

**Bergen County Technical Schools
Half-Day Professional Development Schedule: 2021-22**

District-Wide PD on October 1st

While the following trainings were designed with the unique needs of our individual school buildings, all teachers district-wide will have the ability to register for any of the professional development opportunities listed below.

AM (9:00-11:30)

Cross Curricular Writing Instruction Part I (FULL DAY PARAMUS ONLY, IN-PERSON) The purpose of this PD is to establish norms for writing instruction across disciplines in order to promote student growth in a variety of writing styles. We will review the writing style guide, grading rubric, and perform a grade norming activity, as well as discuss how to use this tracked data to assess student needs and inform future instruction.	Legal Issues for Special Education Part 1- John Worthington NJPSA (Full Day IN-PERSON 2nd FI Training Room) This training will provide an overview of legal requirements under IDEA and State special education regulations, including the key elements to consider including in IEPs, including supports that may be necessary for students, lessons to be learned from recent case law and the latest guidance from the U.S. and New Jersey Departments of Education.	Addressing the Social and Emotional Needs of Students Post Covid Part I (FULL DAY REMOTE) - Wendy Custable This full day session will present teachers with strategies and techniques in the areas of Social & Emotional Learning & Support after the trauma of Covid. The presenter will discuss strategies for engaging students after so much time working remotely.	Increasing Student Engagement Part I - Kristen Poage (FULL DAY REMOTE) The New Art and Science of Teaching is a well-researched instructional framework that comprehensively addresses the most alterable effect on student achievement—quality instruction. This training will be focused on the context and content categories of the New Art and Science of Teaching. In this training, teachers will learn ways to take advantage of a vast array of resources and strategies related to motivation and engagement.	Improving Engagement in Adult CTE Part I - Christi McBride (FULL DAY REMOTE) This workshop will be customized to the needs of the adult educators and meant to build upon the work they began in the spring with engaging adult learners.
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<p>Atlas Work Session on the New Standards with REMOTE TBD</p> <p>Teachers will work in groups to ensure that all areas of their Atlas maps are completed and starting to align to the 2020 NJ Student Learning Standards that will be required in 2022. Building and curriculum office admins will assist in activities such as:</p> <ul style="list-style-type: none"> • Updating course descriptions • Improving essential questions • Breaking down activities • Integrating standards from the new Computer Science & Design Thinking and Career Readiness, Life Literacies, and Key Skills Standards • Creating rubrics for performance assessments 	<p>Best Practices for Writing IEPs - Part 1 Kathy Rotter (Full Day IN-PERSON Hazard Bldg)</p> <p>The goal of the Best Practices for Writing and Following the IEP workshop is to develop and improve the implementation of the IEP within the classroom. Activities include discussion with Child Study Team case managers and special education teachers to express viewpoints and develop strategies to improve and enhance the implementation of the IEP for the special and general education teacher. A two day workshop will be split into an information session on October 1st and then followed up by a collaborative IEP team building exercise on November 11th to create goals and modifications that meet Best Practices for 21st century instruction.</p>	<p>Word Wall (Teterboro only IN-PERSON): Sheavon Mason</p> <p>Wordwall.net allows teachers to create interactive games and printed materials for their students. These include quizzes, word games, match ups, and much more. Participants will be given an overview of this technology tool and an opportunity to explore/build one of their own.</p>	<p>Experience First, Formalize Later in Math class Part 1 with Gwenn IN-PERSON</p> <p>This session will introduce math teachers to a lesson format that allows students to engage with the material prior to formal instruction. This student centered approach emphasizes context for each lesson. Teachers participating in this session and subsequent work sessions will continue this work throughout the 2021-22 school year.</p>	<p>Introduction to Discovery Education - Tracy Hartnett REMOTE</p> <p>This Session will help teachers new to Discovery Education quickly find resources to use in instruction or assign to students. In addition teachers will learn how to navigate the 190,000+ vetted, curated, and standards aligned resources. - Tracy Hartnett</p>
<p>Incorporating Video Production in PBL with Mike (Full Day)</p> <p>This session will introduce teachers to various methods of video capture in order to be used for student projects. Techniques will include general video techniques, stop motion, time lapse, frame rate, and media capture and storage.</p>	<p>Developing and Delivering Phenomena Based Lessons Aligned with NGSS with Rutgers Part 1 (Full Day REMOTE)</p> <p>This session will provide science teachers with strategies to develop phenomena driven lessons which satisfy the three dimensions of NGSS. This student centered approach emphasizes inquiry for each lesson. Teachers participating in this session and subsequent work sessions will continue this</p>	<p>Project Based Learning Part I with Tim (Full Day)</p> <p>This session will provide participants with the resources and time to create a project for use in their classes. Included in this session will be sample projects, technology tools, and tips to effectively manage projects.</p>	<p>Culturally Responsive Teaching with Dr. Mary Gatta REMOTE</p> <p>The workshop will explore questions related to exploring safety and agency in the classroom by providing a 'basic toolkit' that includes an overview of Culturally Responsive Pedagogy (CRP), challenging assumptions about teacher and student-centered pedagogy, examining the role of the instructor, and engaging mindset theory through small</p>	

	work throughout the 2021-22 school year.		group activities.	
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PM (12:30-3:00)

<p>Cross Curricular Writing Instruction Part II (FULL DAY PARAMUS ONLY IN-PERSON)</p> <p>The purpose of this PD is to build on the Setting Writing Goals & Assessing Student Writing morning session. We will examine the tools and resources that will enhance students' writing abilities through the official BCTS Style Guide, which will allow them to excel on the BT Essay Rubric. Additionally, we will guide staff through efficient data collection to drive and plan future instruction.</p>	<p>Legal Issues for Special Education- NJPSA Part 2- John Worthington NJPSA (Full Day IN-PERSON 2nd FI Training Room)</p> <p>This training will provide an overview of legal requirements under IDEA and State special education regulations, including the key elements to consider including in IEPs, including supports that may be necessary for students, lessons to be learned from recent case law and the latest guidance from the U.S. and New Jersey Departments of Education.</p>	<p>Addressing the Social and Emotional Needs of Students Post Covid Part II (FULL DAY REMOTE) - Wendy Custable</p> <p>This full day session will present teachers with strategies and techniques in the areas of Social & Emotional Learning & Support after the trauma of Covid. The presenter will discuss strategies for engaging students after so much time working remotely.</p>	<p>Increasing Student Engagement Part II Kristen Poage (FULL DAY REMOTE)</p> <p>The New Art and Science of Teaching is a well-researched instructional framework that comprehensively addresses the most alterable effect on student achievement—quality instruction. This training will be focused on the context and content categories of the New Art and Science of Teaching. In this training, teachers will learn ways to take advantage of a vast array of resources and strategies related to motivation and engagement.</p>	<p>Improving Engagement in Adult CTE Part II - Christi McBride (FULL DAY REMOTE)</p> <p>This workshop will be customized to the needs of the adult educators and meant to build upon the work they began in the spring with engaging adult learners.</p>
<p>Atlas Work Session on the New Standards REMOTE TBD</p> <p>Teachers will work in groups to ensure that all areas of their Atlas maps are completed and working to align to the 2020 NJ Student Learning Standards. Building and curriculum office admins will assist in activities such as:</p>	<p>Best Practices for Writing IEPs - Part 2 Kathy Rotter(Full Day IN-PERSON Hazard Bldg)</p> <p>The goal of the Best Practices for Writing and Following the IEP workshop is to develop and improve the implementation of the IEP within the classroom. Activities include discussion</p>	<p>Developing and Delivering Phenomena Based Lessons Aligned with NGSS Part II (Full Day REMOTE)</p> <p>During part 2 of this day-long PD, teachers will work in groups to develop new or modify existing lessons that are driven by phenomena and aligned with the three dimensions of NGSS.</p>	<p>Experience First Formalize Later in Math class Part II (Full Day IN-PERSON)</p> <p>During part 2 of this day long PD, teachers will work in groups to develop new or modify existing lessons in the EFFL format.</p>	<p>Workplace Simulations for CTE with Rich REMOTE</p> <p>With the NJDOE's push towards more work-based learning in CTE courses at all grade levels, simulated projects with industry partners can provide an engaging and practical approach before students are ready for full-blown internships. This</p>

<ul style="list-style-type: none"> Updating course descriptions Improving essential questions Breaking down activities Integrating standards from the new Computer Science & Design Thinking and Career Readiness, Life Literacies, and Key Skills Standards Creating rubrics for performance assessments 	<p>with Child Study Team case managers and special education teachers to express viewpoints and develop strategies to improve and enhance the implementation of the IEP for the special education teacher and general education classroom teacher. A two day workshop will be split into an information session on October 1st and then followed up by a collaborative IEP team building exercise on November 11th to create goals and modifications that meet Best Practices for 21st century instruction.</p>	<p>Emphasis will be placed on addressing climate change. *Teachers signing up for this session will be able to sign up for subsequent work sessions throughout the year</p>		<p>session will provide teachers with the templates and examples to design their own workplace simulation for their CTE area.</p>
<p>Incorporating Video Production in PBL with Mike This session will introduce teachers to various methods of video capture in order to be used for student projects. Techniques will include general video techniques, stop motion, time lapse, frame rate, and media capture and storage.</p>	<p>Project Based Learning Part II with Tim (Full Day) This will be a continuation of the AM session and provide participants with the resources and time to create a project for use in their classes. Included in this session will be sample projects, technology tools, and tips to effectively manage projects.</p>	<p>Advanced Edulastic with Edulastic Specialist Abel Gonzalez REMOTE During this session teachers will be provided with a general overview/refresher of the assessment builder and an introduction to the newest features Edulastic has to offer. Time permitting, the Edulastic Specialist will provide individualized support as you work on building your own assessments.</p>		

Bergen County Academies
Half-Day Professional Development Schedule: 2021-22

10/18	11/16	3/25	5/27
<p>Assessment of Learning Loss Due to Remote Instruction.- with Chris Jakicic VIRTUAL</p> <p>Formative assessments will be critical to identifying gaps in student knowledge and skills post remote instruction. This workshop will help teachers in creating more personalized classroom strategies to scaffold all students back their grade level expectations.</p>	<p>Cross Curricular Writing Instruction with Bonnie VIRTUAL</p> <p>This session is an opportunity to explore the tools and resources in our recently developed BCTS Style Guide and writing rubric. Participants in this session will be able to turnkey these resources to colleagues in their departments and further support students in their writing development. Additionally, we will guide staff through efficient data collection to drive and plan future instruction.</p>	<p>Integrating Finance into the Math Classroom Part I with Steve Schwimmer</p> <p>In an effort to assist math teachers in helping students see the real-world application of mathematics, this session will explore topics like the time value of money and how bond valuation and discount rates, yield curves, duration, and convexity measures can be used to engage math students. Additional topics related to stock options such as the study of volatility and standard deviation concepts in connection with stock option pricing will also be explored.</p>	<p>Integrating Finance into the Math Classroom Part II with Steve Schwimmer</p> <p>In an effort to assist math teachers in helping students see the real-world application of mathematics, this session will explore topics like the time value of money and how bond valuation and discount rates, yield curves, duration, and convexity measures can be used to engage math students. Additional topics related to stock options such as the study of volatility and standard deviation concepts in connection with stock option pricing will also be explored.</p>
<p>Individualizing Interventions to Address Learning Loss with Mike Ruyle VIRTUAL</p> <p>Traditionally, K–12 schools tend to focus on knowledge and skills... to the detriment of their students. But the extent to which students are motivated and inspired is a function of the extent to which the classroom attends to the personal motivation, inspiration, and connection needs of every student. Learn how to take advantage of the vast array of available resources and strategies related to motivation and inspiration. Special attention will be given to increasing engagement in our classrooms and address learning loss due to extended periods of online learning.</p>	<p>Atlas Work Session on the New Standards with VIRTUAL TBD</p> <p>Teachers will work in groups to ensure that all areas of their Atlas maps are completed and starting to align to the 2020 NJ Student Learning Standards that will be required in 2022. Building and curriculum office admins will assist in activities such as:</p> <ul style="list-style-type: none"> • Updating course descriptions • Improving essential questions • Breaking down activities • Integrating standards from the new Computer Science & Design Thinking and Career Readiness, Life Literacies, and Key Skills Standards • Creating rubrics for performance assessments 	<p>Aligning Practices with the Science NJSLS Part 3 with Rutgers VIRTUAL</p> <p>Teachers will continue their work aligning lessons to the 2020 NJSLS -Science standards and the three dimensional NGSS approach. It is recommended that teachers who take this session should have participated in the previous sessions offered. If teachers were not able to attend, they should contact their district supervisor for further information.</p>	<p>“Can Joy Smell Parkinson’s?” with Gwenn</p> <p>In 2015, a woman noticed a change in her husband’s scent. She went on to claim she could “sniff out” Parkinson’s disease. Participants in this workshop will analyze the claim revisiting statistics content such as: descriptive statistics, simulations, sampling distributions, and inference procedures. <i>All content areas are welcome to attend.</i></p>

<p>Labster Training with Mike This session will provide science teachers with an introduction to the tools available through the <i>Labster</i> online research enhancement program. <i>Labster</i> provides more than 200 engaging, virtual lab activities for 2000 colleges and high schools.</p>	<p>Intro to the Global PD System with Solution Tree VIRTUAL This workshop will include a virtual demonstration and opportunities for teachers to explore the Global PD platform. Global PD provides job-embedded PD by giving teachers access to the largest library of PLC videos and books in the world. This system allows teachers to customize their PD to their own needs and schedule</p>	<p>Digital Humanities with Karyn Elizabeth Daly and Kelly Hamond What do the New York Times COVID maps and the organization of names on the 9/11 Memorial have in common? Both are examples of Digital Humanities (DH) at work in the world. Come learn about the field of DH from K-12 educators. We'll explore key concepts in DH from data visualization and text analysis to digital and open pedagogies. With DH, we can empower high school students to tackle humanistic questions, do real research, and use their work to bring about change in the world. You may even discover you've been doing DH all along.</p>	<p>How Algorithms Rule Us and How to Rule Them with Clive Thompson Software algorithms have been an enormous boon to humanity: At heart, they're just a bunch of rules that tell computers how to automate some activity -- making our lives more efficient. Wordcount, photo filters, anti-lock braking and web browser? They're all woven from algorithms. Automation has made life immeasurably better. The problem with modern life is that huge, for-profit firms are increasingly using algorithms to automate crucial aspects of social and civic life. This talk will focus on the good and bad of algorithmic life -- what it means to outsource judgement to machines, and when it helps and hinders us. You'll leave the talk understanding what algorithms really are, and what we can do about their dangerous civic effects."</p>
<p>Integrating Economics into Social Studies with Steve Schwimmer As so much of history is driven by economics, it is critical that our students understand those connections, and the Social Studies classroom is a great place to start. This two part program will provide an exploration of GDP, its components, and how it is measured. In addition, topics such as historical business cycles, the role of the Central Bank, as well as our current economic landscape will also be discussed.</p>	<p>Aligning Practices with the Science NJSLS Part 2 with Rutgers VIRTUAL Teachers will continue their work aligning lessons to the 2020 NJSLS -Science standards and the three dimensional NGSS approach. It is recommended that teachers who take this session should have participated in the previous sessions offered. If teachers were not able to attend, they should contact their district supervisor for further information.</p>	<p>Cold Plasma and Hydroponics with Mukund Karwe Ph.D. Food Engineering Editor, Dean of School of Environmental and Biological Sciences Rutgers. - Dr. Karwe will discuss the potential applications of cold plasma in food safety and hydroponics.</p>	

<p>The History of Segregation and Environmental Racism - Dr. Leslie Wilson from Montclair State University</p> <p>This session will provide teachers with the history of segregation and inequality in New Jersey's schools. In addition, an overview of the history and current impact of environmental racism in our state will also be addressed.</p>	<p>Experience First, Formalize Later Lesson (EFFL) Development for Mathematics - Gwenn</p> <p>Math teachers will continue their work developing EFFL and student centered lessons with context. It is recommended that teachers who take this session should have participated in the previous sessions offered. If teachers were not able to attend, they should contact their district supervisor for further information.</p>	<p>Labster Training with Mike part 2</p> <p>This session will provide science teachers with an introduction to the tools available through the <i>Labster</i> online research enhancement program. <i>Labster</i> provides more than 200 engaging, virtual lab activities for 2000 colleges and high schools.</p>	<p>Labster Training with Mike part 3</p> <p>This session will provide science teachers with an introduction to the tools available through the <i>Labster</i> online research enhancement program. <i>Labster</i> provides more than 200 engaging, virtual lab activities for 2000 colleges and high schools.</p>
		<p>Methods and Strategies to Navigate Sensitive and Complex Discussions with Students Concerning Race, Gender, and LGBTQ+ Identities with History Unerased VIRTUAL</p> <p>This session will cover the following:</p> <ul style="list-style-type: none"> • Exploring the difficult questions our nation is facing as we are trying to reconcile historic discrimination • Analyzing authentic scenarios from the classroom and the "teachable moments" they provide educators • Engaging with methods and strategies to structure and facilitate sensitive and complex discussions with students relating to race, gender, and LGBTQ+ identities 	
<p>Experience First, Formalize Later Lesson (EFFL) Development for Mathematics - Gwenn</p> <p>Math teachers will continue their work developing EFFL and student centered</p>	<p>Creating Interactive Resource Materials with Todd Crane VIRTUAL</p> <p>During this session, teachers will explore Perusall, an online learning platform that allows students and</p>		

<p>lessons with context. It is recommended that teachers who take this session should have participated in the previous sessions offered. If teachers were not able to attend, they should contact their district supervisor for further information.</p>	<p>teachers to annotate assigned content (text, video, and podcasts) and engage with the material in a style akin to social media posting. Students can write full comments, “like” comments, use hashtags, link URLs to their comments and even use emoticons. Perhaps most compelling to teachers is that Perusall uses machine learning to automatically grade the quality and consistency of student engagement using an instructor-adjustable rubric. Perusall can also be used for peer editing assignments and can be structured to allow students from different sections to interact, even if they have different teachers. If you are looking for a tool that can efficiently and accurately check that your students are actively reading text, intentionally viewing videos, or genuinely engaging in peer editing without adding significant time to your own grading obligations, Perusall may meet your needs.</p>		
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Bergen County Technical High School, Paramus Campus & Applied Technology High School, BCC Campus

Half-Day Professional Development Schedule: 2021-22

10/22	11/12	3/11	4/22
<p>Engaging Parents as Caregivers Part I- Solution Tree VIRTUAL</p> <p>This workshop will provide teachers with fresh approaches to bringing parents into our school buildings with the hope that reconnecting them to our communication network will increase their efficacy in supporting our students' learning. - Nathaniel Provencio</p>	<p>Engaging Parents as Caregivers Part 2 - Solution Tree VIRTUAL</p> <p>This workshop will provide teachers with fresh approaches to bringing parents into our school buildings with the hope that reconnecting them to our communication network will increase their efficacy in supporting our students' learning. - Nathaniel Provencio</p>	<p>Future Movements and Policies in Education with Rich</p> <p>In the aftermath of extended school closures, many recent movements in assessment, national standards, and personalized learning have stalled. This session will allow teachers to explore what might come next and how those possible movements might impact our schools. Topics explored will include school integration, competency-based education, and new approaches to teaching mathematics.</p>	<p>ALEKS Training for Mathematics Teachers</p> <p>This session will focus on using ALEKS online learning program to generate data about student learning. Participants should have a basic working knowledge of the program.</p>
<p>Intro to the Global PD System with Solution Tree VIRTUAL</p> <p>This workshop will include a virtual demonstration and opportunities for teachers to explore the Global PD platform. Global PD provides job-embedded PD by giving teachers access to the largest library of PLC videos and books in the world. This system allows teachers to customize their PD to their own needs and schedule - Lauren McCarroll</p>	<p>Aligning Practices with the Science NJSL Part 2 with Rutgers VIRTUAL</p> <p>Teachers will continue their work aligning lessons to the 2020 NJSL -Science standards and the three dimensional NGSS approach. Teachers in this session should have participated in the previous sessions offered.</p>	<p>Aligning Practices with the Science NJSL Part 3 with Rutgers VIRTUAL</p> <p>Teachers will continue their work aligning lessons to the 2020 NJSL -Science standards and the three dimensional NGSS approach. Teachers in this session should have participated in the previous sessions offered.</p>	<p>Moving from Homework to Home Learning: Practical Tools for Engaging Students in Active Learning and Deep Thinking VIRTUAL</p> <p>With so much learning done online and away from the classroom, it is more important than ever for teachers to motivate and engage students while promoting active learning and deep thinking. In this interactive session, we will explore some of the most common challenges associated with at-home learning—and the practical ways all teachers can address them. More specifically, participants will experience and acquire instructional tools that they can use right away to help students become more self-directed learners, engage with rigorous content, and</p>

			develop essential “big picture” thinking skills. Silver & Strong
Experience First, Formalize Later Lesson (EFFL) Development for Mathematics - Gwenn Math teachers will continue their work developing EFFL and student centered lessons with context. It is recommended that teachers who take this session should have participated in the previous sessions offered. If teachers were not able to attend, they should contact their district supervisor for further information.	Experience First, Formalize Later Lesson (EFFL) Development for Mathematics - Gwenn Math teachers will continue their work developing EFFL and student centered lessons with context. It is recommended that teachers who take this session should have participated in the previous sessions offered. If teachers were not able to attend, they should contact their district supervisor for further information.	Experience First, Formalize Later Lesson (EFFL) Development for Mathematics - Gwenn Math teachers will continue their work developing EFFL and student centered lessons with context. It is recommended that teachers who take this session should have participated in the previous sessions offered. If teachers were not able to attend, they should contact their district supervisor for further information.	Creating Physical Education Unit Themes and Student Centered Health Lessons with Judy LoBianco In this workshop, Health and PE teachers will explore the differences between traditional PE units and the benefits of teaching for physical literacy. The session will also discuss the shift from fear-based health education to a more skill-based, student-centered approach. Using the national and state physical education standards, teachers will receive links to resources, lessons and assessments in both health and physical education.
Individualizing Interventions to Address Learning Loss Part 1 with Mike Ruyle VIRTUAL Traditionally, K–12 schools tend to focus on knowledge and skills... to the detriment of their students. But the extent to which students are motivated and inspired is a function of the extent to which the classroom attends to the personal motivation, inspiration, and connection needs of every student. Learn how to take advantage of the vast array of available resources and strategies related to motivation and inspiration. Special attention will be given to increasing engagement in our classrooms and address learning loss due to extended periods of online learning.	Individualizing Interventions to Address Learning Loss Part 2 with Mike Ruyle Traditionally, K–12 schools tend to focus on knowledge and skills... to the detriment of their students. But the extent to which students are motivated and inspired is a function of the extent to which the classroom attends to the personal motivation, inspiration, and connection needs of every student. Learn how to take advantage of the vast array of available resources and strategies related to motivation and inspiration. Special attention will be given to increasing engagement in our classrooms and address learning loss due to extended periods of online learning.	Word Wall with Sheavon Mason Wordwall.net allows teachers to create interactive games and printed materials for their students. These include quizzes, word games, match ups, and much more. Participants will be given an overview of this technology tool and an opportunity to explore/build one of their own.	Assessment for Learning & Assessment of Learning with Authentic Education VIRTUAL Explore the characteristics of transfer and deep understanding and how engaging formative and summative assessment can be used to identify those things in your students. Discover the value of pretests and low-stakes assessment for skill building. Establish a repertoire of techniques to check quickly for student understanding, to craft engaging tasks that probe and deepen learning, and to evaluate student work fairly.
Atlas Work Session on the New Standards with VIRTUAL TBD Teachers will work in groups to ensure that all areas of their Atlas maps are completed and starting to align to the 2020 NJ Student Learning Standards that will be required in	Cross Curricular Writing Instruction with Bonnie VIRTUAL This session is an opportunity to explore the tools and resources in our recently developed BCTS Style Guide and writing rubric. Participants in this session will be able to	Incorporating Video Production in PBL with Mike This session will introduce teachers to various methods of video capture in order to be used for student projects. Techniques will include general video techniques, stop motion, time lapse,	

<p>2022. Building and curriculum office admins will assist in activities such as:</p> <ul style="list-style-type: none"> • Updating course descriptions • Improving essential questions • Breaking down activities • Integrating standards from the new Computer Science & Design Thinking and Career Readiness, Life Literacies, and Key Skills Standards • Creating rubrics for performance assessments 	<p>turnkey these resources to colleagues in their departments and further support students in their writing development. Additionally, we will guide staff through efficient data collection to drive and plan future instruction.</p>	<p>frame rate, and media capture and storage.</p>	
<p>Intro to Actively Learn with Jennifer Papulino VIRTUAL– Actively Learn is a platform that enables teachers to create interactive readings that include embedded links, video, questions, and text to speech. Teachers can import their own readings or choose from a large selection of pre-made content organized by subject and grade level. Participants will review the framework for how Actively Learn works and explore new updates. Implementation strategies will be shared and discussions of the potential impact of Actively Learn will take place.</p>			

Bergen County Technical High School, Teterboro Campus

Half-Day Professional Development Schedule: 2021-22

10/29	3/1	3/18	4/4
<p>Assessment of Learning Loss Due to Remote Instruction.- with Chris Jakicic VIRTUAL</p> <p>Formative assessments will be critical to identifying gaps in student knowledge and skills post remote instruction. This workshop will help teachers in creating more personalized classroom strategies to scaffold all students back their grade level expectations.</p>	<p>Experience First, Formalize Later Lesson (EFFL) Development for Mathematics - Gwenn</p> <p>Math teachers will continue their work developing EFFL and student centered lessons with context. It is recommended that teachers who take this session should have participated in the previous sessions offered. If teachers were not able to attend, they should contact their district supervisor for further information.</p>	<p>Aligning Practices with the Science NJSL Part 3 with Rutgers VIRTUAL</p> <p>Teachers will continue their work aligning lessons to the 2020 NJSL -Science standards and the three dimensional NGSS approach. It is recommended that teachers who take this session should have participated in the previous sessions offered. If teachers were not able to attend, they should contact their district supervisor for further information.</p>	<p>"Can Joy Smell Parkinson's?" with Gwenn</p> <p>In 2015, a woman noticed a change in her husband's scent. She went on to claim she could "sniff out" Parkinson's disease. Participants in this workshop will analyze the claim revisiting statistics content such as: descriptive statistics, simulations, sampling distributions, and inference procedures. <i>All content areas are welcome to attend.</i></p>
<p>Individualizing Interventions to Address Learning Loss with Mike Ruyle VIRTUAL</p> <p>Traditionally, K-12 schools tend to focus on knowledge and skills... to the detriment of their students. But the extent to which students are motivated and inspired is a function of the extent to which the classroom attends to the personal motivation, inspiration, and connection needs of every student. Learn how to take advantage of the vast array of available resources and strategies related to motivation and inspiration. Special attention will be given to increasing engagement in our classrooms and address learning loss due to extended periods of online learning.</p>	<p>Incorporating Video Production in PBL with Mike</p> <p>This session will introduce teachers to various methods of video capture in order to be used for student projects. Techniques will include general video techniques, stop motion, time lapse, frame rate, and media capture and storage.</p>	<p>Building Social and Emotional Learning Using Tools Virtual</p> <p>Tools are classroom-ready instructional techniques that are simple to implement but have a deep impact on student learning. We also need to know what we are talking about when we talk about SEL. For this definition we turn to the experts at the Collaborative for Academic, Social, and Emotional Learning (CASEL), who have clearly defined five core SEL competencies: self-awareness, self-management, social awareness, relationship skills, and responsible decision-making. This workshop will focus on those competencies and selected tools that can be integrated into any classroom tomorrow. With Susan Kreisman from Silver Strong & Associates</p>	<p>Digital Humanities with Karyn Elizabeth Daly and Kelly Hamond</p> <p>What do the New York Times COVID maps and the organization of names on the 9/11 Memorial have in common? Both are examples of Digital Humanities (DH) at work in the world. Come learn about the field of DH from K-12 educators. We'll explore key concepts in DH from data visualization and text analysis to digital and open pedagogies. With DH, we can empower high school students to tackle humanistic questions, do real research, and use their work to bring about change in the world. You may even discover you've been doing DH all along.</p>
<p>Cross Curricular Writing Instruction with Bonnie VIRTUAL</p> <p>This session is an opportunity to explore the tools and resources in our recently developed BCTS Style Guide and writing rubric. Participants in this session will be able to turnkey these resources to colleagues in their departments and further</p>	<p>Intro to Actively Learn with Jennifer Papulino VIRTUAL</p> <p>Actively Learn is a platform that enables teachers to create interactive readings that include embedded links, video, questions, and text to speech. Teachers can import their own readings or choose from a large selection of pre-made content organized by</p>	<p>Methods and Strategies to Navigate Sensitive and Complex Discussions with Students Concerning Race, Gender, and LGBTQ+ Identities with History Unerased VIRTUAL</p> <p>This session will cover the following:</p>	<p>How Algorithms Rule Us and How to Rule Them with Clive Thompson Software algorithms have been an enormous boon to humanity: At heart, they're just a bunch of rules that tell computers how to automate some activity -- making our lives more efficient. Wordcount, photo filters, anti-lock braking and web browser? They're all woven from algorithms. Automation has made life immeasurably better. The</p>

support students in their writing development. Additionally, we will guide staff through efficient data collection to drive and plan future instruction.	subject and grade level. Participants will review the framework for how Actively Learn works and explore new updates. Implementation strategies will be shared and discussions of the potential impact of Actively Learn will take place.	<ul style="list-style-type: none"> • Exploring the difficult questions our nation is facing as we are trying to reconcile historic discrimination • Analyzing authentic scenarios from the classroom and the “teachable moments” they provide educators • Engaging with methods and strategies to structure and facilitate sensitive and complex discussions with students relating to race, gender, and LGBTQ+ identities 	problem with modern life is that huge, for-profit firms are increasingly using algorithms to automate crucial aspects of social and civic life. This talk will focus on the good and bad of algorithmic life -- what it means to outsource judgment to machines, and when it helps and hinders us. You’ll leave the talk understanding what algorithms really are, and what we can do about their dangerous civic effects."
Intro to the Global PD System with Solution Tree VIRTUAL This workshop will include a virtual demonstration and opportunities for teachers to explore the Global PD platform. Global PD provides job-embedded PD by giving teachers access to the largest library of PLC videos and books in the world. This system allows teachers to customize their PD to their own needs and schedule - Lauren McCarroll	Atlas Work Session on the New Standards with VIRTUAL Bonnie and Tim Teachers will work in groups to ensure that all areas of their Atlas maps are completed and starting to align to the 2020 NJ Student Learning Standards that will be required in 2022. Building and curriculum office admins will assist in activities such as: <ul style="list-style-type: none"> • Updating course descriptions • Improving essential questions • Breaking down activities • Integrating standards from the new Computer Science & Design Thinking and Career Readiness, Life Literacies, and Key Skills Standards • Creating rubrics for performance assessments 	Experience First, Formalize Later Lesson (EFFL) Development for Mathematics - Gwenn Math teachers will continue their work developing EFFL and student centered lessons with context. It is recommended that teachers who take this session should have participated in the previous sessions offered. If teachers were not able to attend, they should contact their district supervisor for further information.	
Aligning Practices with the Science NJSLs Part 3 with Rutgers VIRTUAL Teachers will continue their work aligning lessons to the 2020 NJSLs -Science standards and the three dimensional NGSS approach. It is recommended that teachers who take this session should have participated in the previous sessions offered. If teachers were not able to attend, they should contact their district supervisor for further information.			

<p>Experience First, Formalize Later Lesson (EFFL) Development for Mathematics - Gwenn</p> <p>Math teachers will continue their work developing EFFL and student centered lessons with context. It is recommended that teachers who take this session should have participated in the previous sessions offered. If teachers were not able to attend, they should contact their district supervisor for further information.</p>			
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Additional Sessions: