23, 2020, 8:00 – 3:00
STEM Academy

**MS LIFE STEM**

**Human Body**
This training session is for teachers NEW to the GST/FOSS MS Life STEM program and will focus on the unit Human Body.

*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
December 1, 2020, 8:00 – 3:00
STEM Academy

**MS LIFE STEM**

**Populations & Ecosystems**
This training session is for teachers NEW to the GST/FOSS MS Life STEM program and will focus on the unit Population & Ecosystems.

*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
February 8, 2021, 8:00 – 3:00
STEM Academy
**STEM Offerings**

**MS LIFE STEM**

**Heredity & Adaptations**
This training session is for teachers NEW to the GST/FOSS MS Life STEM program and will focus on the unit Heredity & Adaptations.
*(No tuition for school year STEM courses- part of COSER 525)*

Blue Schools & Red Schools:
November 9, 2020, 8:00 – 3:00
STEM Academy

**MS Phys STEM**

**Chemical Interactions**
*NEW KIT*
This training is for a NEW KIT that is aligned to the NYS Science Learning Standards and will focus on the unit Chemical Interactions. This session is applicable for all MS Physical Science teachers whether they are new to the curriculum or veteran.
*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
**August 26, 2020, 8:00 – 3:00**
STEM Academy

OR

Blue Schools & Red Schools:
September 15, 2020, 8:00 – 3:00
STEM Academy

**Waves**
This training session is for teachers NEW to the GST/FOSS MS Physical STEM program and will focus on the unit Waves.
*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
November 20, 2020, 8:00 – 3:00
STEM Academy

**Gravity & Kinetic Energy**
This training session is for teachers NEW to the GST/FOSS MS Physical STEM program and will focus on the unit Gravity & Kinetic Energy.
*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
November 5, 2020, 8:00 – 3:00
STEM Academy

**Planetary Science**
*NEW KIT*
This training is for a NEW KIT that is aligned to the NYS Science Learning Standards and will focus on the unit Planetary Science. This session is applicable for all MS Physical Science teachers whether they are new to the curriculum or veteran.
*(No tuition for school year STEM courses- curriculum and training is part of COSER 525)*

Blue Schools & Red Schools:
**August 19, 2020, 8:00 – 3:00**
STEM Academy

OR

Blue Schools & Red Schools:
March 9, 2021, 8:00 – 3:00
STEM Academy
OTHER CONTENT AREAS

CTE IN THE MIDDLE SCHOOL
BUSINESS OR TECHNOLOGY TEACHERS
GRADES 6–8
Middle school CTE and pathways to graduation – business course. Participants will dig into middle school CTE and pathways to graduation (Business Education) so students will be able to understand the underlying concepts of college, career and community readiness.

August 25, 2020, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

INTEGRATED CO-TEACHING
GRADES K-12
Co-Teaching: The most valuable resource that all teachers have is each other. Without collaboration our growth is limited to our own perspectives”. In this course, participants will:
- Identify the best practices in co-teaching
- Analyze lessons as co-teacher to differentiate, specially design, formatively assess & purposely group students to address the learning needs of ALL students.
- Apply best practices of co-teaching by designing your own lessons to use in September so students will be more successful in the inclusion setting & work toward grade level standards.

July 23, 2020, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

SELF-CONTAINED CLASSROOM: SPECIAL CLASS STRATEGIES FOR SUCCESS
GRADES K–12 SPECIAL EDUCATION TEACHERS
Setting up a self-contained classroom for success. Participants will learn to:
- Establish routines for behavior, transitions, procedures for learning stations and structures/protocols for
- Lesson planning toward grade level standards while meeting individual needs & goals
- Data collection procedures for tracking progress toward IEP goals as well as grade level standards.

August 17, 2020, 8:00 – 3:00
STEM Academy
Special Education Management Strategies
Grades K-12 Special Education Teachers
Are you a new teacher or a teacher looking to broaden your classroom management strategies? In this session you will be developing and creating materials to utilize immediately in your classroom. Key points will be:
• Creating the physical environment
• Establishing expectations, rules and routines
• Employing supervision
• Encouraging appropriate behavior
• Developing a continuum of responses for inappropriate behavior
• Engagement and multiple opportunities to respond
Learning outcomes by the end of the training session – participants will be able to:
• Use data from the classroom self-assessment to self-assess, reflect and action-plan so students will have positive outcomes both academically and behaviorally
• Implement classroom management strategies with fidelity so students will be able to be engaged in the content.

July 30, 2020, 8:00 – 3:00
Bath High School
Room #342

Art: Building Capacity Around the New Standards
Grades K–12 Art Teachers
Examine the 2017 NYS Learning Standards for the Arts with a focus on curriculum, instruction, and local assessment at P-12 levels. • Initiate partnership(s) to expand curriculum-based arts experiences beyond classroom walls. Build capacity for Art Graduation Pathway.

July 31, 2020, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

Technology Education PLC:
Grades 6-12
Target audience: Technology Education teachers & District Decision Makers, including CTE-certified educators in similar district roles
Outcomes: support and promotion for regional Robotics program, NYS Standards updates, Edlaw 2D, coordination of regional technology education collaborations, a look at best practices in our area, highlight innovative regional programs.

Be sure to register for each date you will attend.
Day 1: September 24, 2020, 8:00 – 3:00
AND
Day 2: January 15, 2021, 8:00 – 3:00
AND
Day 3: May 6, 2021, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room
SIP Offerings

Early Learning PLC: Grades PK-2
The Early Learning Professional Learning Community will come together throughout the year to support each other in the learning, implementing, and reflecting on new ideas related to curriculum, content, and instruction. Each session in this series will include three components: relevant updates and information from NYS Education Department, presentation of research-based strategies and methods, and group share out of goals, resources, and experiences.

Potential topics include:
- Exploring the developmental domains
- Intentional play in the P2 classroom
- Observing play and having meaningful conversations
- Formative assessment strategies
- Meeting the standards using purposeful play (we will dive into purposeful play activities to discover the standards being met)

Be sure to register for each date you will attend.
Day 1: October 27, 2020, 8:00 – 11:00
AND
Day 2: March 16, 2021, 8:00 – 11:00
AND
Day 3: May 3, 2021, 8:00 – 11:00
Coopers, Bldg. #8
Distance Learning Room

Elementary PLC: Intermediate Grades 3-5
The Grades 3-5 Professional Learning Community will come together throughout the year to support each other in the learning, implementing, and reflecting on new ideas related to curriculum, content, and instruction. Each session in this series will include three components: relevant updates and information from NYS Education Department, presentation of research-based strategies and methods, and group share out of goals, resources, and experiences.

Potential topics include:
- Changes in assessments coming Spring 2021.
- Inquiry-based learning across all subject areas
- Engagement strategies
- Student collaboration strategies
- Cross-curricular unit planning

Be sure to register for each date you will attend.
Day 1: October 27, 2020, 12:00 – 3:00
AND
Day 2: March 16, 2021, 12:00 – 3:00
AND
Day 3: May 3, 2021, 12:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

Inquiry Driven Classrooms in Any Content Area
Grades K-12
Every teacher seeks to deepen engagement and shift toward empowered learning. In this session, explore 6 strategies for creating an inquiry driven classroom that also incorporate the Habits of Mind, productive struggle, and fostering a sense of wonder within students. Together, we can inspire our students to be eager to learn while also fostering grit to persevere through challenges.

August 26, 2020, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room
**Makerspace and Design Thinking**  
**Grades K-12**

From low tech to high tech, makerspaces provide accessibility and equity for learners to work through the design-thinking process and bring ideas to life. Students empathize and define problems, generate solutions through ideation and work through rapid prototyping and testing. Success and failures are celebrated throughout the process, empowering learner to embrace innovation. Teachers will learn how to maximize learning in a makerspace and incorporate dynamic experiences to deepen engagement. Design Thinking in makerspace can be integrated into any content area and begins with developing empathy.

**January 27, 2021, 8:00 – 3:00**  
Coopers, Bldg. #8

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**Substitute Teacher Partnership**  
**Grades K-12**

This program is designed specifically to support substitute teachers identified by their districts (pre-approval is required) in strategies helpful to the unique role of substitute teaching. Topics include classroom management, emergencies, engagement strategies, supporting students with disabilities, record-keeping, using lesson plans, and communication strategies.

**Cycle #1, Class #1 of 2**  
9/10, 4:00 – 6:00

**Cycle #1, Class #2 of 2**  
9/17, 4:00 – 6:00

**Cycle #2, Class #1 of 2**  
11/5, 4:00 – 6:00

**Cycle #1, Class #2 of 2**  
11/12, 4:00 – 6:00

**Cycle #3, Class #1 of 2**  
2/4, 4:00 – 6:00

**Cycle #3, Class #2 of 2**  
2/11, 4:00 – 6:00

**Cycle #4, Class #1 of 2**  
4/15, 4:00 – 6:00

**Cycle #4, Class #2 of 2**  
4/22, 4:00 – 6:00

All classes meet at the Coopers, Bldg. #7 Cafeteria
**PROJECT-BASED LEARNING**

**PBL 101**

Four days Project Based Learning (PBL), is a teaching method in which students gain knowledge and skills by working through a process of sustained inquiry in response to a complex question, problem, or challenge. This interactive four-day workshop has three basic parts: Project Design, Assessment, and Management. By the end of this workshop, participants will have designed a project for use in their own classroom and will have a better understanding of:

1) The difference between PBL and “doing projects”
2) The need to provide students with opportunities to practice 21st century competencies balanced with learning significant content; and
3) How to manage a project in the classroom.

**Must register for and attend all four days.**

*July 14-16, 2020, 8:00 – 3:00*
Coopers, Bldg. #8
Distance Learning Room

AND

*October 21, 2020, 8:00 – 3:00*
Bush, Bldg. #1
Distance Learning Room

OR

*October 6-7 & 28-29, 2020, 8:00 – 3:00*
Coopers, Bldg. #8
Distance Learning Room

OR

*March 9-10 & March 31-April 1, 2021, 8:00 – 3:00*
Coopers, Bldg. #8
Distance Learning Room

**PBL IMMERSION DAY**

Want to see a grades 9-14 school fully immersed in PBL? For those considering PBL 101 training and want to see PBL in action, this is for you. This is an opportunity to see teachers and students working in different stages of PBL and to meet with the school principal and his teachers to learn more about their journey. Visits might include opportunities in which you can observe teachers using Protocols to revise and refine their project designs and/or to engage students. Each visit ends with a student panel Q/A session.

There are 3 possible dates to choose from, we hope one works for you!

*November 4, 2020, 8:00 – 3:00*
OR
*February 2, 2021, 8:00 – 3:00*
OR
*March 17, 2021, 8:00 – 3:00*
STEM Academy

**CLASSROOM CULTURE: TRANSFORM A CULTURE OF LEARNING**

**GRADES K-12**

Through authentic relationships, develop a culture that fosters student autonomy by amplifying voice and empowering choice. Learning how to create a responsive classroom culture through collaborative norms, protocols and learning strategies to elevate intrinsic motivation to learn. Explore how a flexible learning environment and shared ownership can transform your classroom.

*July 27, 2020, 8:00 – 3:00*
Coopers, Bldg. #8
Distance Learning Room
**SIP Offerings**

**Engagement Strategies that Fire Up the Brain!**

**Grades K-12**

Deepen engagement and begin to shift toward empowerment as you leverage brain-based learning strategies and practices backed by research. Increased equity, develop grit, and foster intrinsic motivation through incremental success, reflection and feedback. Within this session, you’ll gain an understanding in how engagement can support social-emotion learning and increase authentic real-world connections.

**August 27, 2020, 8:00 – 3:00**

Coopers, Bldg. #8

Distance Learning Room

**Social Emotional Learning**

**Teaching Today’s Children, Developing Tomorrow’s Adults: Elevate Your Classroom Through SEL**

**Grades K–12, Teachers & Counselors**

This two-day training focuses on intentionally and explicitly developing skills to foster a supportive environment that promotes the Social Emotional Learning standards.

Day one will include an overview of:
- 5 core competencies
- 3 goals of social emotional learning
- grade level benchmarks

Day two will consist of:
- working collaboratively with grade level colleagues (elementary, middle, or high school) based on professional need
- practical, easy to implement strategies to build resilience and community through prosocial classroom behaviors
- access to the Social Emotional Learning resources available in our region

**Be sure to register for and attend both dates.**

Day 1: **July 8, 2020, 8:00 – 3:00**

AND

Day 2: **July 9, 2020, 8:00 – 3:00**

Coopers, Bldg. #8
SIP OFFERINGS

SEL PLC
GRADES K–12, TEACHERS & COUNSELORS
Participants in this workshop will look at the Social-Emotional Learning Benchmarks, the impact on instructional practices and academic performance. Participants will experience turnkey activities, spend time exploring and discussing best practices and sharing resources. Participants will work collaboratively to identify protocols that engage students in their learning, making their classroom responsive to the social-emotional needs of all students.

Be sure to register for each date you will attend.
Day 1: 09/28/20, 8:00 – 3:00
AND
Day 2: 02/08/21, 8:00 – 3:00
AND
Day 3: 04/12/21, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

APPLIED SUICIDE INTERVENTION SKILLS TRAINING (ASIST)
WITH: PAT BREAUX AND GEORGIA ROETS
This is a two-day, interactive workshop in suicide first aid. ASIST teaches participants to recognize when someone may have thoughts of suicide and work with them to create a plan that will support their immediate safety. Participants do not need any formal training to attend the workshop.

Be sure to register for both dates.
Day 1: 07/06/20, 8:00 – 3:00
AND
Day 2: 07/07/20, 8:00 – 3:00
Coopers Bldg. 8, Distance Learning Room

LIVINGWORKS safeTALK
WITH: PAT BREAUX
LivingWorks safeTALK Learn and practice powerful, life-saving skills in just four hours. Using a simple yet effective model, LivingWorks safeTALK empowers everyone to make a difference.

08/24/20
Coopers, Bldg. #8
Distance Learning Room

REGIONAL CONFERENCE DAYS

SCHOOL COUNSELORS SUMMIT
SCHOOL COUNSELORS – HOW TO INCORPORATE SEL FRAMEWORK WITH CAREER STANDARDS.
The Summit is professional development designed specifically for school counselors, school psychologists, and social workers PK-12. The mission for this event is to inform the profession on current trends, best practices, and valuable resources through a wide variety of professional development opportunities.

March Conference Day: March 15, 2021
Coopers, Bldg. #7, Cafeteria
SIP Offerings

Leadership Offerings

New Leader Evaluation Training
This training is for administrators who have not previously participated in Lead Evaluator Training. The training will include all the state-prescribed components. The goal is to provide training that emphasizes growth-producing feedback. New evaluators will participate in a one-day summer training to jump-start the certification process and join the veteran evaluators in the half-day training and online training throughout the 2020-21 school year.

Be sure to register for both dates.
08/14/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room
AND
01/13/21, 8:00 – 11:00
Coopers, Bldg. #8
Distance Learning Room

Re-Certification for Teacher Evaluation
This training is for administrators who have previously participated in Lead Evaluator Training. The training will continue with all of the state-prescribed components as well as implementation and management of the APPR system, the integration of State Initiatives and Instructional Leadership. Attention will be paid to inter-rater agreement and reliability using your district’s rubric, as well as a focus on feedback and crucial conversations. 3-hour Morning OR Afternoon sessions available on 2 separate days. Must also complete online portion of the course.

Be sure to register only for the date you will attend.
10/05/20, 8:00 – 11:00
OR
10/05/20, 12:00-3:00
OR
12/04/20, 8:00 – 11:00
OR
12/04/20, 12:00-3:00
Coopers, Bldg. #8
Distance Learning Room
Online activities to follow.

Re-Certification for Principal Evaluation
This training is for administrators who will evaluate principals. The training will include all the state-prescribed components, as well as implementation and management of the APPR system, the integration of State initiatives and instructional leadership. Attention will be paid to inter-rater agreement and reliability using your district’s rubric. 3-hour Morning OR Afternoon sessions available followed by completion of the online portion of the course.

10/01/20, 8:00 – 11:00
OR
10/01/20, 12:00-3:00
Coopers, Bldg. #8,
Distance Learning Room
Online activities to follow
**Regional Instructional Leaders**
District designee(s) meet on each date from 9 a.m.–11 a.m. to review regional data and plan regional professional development offerings.

**Be sure to register for each date you will attend.**
Day 1: 8/17/20, 9:00-11:00
AND
Day 2: 10/02/20, 9:00 – 11:00
AND
Day 3: 11/3/20, 9:00 –11:00
AND
Day 4: 01/08/21, 9:00 – 11:00
AND
Day 5: 03/05/21, 9:00 – 11:00
AND
Day 6: 05/07/21, 9:00 – 11:00

Coopers, Bldg. #8
Distance Learning Room

**Regional Principal Meetings**
(Monthly-Alternating HS/MS and ES)
Meetings for district principals to collaborate, share and learn together. In addition to timely topics, based upon requests, we will explore the following topics:
- Regional Data Trends: What are we collectively seeing and what can we do about it.
- Dealing with Difficult Teachers: Everyone has at least one. What are the best practices for working with individuals who tend to disrupt the atmosphere of the school?
- Dealing with Difficult Parents: What are the tricks of the trade when working with challenging parents?
- Making More Time: In this session, we will look at ways that you can streamline systems in your office and school to create more time.
- Leading for the future: Are we really preparing students for College and Careers? What are our current Kindergarteners going to face when they graduate?
- Administering State Assessments: Participants will take another look at state protocols, test security, and test administration procedures.

**Be sure to register for each date you will attend.**
ES – 09/18/20
HS/MS – 10/23/20
ES – 11/13/20
HS/MS – 12/11/20
ES – 01/14/21
HS/MS – 02/05/21
ES – 03/19/21
HS/MS – 04/16/21
ES – 05/14/21
HS/MS – 06/04/21
8:00 – 10:00 a.m.
Coopers, Bldg. #8
Distance Learning Room
COURSES FOR DISTRICTS
PARTICIPATING IN DISTANCE/VIRTUAL LEARNING SERVICES

MANAGING, FACILITATING, AND TEACHING
ONLINE OR BLENDED-LEARNING COURSES
WITH APEX LEARNING
-Target audience: regional teachers, school counselors, TAs, or anyone using the Apex Learning platform.

Outcomes: A review of NYS Ed regulations regarding Credit-related topics and data privacy (as they relate to Online Learning), understanding how to manipulate courses through the Apex platform, creating additional assignments, best practices for communication and teaching.

07/30/20, 12:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

MAKING THE MOST OF THE ZOOM
SOFTWARE PLATFORM FOR VIDEO-BASED
COMMUNICATIONS
Target audience: any teachers working with DL courses, distance meetings, or any other distance-based connections who want to learn to use Zoom to its fullest potential.

Outcomes: Understanding the Zoom platform from top to bottom, including sharing content, polling, non-verbal feedback, best practices for camera and microphone placement, and laws and regulations about recording or posting videos. Participants will be able to use Zoom to host effective meetings with people from more than one site.

07/30/20, 8:00 – 11:00
Coopers, Bldg. #8
Distance Learning Room

MODEL SCHOOL OFFERINGS

DIGITAL CITIZENSHIP: DO YOU HAVE AN EVIL TWIN?
Do you know what information is online about you? Do you know how to keep your data and safe and secure? You will learn about your digital footprint and how to change your settings to keep yourself safe online. We will discuss the 9 characteristics of Digital Citizenship, and ways to infuse those characteristics into lessons and projects. Participants will be able to gain awareness of Ed Law 2D so teachers & students can keep their data safe and secure.

10/22/20, 3:45 – 6:45
Coopers, Bldg. #8
Distance Learning Room
**Schoology Bootcamp**
Need help setting up your Schoology Courses for the year? This course will focus on reviewing all settings you need for the beginning of the school year and linking your gradebook to school tool. It will also provide resources for ways to take your Schoology Courses to the next level.

08/26/20, 8:00 – 3:00
Bush, Bldg. #12

**Office 365: OneDrive and Forms**
Participants will get a basic understanding of the cloud and learn how to create, store, share, and retrieve files in the cloud using OneDrive. Additionally, participants in this class will learn to create and share forms to conduct surveys, have students select projects, collect data, and more.

07/28/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

**1:1 Classroom: Best Practices for Blended Learning**
Help! I have 1:1 device’s and I have no idea what to do with them. How to create and manage a blended learning environment in your classroom.

07/24/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

**Office 365: OneNote Class Notebooks**
In OneNote you create “notebooks” where you can organize all of your resources (notes, information, websites, images), making lesson plan development an easier process. You will also learn how to utilize OneNote Class Notebooks.

Be sure to register for all dates you will attend.
08/11/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

**Office 365: Microsoft Teams as a Learning Management System**
How to use teams to deliver online context, assignments and assessments.

07/10/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

Target Audience: Districts who are using Office 365 and not using Schoology.

08/04/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

**SAMR & TPACK: How to Enhance Instruction with Technology**
Participants will use SAMR & TPACK to enhance their lessons so that students will be able to use technology in a meaningful way.

07/10/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

**Office 365: OneNote Class Notebooks**
In OneNote you create “notebooks” where you can organize all of your resources (notes, information, websites, images), making lesson plan development an easier process. You will also learn how to utilize OneNote Class Notebooks.

Be sure to register for all dates you will attend.
08/11/20, 8:00 – 3:00
Coopers, Bldg. #8
Distance Learning Room

OR
10/06/20, 3:45 – 6:45
WW 5, Room 502
AND
10/27/20, 3:45 – 6:45
WW 5, Room 502

OR
01/26/21, 3:45 – 6:45
Bush, Bldg. #12
1220 Computer Lab
AND
02/23/21, 3:45 – 6:45
Bush, Bldg. #12
1220 Computer Lab
**Office 365: Overview**  
This course is intended for those that want to learn the basics of Office 365. Participants will get an overview of selected apps available through their Educational Office 365 Account and their practical uses in the classroom.

09/23/20; 3:30-4:30  
ONLINE

**Speech to Text and Text to Speech**  
Bridge the Gap and Reach All Students. Are you looking for tools that will empower struggling students with reading and writing? In this one-hour tech talk we will explore text to speech and speech to text tools that are available for students on the Web, within Microsoft and within Google.

11/05/20; 3:30-4:30  
ONLINE

**G Suite: Google Classroom**  
Google Classroom is a Learning Management System that helps teachers create and organize assignments quickly, provide feedback efficiently, and easily communicate with their classes. Teachers in this class will learn how to leverage this tool with their current use of Google Apps for Education. *Teachers MUST have a Google Account given to them by their school district in order to participate in this class.*

08/21/20, 8:00 – 3:00  
Coopers, Bldg. #8  
Distance Learning Room

OR  
09/29/20, 3:45 – 6:45  
WW, Bldg. #5, Room #502  
AND  
10/20/05, 3:45 – 6:45  
WW, Bldg. #5, Room #502

**G Suite: Google Forms**  
Google Forms and Spreadsheets can be accessed from anywhere and shared in real time, offering a wide variety of ways to use them with your students. Participants in this class will learn to create and share forms to conduct surveys, have students select projects, collect data, and more. We’ll also explore Google Spreadsheets as a tool for taking collaborative notes or gathering data collaboratively. We will learn how to embed and share spreadsheets and forms and discuss strategies for using them across the curriculum.

10/28/20, 3:45 – 6:45  
Coopers, Bldg. #8  
Distance Learning Room

**Breakout EDU**  
Breakout EDU is a revolutionary approach that brings gaming into the classroom in an entirely different and meaningful way. These powerful games teach students essential critical skills, teamwork and complex problem solving. The greatest part is that this concept can be used in all content areas. This instructional model puts the students in the driver seat and requires the teacher to act as a facilitator while the students construct knowledge. We will practice the shifted role for the instructor. In this session, you will be immersed in a Breakout EDU game and learn what it takes to create your own immersive learning experience. Individualized instructor-supported working time will be provided so that you can design your own game.

07/22/20, 8:00 – 3:00  
Bath High School, Room 342
Technology in the Classroom: Nearpod and Flipgrid

Nearpod is a student engagement platform that can be used to amazing effect in the classroom. The concept is simple. A teacher can create presentations that can contain quizzes, polls, videos, images, drawing-boards, web content and so on. Flipgrid is a website that allows teachers to create “grids” to facilitate video discussions. Each grid is like a message board where teachers can pose questions, called “topics,” and their students can post video responses that appear in a tiled grid display.

07/16/20, 8:00 – 3:00
STEM Academy