Exhibit A

Professional Learning Plan: Instructional Technology

This document sets out TUSD's plan to provide continuing professional instruction to ensure that all teachers at TUSD are or become proficient in the use of instructional technology in TUSD classrooms. The primary responsibility for realizing this goal rests with the Instructional Technology Department.

The department is led by its director, who reports to the Chief Technology Officer of TUSD. There are five Educational Technology Integration Specialists in the department who report to the director. One ETI Specialist is assigned to each of the five TUSD regions, and is responsible for coordinating and conducting teacher training within that region, along with supporting teachers, and administrators in their region through customized training, co-facilitation of school-site professional development, and support for utilization of the Microsoft Educator Community.

TUSD also uses Teacher Technology Liaisons (TTLs) for technology instruction and support. TTLs are teachers with high proficiency in technology tools who receive a stipend and specialized training for instruction and coaching at their schools. A training schedule for TTLs for SY18-19 is attached as Exhibit 1. The ETI Specialists coordinate and support the activities of TTLs in their respective regions.

I. TUSD Instructional Technology

TUSD expects that teachers will be proficient in the use of the following instructional technology:

- A. <u>Basic Windows computer user operations</u>, including logging in, use of a browser, word processor, spreadsheet, email, and presentation software, along with creating, saving and retrieving files. TUSD uses the standard Microsoft tools for these functions, including Word, Excel, Outlook, and PowerPoint.
- B. **Smartboard/whiteboard**, including creating flipcharts, navigating among windows and screens, and performing standard whiteboard operations.
- C. <u>TUSD's student information system</u>, Synergy, for teachers/classroom functions, including attendance, gradebook, creating and posting assignments, generating reports, and use and retrieval of information for day to day monitoring of student progress.
- D. <u>TUSD's primary student assessment software</u>, SchoolCity, for development and tracking of assessments, reports and pivot tables, and for use in monitoring student progress and achievement.
- E. <u>Advanced teaching tools</u> available through Office 365 (including Teams, Sway, Forms, and One Note). Office 365 is an online collaboration and productivity space for educators to collaborate with colleagues, students and staff as well as assign and provide feedback to students' work. In addition to the standard productivity tools such as Word, Excel and PowerPoint, Office 365 has new tools which can collect data in seconds, record student work visually and audibly with the touch of a button and translate conversations in real time in different languages. One of the biggest advantages of Office 365 is facilitating online PLCs. The following videos illustrate the possibilities within Office 365:

Office 365 Overview: https://youtu.be/3MdNdmVq5ds;

Professional Learning Communities: https://youtu.be/VZ3fv3n9RFs;

Students using Office 365: https://youtu.be/c7-3-MukBjQ

F. Microsoft Educator Community (MEC), including familiarity with curriculum and pedagogical resources available (including participation in online PLCs across districts in different states, focused on particular subjects and levels of instruction). The MEC is the online professional learning platform the district uses to leverage teachers' ability to teach students to use technology to address complex academic challenges. MEC includes many ongoing PLCs across districts devoted to particular subjects, grades, and contains a huge library of resources, including video examples of teaching. TUSD believes that the MEC is an important resource for teachers in improving the integration of technological resources into instruction. A short illustration of use of the MEC is provided at https://youtu.be/s2G1WulS6Dc.

II. Assessment of Need for Professional Instruction and Annual Planning

Twice each year, TUSD administers a district-wide evaluation of each teacher's proficiency with TUSD instructional technology, to assess needs for professional instruction and the areas and levels of that instruction. A copy of the current evaluation instrument is attached as Exhibit 2.

The Instructional Technology Department uses the evaluation results to guide and assess its instructional efforts. The District tracks the results of the survey individually, by school and aggregated district wide. An example of the document used to assess relative performance individually and by school, over several years, is attached as Exhibit 3.

In March of each school year, the department assesses the results of the evaluation, plans professional instruction for the following year, reviews the teacher evaluation instrument for modification, and reviews this Plan for any needed amendments.

III. Professional Instruction Provided by TUSD

TUSD delivers professional instruction in technology in five key ways.

- A. <u>One-on-one instruction and coaching</u> by Teacher Technology Liaisons. TTLs at each school are guided by the results of the technology evaluation for teachers at the school, and receive support and monitoring from the central Instructional Technology Department through their assigned ETI Specialist.
- B. <u>Group instruction</u> through Professional Learning Communities, presented by TTLs. Based on teacher requests and the TUSD technology evaluation on a school level, TTLs present group instruction in job-embedded manner in PLCs, facilitated by the 7-period day where applicable.
- C. <u>On-line courses</u> through the District's on-line instructional system True North Logic. All courses in True North Logic have end-of-course assessments. Upon attaining a score of 80% or higher on the end of course assessment, teachers receive professional development credit. Course materials are also available after completion for teachers to reference at their discretion.

- D. <u>On-line courses</u> through the Microsoft Educator Community. Participants must complete an end-of-course assessment measuring their proficiency in the subject matter in order to receive credit for that course. Credit is granted when the participant achieves a score of 80% on the end of course assessment. After the participant has passed the assessment, course information remains available for future reference by the participant.
- E. <u>Live classes</u> offered in during the summer. Live courses provided by TUSD are assessed using the general professional learning assessment rubric. The assessments are considered and evaluated during the annual planning session in March of each year.

A list of on-line and summer courses provided to teachers in SY17-18 is attached as Exhibit 4. Offerings in the current year are similar in scope and frequency.

EXHIBIT 1

SY 2018-19 Training Schedule for Teacher Technology Liaisons

Training Date	Topic
August 21st	Orientation/ OneDrive
September 18th	Sway in Instruction
October 16th	Microsoft Educator Community
November 13th	Teams in the Classroom
January 15th	Skype in the Classroom
February 5th	Online Assessments
March 7th	Teaching and Learning Summit
April 16th	Gamification/Coding in Education
May 14th	STEAM (Science Technology Engineering Art Math) Lessons and Resources

EXHIBIT 2

Teacher Technology Survey

What school do you currently teach at? If you teach at more than one school, please list each school.

	at school do you currently teach at? If you teach at more than one school, please list school?
2. Wh	at grade do you teach?
" 3. In (order to reserve a COW, which is correct?
	ot Applicable
	rite down on a piece of paper which COW you would like
	nail your Teacher Technology Liaison
□ _G	to the COW Sharepoint site and make a COW reservation.
4. Suc	ccessmaker is
\square A	district wide math and reading intervention program for grades K-8
	n intervention for middle school only
\square A	TUSD alternative high school
D No	ot Applicable
5. Wh	ich of the following can be found on the TUSD Sharepoint site?
Te	eacher Assessment Resources
In In	dividual Leave Balances
	eacher Transcripts
□ In	dividual pay stubs
	ich of the following software is used in conjunction with interactive whiteboards in O? Choose the best answer.
\square Sr	nartNotebook for Smartboards and ActiveInspire for Promethean Boards
	isions
	iipit
□ No	ot Applicable
7. In S	School City, which of the following is true?
D Po	odcasting can be done inside School City

0 0	Not Applicable SchoolCity has no Launchpad Common formative assessments can be administered using SchoolCity
0	The Arizona Department of Education website contains Sample Tests for AzMERIT. True False
0	By utilizing School City, teachers are able to Take fieldtrips Identify and target student needs, Create and administer online assessments Take students' temperature Not Applicable
0	When using a COW, it is the teacher's responsibility to: Let each student choose which laptop they would like to use Assign and document the laptop each individual student uses Not Applicable Log in each student
file	Every employee in Tucson Unified has which of the following to collaborate and share as? Choose all that apply. Office 365 Successmaker TUSD Stats TrakIt
Sch	Teachers can create their own questions for common formative assessments in noolCity. True False
cui	TUSD curriculum is now on Sharepoint in Office 365. This means employees can access riculum from anywhere as long as they have an internet connection. True False
0	Teacher resources found on the TUSD website include: TUSD curriculum guides, 101 ways to use a document camera, Sharepoint Designer Tutorial, omethean board and SmartBoard resources

	student ieps student 504s home addresses
0	The current TUSD Student Information System is Synergy Mohave Powerschool Infinite Campus
0	AzMerit is Arizona's Statewide Achievement Assessment for English, Language Arts and Mathematics Arizona's English Language Learner assessment Arizona's Social Studies assessment Arizona's CTE assessment
0	In preparation for taking AzMerit online, students should practice keyboarding skills True False
Co	Every TUSD employee can learn how to use Office 365 through the Microsoft Educator mmunity True False
0	Which of the following can be stored on OneDrive? Video Word Documents Excel Workbooks All of the above
•	Synergy can be accessed from home True False
0	In Synergy, parents are able to log in and view student grades from: ParentVue StudentVue TeacherVue

	ViewMaster
0	In Synergy, students are able to log in and view their grades from: StudentVue ParentVue TeacherVue VueMaster
Sha	There are no Synergy training handouts available from the TUSD Synergy support arepoint site for additional help. True False
and	In Synergy, after taking attendance for your students, be sure to Click "Save" or "Save d Return True False
0	In Synergy, it is possible to copy an assignment for future use True False
hai	The Children's Internet Protection Act (CIPA) was established to protect children from rmful and obscene online content. True False
"Sı	When you are logged in to Synergy, you can get help by clicking on either "Help" or apport" in the upper right hand corner of the screen. True False
the	In SchoolCity, the benefit of generating a four digit pin is to eliminate students taking wrong assessment. True False
	It is possible to use a document camera for instruction without it being connected to an eractive whiteboard.

	True False
0	Microsoft Teams and OneDrive can be used to share files. True False
sup D	The purpose of a Teacher Technology Liaison is to provide instructional technology oport to individual and/or all groups of teachers at their assigned campus. w 0 True False
ans	Which of the following types of files can be inserted in to a SWAY? (Choose the best swer.) .pdf Powerpoint Word All of the above
Log 33. Tru	e online professional development "How to reserve your Cow" is available through TrueNorth gic The online professional development "How to reserve your Cow" is available through aeNorth Logic True False
0	Synergy help page resources are available in SharePoint w 0 True False

EXHIBIT 3



Teacher Technology Proficiency By School

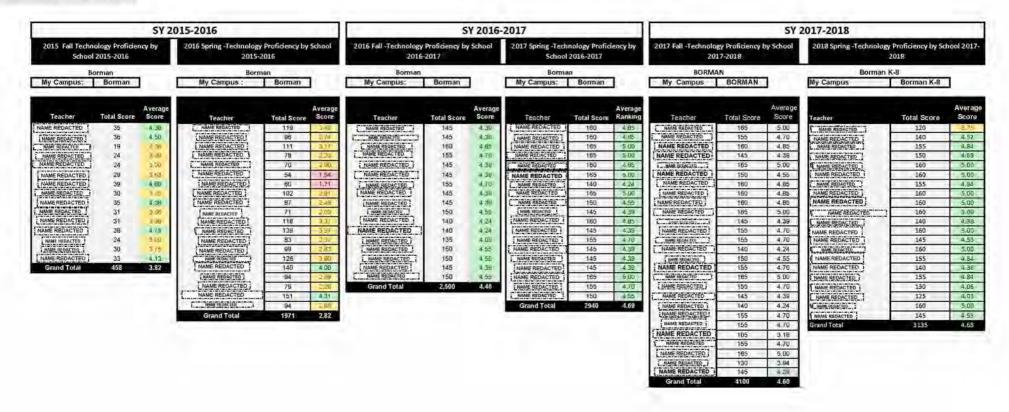


EXHIBIT 4

Case 4:74-cv-00090-DCB Document 2152-1 Filed 12/06/18 Page 16 of 36

Course number	Course title	Section title	Course description
13409	Microsoft Office 365 for Teachers	Microsoft Office 365 for Teachers	In this hands on training, participants will learn how to deliver instruction, collaborate and engage students with Office 365. This professional development will be led by Microsoft trainers and facilitated by the Instructional Technology Department.
13409	Microsoft Office 365 for Teachers	Office 365 & STEM	In this hands on training, participants will learn how to deliver instruction, collaborate and engage students with Office 365. This professional development will be led by Microsoft trainers and facilitated by the Instructional Technology Department.
13409	Microsoft Office 365 for Teachers	Microsoft Office 365 for Teachers: Part 2	In this hands on training, participants will learn how to deliver instruction, collaborate and engage students with Office 365. This professional development will be led by Microsoft trainers and facilitated by the Instructional Technology Department.
13433	USP: Using Instructional Technology in the Classroom: Summer 2017	Using Instructional Technology	The typical student is more tech-savvy than ever before, they are part of what is being called Generation Z. Teaching the 21st century student can present challenges and also opportunities. The course will focus on the use of Office 365, Windows 10, Interactive White Boards and Document Cameras in the classroom. This class will help participants create lessons which are more interactive and student centered, increase student engagement and strengthen student retention of concepts.
12239	SchoolCity Log On Prerequisite	SchoolCity Log On Prerequisite	The District is migrating from utilizing ATI (Assessment Technology Incorporated) to School City as our assessment vendor. In School City, users will be able to create assessments, either by pulling items from a robust items bank aligned to Arizona College and Career Readiness Standards or by creating their own items and passages. Users will be able to run various reports to analyze student and classroom data. Future trainings regarding School City are being scheduled with leadership to assure users have the knowledge and tools to use this system in their classroom.
12345	Care and Feeding of Your COW	Care and Feeding of Your COW	Proper Care and Feeding of Your COW. Including: storing, moving, charging, maintenance and care. Please watch instructional video and take quiz with a passing score of 80% or more to be given PD credit and completion of this course.

Case 4:74-cv-00090-DCB Document 2152-1 Filed 12/06/18 Page 17 of 36

Course number	Course title	Section title	Course description
12451	USP: Promethean Board Basics User Training	USP: Promethean Board Basics User Training	This course introduces the main features of the Promethean Board and will guide participants through the basic skills required to create flip-charts and use the system.
12907	Scheduling Time with a COW	Scheduling Time with a COW	This course will go over how to reserve mobile computer labs using the COW Reservation calendar on SharePoint. Please watch the instructional video and take the quiz. Participants must get a passing score of 80% or more to be given PD credit and completion of this course.
13760	Synergy Basics Part 1: Logging In and Navigating Synergy SIS	Synergy Basics Part 1: Logging In and Navigating Synergy SIS	This is a user-based training on procedures to effectively log in and navigate the Synergy SIS platform.
13761	Synergy Basics Part 2: Configuring Your SIS Environment	Synergy Basics Part 2: Configuring Your SIS Environment	This is a user-based training on procedures to effectively configure the Synergy SIS platform.
13762	Synergy Basics Part 4: Viewing Data: Basic Search Techniques	Synergy Basics Part 4: Viewing Data: Basic Search Techniques	This is a user-based training on procedures to effectively search and view data in the Synergy SIS platform.
13763	Synergy Basics Part 5: Editing and Saving Data	Synergy Basics Part 5: Editing and Saving Data	This is a user-based training on procedures to effectively edit and save data in the Synergy SIS platform.
13764	Synergy Basics Part 3: Understanding Synergy Screen Elements	Synergy Basics Part 3: Understanding Synergy Screen Elements	This is a user-based training on procedures to effectively understanding Synergy screen elements in the Synergy SIS platform.
13846	Synergy TeacherVUE Basics-Secondary: Taking Attendance 17- 18 SY	Synergy TeacherVUE Basics-Secondary: Taking Attendance 17- 18 SY	TeacherVUE Basics - Secondary: After completion of this module, participants will have the skills needed to take attendance in Synergy.
13847	Synergy TeacherVUE Basics-Elementary and Secondary: Creating A Seating Chart 17-18 SY	Synergy TeacherVUE Basics-Elementary and Secondary: Creating A Seating Chart 17-18 SY	TeacherVUE Basics - Elementary and Secondary: Will show Synergy users on creating a Seating chart for Elementary for 17/18 school year.
13848	Synergy TeacherVUE Basics-Secondary: Create Grade Book Assignment 17-18 SY	Synergy TeacherVUE Basics-Secondary: Create Grade Book Assignment 17-18 SY	TeacherVUE Basics - Secondary: After completion of this module, participants will have the skills needed to create a grade book assignment in Synergy.
13849	Synergy TeacherVUE Basics-Elementary: Creating A Grade Book Assignment 17-18 SY	Synergy TeacherVUE Basics-Elementary: Creating A Grade Book Assignment 17-18 SY	TeacherVUE Basics - Elementary: Will show Synergy users on Creating a Grade Book Assignment for Elementary for 17/18 school year.
13851	Synergy TeacherVUE Basics-Secondary: Score Grade Book Assignment 17-18 SY	Synergy TeacherVUE Basics-Secondary: Score Grade Book Assignment 17-18 SY	TeacherVUE Basics - Secondary: After completion of this module, participants will have the skills needed to score a grade book assignment in Synergy.
13852	Synergy TeacherVUE Basics-Elementary: Scoring A Grade Book Assignment 17-18 SY	Synergy TeacherVUE Basics-Elementary: Scoring A Grade Book Assignment 17-18 SY	TeacherVUE Basics - Elementary: Will show Synergy users on Scoring a Grade Book Assignment for Elementary for 17/18 school year.

Course number	Course title	Section title	Course description
13882	Recognizing Phishing Attempts through Emails	Recognizing Phishing Attempts through Emails	This course is to assist employees on how to recognize what a Phishing email is and what types of information it can collect. Employees will be shown what to look for and the procedures for removing Phishing emails from your individual email accounts. You will learn the negative consequences for employees and Tucson Unified that can
NI/A	Cabaal City		occur from responding to Phishing emails.
N/A N/A	School City		Creating Common Formatives Cumulative Grade Training Assist
	Synergy Parentlink		
N/A			Sending mass messages through Parent Link
N/A	Teacher Websites		Windows 10 System
N/A	Office 365 & Windows 10		Windows 10 System
N/A	Synergy		Synergy Attendance, Lunch Count, Grade
			Book Setup and Creating Assignments.
N/A	Parentlink		Sending mass messages through Parent Link
N/A	Interactive White Boards		Connections, ActivInspire Software - Tools Bar
n/a	Office 365 & Windows 10		Assist Training with Office 365/Windows 10
13456	Synergy: Setting up an Elementary Gradebook Refresher Training: Summer 2017	8:00am-10:00am @ Duffy	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for elementary classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13456	Synergy: Setting up an Elementary Gradebook Refresher Training: Summer 2017	10:30am-12:30pm @ Duffy	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for elementary classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13456	Synergy: Setting up an Elementary Gradebook Refresher Training: Summer 2017	1:30pm-3:30pm @ Duffy	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for elementary classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13459	Synergy: Setting up a Middle School Gradebook Refresher Training: Summer 2017	8:00am-10:00am @ LIRC	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for Middle School classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.

Case 4:74-cv-00090-DCB Document 2152-1 Filed 12/06/18 Page 19 of 36

Course number	Course title	Section title	Course description
13459	Synergy: Setting up a Middle School Gradebook Refresher Training: Summer 2017	10:30am-12:30pm @ LIRC	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for Middle School classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13459	Synergy: Setting up a Middle School Gradebook Refresher Training: Summer 2017	1:30pm-3:30pm @ LIRC	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for Middle School classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13460	Synergy: Setting up a High School Gradebook Refresher Training: Summer 2017	8:00am-10:00am @ Catalina	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for High School classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13460	Synergy: Setting up a High School Gradebook Refresher Training: Summer 2017	10:30am-12:30pm @ Catalina	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for High School classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13460	Synergy: Setting up a High School Gradebook Refresher Training: Summer 2017	1:30pm-3:30pm @ Catalina	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for High School classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13433	USP: Using Instructional Technology in the Classroom: Summer 2017	Using Instructional Technology in the Classroom	The typical student is more tech-savvy than ever before, they are part of what is being called Generation Z. Teaching the 21st century student can present challenges and also opportunities. The course will focus on the use of Office 365, Windows 10, Interactive White Boards and Document Cameras in the classroom. This class will help participants create lessons which are more interactive and student centered, increase student engagement and strengthen student retention of concepts.

Case 4:74-cv-00090-DCB Document 2152-1 Filed 12/06/18 Page 20 of 36

Course number	Course title	Section title	Course description
13433	USP: Using Instructional Technology in the Classroom: Summer 2017	Using Instructional Technology in the Classroom	The typical student is more tech-savvy than ever before, they are part of what is being called Generation Z. Teaching the 21st century student can present challenges and also opportunities. The course will focus on the use of Office 365, Windows 10, Interactive White Boards and Document Cameras in the classroom. This class will help participants create lessons which are more interactive and student centered, increase student engagement and strengthen student retention of concepts.
13456	Synergy: Setting up an Elementary Gradebook Refresher Training: Summer 2017	8:00am-10:00am @ Duffy	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for elementary classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13456	Synergy: Setting up an Elementary Gradebook Refresher Training: Summer 2017	10:30am-12:30pm @ Duffy	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for elementary classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13433	USP: Using Instructional Technology in the Classroom: Summer 2017	Using Instructional Technology in the Classroom	The typical student is more tech-savvy than ever before, they are part of what is being called Generation Z. Teaching the 21st century student can present challenges and also opportunities. The course will focus on the use of Office 365, Windows 10, Interactive White Boards and Document Cameras in the classroom. This class will help participants create lessons which are more interactive and student centered, increase student engagement and strengthen student retention of concepts.
13433	USP: Using Instructional Technology in the Classroom: Summer 2017	Using Instructional Technology in the Classroom	The typical student is more tech-savvy than ever before, they are part of what is being called Generation Z. Teaching the 21st century student can present challenges and also opportunities. The course will focus on the use of Office 365, Windows 10, Interactive White Boards and Document Cameras in the classroom. This class will help participants create lessons which are more interactive and student centered, increase student engagement and strengthen student retention of concepts.

Case 4:74-cv-00090-DCB Document 2152-1 Filed 12/06/18 Page 21 of 36

Course number	Course title	Section title	Course description
13456	Synergy: Setting up an Elementary Gradebook Refresher Training: Summer 2017	8:00am-10:00am @ Duffy	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for elementary classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13456	Synergy: Setting up an Elementary Gradebook Refresher Training: Summer 2017	10:30am-12:30pm @ Duffy	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for elementary classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13433	USP: Using Instructional Technology in the Classroom: Summer 2017	Using Instructional Technology in the Classroom	The typical student is more tech-savvy than ever before, they are part of what is being called Generation Z. Teaching the 21st century student can present challenges and also opportunities. The course will focus on the use of Office 365, Windows 10, Interactive White Boards and Document Cameras in the classroom. This class will help participants create lessons which are more interactive and student centered, increase student engagement and strengthen student retention of concepts.
13433	USP: Using Instructional Technology in the Classroom: Summer 2017	Using Instructional Technology in the Classroom	The typical student is more tech-savvy than ever before, they are part of what is being called Generation Z. Teaching the 21st century student can present challenges and also opportunities. The course will focus on the use of Office 365, Windows 10, Interactive White Boards and Document Cameras in the classroom. This class will help participants create lessons which are more interactive and student centered, increase student engagement and strengthen student retention of concepts.
13456	Synergy: Setting up an Elementary Gradebook Refresher Training: Summer 2017	8:00am-10:00am @ LIRC	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for elementary classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13456	Synergy: Setting up an Elementary Gradebook Refresher Training: Summer 2017	10:30am-12:30am @ LIRC	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for elementary classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.

Course number	Course title	Section title	Course description
13433	USP: Using Instructional Technology in the Classroom: Summer 2017	Using Instructional Technology In the Classroom	The typical student is more tech-savvy than ever before, they are part of what is being called Generation Z. Teaching the 21st century student can present challenges and also opportunities. The course will focus on the use of Office 365, Windows 10, Interactive White Boards and Document Cameras in the classroom. This class will help participants create lessons which are more interactive and student centered, increase student engagement and strengthen student
13456	Synergy: Setting up an Elementary Gradebook Refresher Training: Summer 2017	8:00am-10:00am @ LIRC	retention of concepts. Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for elementary classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13456	Synergy: Setting up an Elementary Gradebook Refresher Training: Summer 2017	10:30am-12:30pm @ LIRC	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for elementary classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13456	Synergy: Setting up an Elementary Gradebook Refresher Training: Summer 2017	1:30pm-3:30pm @ LIRC	Participants will learn functionality of the Synergy Gradebook, how to set up their Gradebook. This course is designed for elementary classroom teachers. Participants are required to bring their grading policy and be prepared to build the Gradebook which they will use for the coming year.
13844	Synergy TeacherVUE Basics-Elementary: Taking Attendance 17- 18 SY	Synergy TeacherVUE Basics-Elementary: Taking Attendance 17- 18 SY	TeacherVUE Basics - Elementary: Will show Synergy users on taking attendance for Elementary for 17/18 school year.
13576	Synergy SE and the IEP Process 2017-18	1-Aug-17	This class will cover Synergy Special Education (SE) basic navigation and completion of the IEP process. This class is intended for Ex Ed Teachers or Ex Ed related service staff who need to complete IEPs.
N/A	Office 365 & Windows 10		Assist Training with Office 365/Windows 10
N/A	Microsoft Educator Community		MEC logins, site navigation, course lists
N/A	Minecraft in Education		Meeting with teacher to start process
N/A	SchoolDesk		Assist training teachers create and edit websites
N/A	SchoolCity		lead training CFA
N/A	Myschooldesk		Teacher websites

Case 4:74-cv-00090-DCB Document 2152-1 Filed 12/06/18 Page 23 of 36

Course number	Course title	Section title	Course description
N/A	Micsoft Educator Community		MEC login and courses
N/A	Office 365 & Windows		Intro to Classroom Notebook
14,71	10		mero to classroom Notescok
N/A	Office 365 & Apps		OneDrive, Office 365, Sharing files
N/A	Scientific Learning/Fast ForWord		Fast ForWord Reading for ELLs
N/A	Achieve3000		Reading for ELLs (morning)
N/A	Achieve3000		Reading for ELLs (afternoon)
N/A	Office 365 One Drive		Office 365
N/A	Turnitin		Windows 10 System
N/A	Edgenuity		Windows 10 System Windows 10 System
N/A	Document Camera		General Use
13577		Tuesday August 9, 2017	
135//	Synergy SE Basic Navigation 2017-18	Tuesday August 8, 2017	This class will cover Synergy Special Education (SE) basic navigation and touch upon some of the IEP pages in the IEP process. This class is intended for Ex Ed Teachers or Ex Ed related service staff who need to complete IEPs.
13577	Synergy SE Basic Navigation 2017-18	Thursday August 10, 2017	This class will cover Synergy Special Education (SE) basic navigation and touch upon some of the IEP pages in the IEP process. This class is intended for Ex Ed Teachers or Ex Ed related service staff who need to complete IEPs.
13693	USP: P2 - Mansfeld Magnet Theme Integration with Technology and PBL SY 17-18	2017-18 Manseld Magnet STEM PLC - Technology Inetgration	Mansfeld staff will work use the tools offered through our partnership with Microsoft to discover, plan, and implement a variety of multimedia lessons that support curriculum 4.0 and embed the STEM theme. Staff will consider and plan for Tier 1, Tier 2, and Tier 3 instruction.
13577	Synergy SE Basic Navigation 2017-18	Friday August 18, 2017 1010 Lab	This class will cover Synergy Special Education (SE) basic navigation and touch upon some of the IEP pages in the IEP process. This class is intended for Ex Ed Teachers or Ex Ed related service staff who need to complete IEPs.
13577	Synergy SE Basic Navigation 2017-18	Friday August 18, 2017 1010 Lab - PM	This class will cover Synergy Special Education (SE) basic navigation and touch upon some of the IEP pages in the IEP process. This class is intended for Ex Ed Teachers or Ex Ed related service staff who need to complete IEPs.
13576	Synergy SE and the IEP Process 2017-18	August 25, Duffy Lab	This class will cover Synergy Special Education (SE) basic navigation and completion of the IEP process. This class is intended for Ex Ed Teachers or Ex Ed related service staff who need to complete IEPs.
N/A	Interactive White		General Use and Incorporation into lesson
	Boards		plans

Case 4:74-cv-00090-DCB Document 2152-1 Filed 12/06/18 Page 24 of 36

Course number	Course title	Section title	Course description
N/A	Teacher Websites		Windows 10 System
N/A	Edgenuity		Windows 10 System
N/A	Ipads		Use of ipads in the classroom
N/A	Generation Z & Lesson Plans		General Use
N/A	Microsoft Educator Community		MEC logins, site navigation, course lists
N/A	Office 365 & Windows		Forms, OneDrive, OneNote, Word online
N/A	E-Beams		Scrapbook, WhiteBoard
N/A	Office 365 & Windows 10		Forms, OneDrive, OneNote, Word online
N/A	SchoolCity Scanning		SchoolCity Scan and Reports
N/A	Achieve3000		Achieve 3000 Reports
N/A	Achieve3000		Reading for ELLs (Parent workshop)
N/A	Synergy		Grade Book/Report Cards open lab
N/A	School City		AKO/CFA/Reports Training
N/A	Parentlink		Sending mass messages through Parent Link
N/A	Office 365		Assist Training with Office 365
N/A	Microsoft Educator Community		MEC login and courses
N/A	Schooldesk		assist with learning SchoolDesk website system
N/A	School City		School City Item Bank Item Creation
N/A	School City		School City Kiosk
N/A	School City		School City Kiosk
N/A	Skype for Business		General Use and Implementation
N/A	Skype for Business		General Use and Implementation
N/A	Imagine Learning		General Use and Implementation
13695	Edgenuity Teacher Training for K-8, Middle & High School Teachers 17-18 SY	Edgenuity Teacher Training - Middle School & K-8 - 12:30pm to 3:30pm	Follow-up training for Edgenuity teachers provided by Spencer Kirschner at the LIRC Computer Lab.
13695	Edgenuity Teacher Training for K-8, Middle & High School Teachers 17-18 SY	Edgenuity Teacher Training - High School teachers - 8:30am- 11:30am	Follow-up training for Edgenuity teachers provided by Spencer Kirschner at the LIRC Computer Lab.
13576	Synergy SE and the IEP Process 2017-18	September 15, 2017, LIRC Lab	This class will cover Synergy Special Education (SE) basic navigation and completion of the IEP process. This class is intended for Ex Ed Teachers or Ex Ed related service staff who need to complete IEPs.
13692	SYNERGY TRAINING FOR 504 COORDINATORS: SY 2017-2018	Synergy Training for 504 Coordinators	This training will provide school site 504 Coordinators with step by step training to input a students 504 accommodation plan into the Synergy student information system. TUSD 504 plans will be developed and stored in the Synergy SE system.

Case 4:74-cv-00090-DCB Document 2152-1 Filed 12/06/18 Page 25 of 36

Course number	Course title	Section title	Course description
13692	SYNERGY TRAINING FOR	Synergy Training for	This training will provide school site 504
	504 COORDINATORS: SY	504 Coordinators: SY	Coordinators with step by step training to
	2017-2018	2017-2018	input a students 504 accommodation plan
			into the Synergy student information
			system. TUSD 504 plans will be developed
			and stored in the Synergy SE system.
N/A	Synergy		Grade Book/Report Cards
N/A	SchoolCity		Benchmarks, System reports and navigation
N/A	AZ Merit		assoct test coordinator training
N/A	Office 365		Assist with training in Office 365, Skype set
			up, Forms, OneDrive, Teams
N/A	Microsoft Educator		MIE discussion, Master trainer
	Community		
N/A	Schooldesk		assist with learning SchoolDesk website
			system
N/A	LoGramos		Data Export
N/A	Office 365 & Apps		Excell online
N/A	SchoolCity		SchoolCity Scan
N/A	SchoolCity Scan		Answer sheet scanning
N/A	Skype for Business		Skype for ELD classroom
N/A	SchoolCity Scanning		SchoolCity Scan and Reports
N/A	Imagine Learning		Imagine Learning for Parents (workshop)
N/A	Skype for Business		Skype for ELD classroom
N/A	Office 365		OneDrive, Office 365, Sharing files
N/A	School City		Administering Benchmarks and Retriving Scores
N/A	Synergy		Cumulative Grade Training Assist
N/A	Interactive White		General Use and Incorporation into lesson
,	Boards		plans
N/A	Office 365 & Windows		Assist with training in Office 365, Skype set
·	10		up, Forms, OneDrive, Teams
N/A	Ipads		Use of ipads in the classroom
N/A	AZ Merit		Assist in training of Testing Coorindators in
·			the administration of AZ Merit
N/A	Skype		General Use and Implementation
N/A	Microsoft Education		Assist with obtaining of Master Trainer status
N/A	Microsoft Education		Assist with obtaining of Master Trainer status
N/A	MineCraft for Education		Meeting with teacher to start process
N/A	Sway		General Use and Implementation
N/A	OneDrive		General Use and Implementation
N/A	Teams		General Use and Implementation
N/A	Sway		General Use and Implementation
N/A	OneDrive		General Use and Implementation
			•
N/A	Teams		General Use and Implementation
N/A	Imagine Learning		General Use and Implementation
N/A	SchoolDesk		General Use and Implementation

Course number	Course title	Section title	Course description
N/A	Synergy		General Use and Implementation
N/A	ParentLink		General Use and Implementation
N/A	Office 365 & Apps		General Use and Implementation
N/A	Office 365 & Apps		General Use and Implementation
N/A	Office 365		Office 365, OneDrive, Forms, Word
N/A	Office 365 & Apps		General Use and Implementation
N/A	Successmaker		Rosters and reports
N/A	Synergy		Cumulative Grade Training Assist
N/A	School City		Reports and Pivot Table
N/A	Parentlink		System reports and access
N/A	Promethean Boards		Connections, ActivInspire Software - Tools Bar
N/A	COWS		Cow Scheduler/Sharepoint
N/A	AZ Merit		assist testing coordinators
N/A	Office 365		Assist with training in Office 365
N/A	Microsoft Educator Community		MEC logins, sire navigation, course lists
N/A	Minecraft in Education		Follow up and contact development
N/A	Schooldesk		assist with learning SchoolDesk website system
N/A	Windows 10		Train on Windows 10 functionality
N/A	Edgenuity		assist
N/A	School City		Administering Benchmarks and Retriving Scores
N/A	Interactive White		General Use and Incorporation into lesson
IN/A	Boards		plans
N/A	Office 365 & Windows		Windows 10 System
,	10		, , , , , , , , , , , , , , , , , , , ,
N/A	Windows 10 & Outlook		Windows 10 System
N/A	Document Camera		General Use
N/A	AZ Merit		assist testing coordinators, teachers, staff in
			administration of AZ Merit
N/A	Edgenuity		Windows 10 System
N/A	Teacher Websites		Windows 10 System
N/A	Skype		General Use and Implementation
N/A	Parentlink		Sending mass messages through Parent Link
N/A	Skype		General Use and Implementation
N/A	Microsoft Education		Assist with obtaining of Master Trainer status
N/A	School City		Administering Benchmarks and Retriving Scores
N/A	Ipads		Use of ipads in the classroom
N/A	Parentlink		Sending mass messages through Parent Link
N/A	Synergy		Cumulative Grade Training Assist
N/A	Edgenuity		Windows 10 System
N/A	ParentLink		creating groups through by uploading from a file

Case 4:74-cv-00090-DCB Document 2152-1 Filed 12/06/18 Page 27 of 36

Course number	Course title	Section title	Course description
N/A	School City		Administering Benchmarks and Retriving Scores
N/A	Successmaker		Rosters and reports
N/A	Synergy		Cumulative Grade Training Assist/Grade Book/General
N/A	School City		Benchmarks assist; roster, reports, accommodations
N/A	Parentlink		System reports and access/troubleshoot
N/A	Promethean Boards		Connections, ActivInspire Software - Tools Bar
N/A	COWS		Cow scheduler/Sharepoint
N/A	AZ Merit		Assist testing coordinators/ Hurley meetings
N/A	Office 365		Assist with training in Office 365
N/A	Microsoft Educator Community		MIE Master trainer access
N/A	Schooldesk		assist with learning SchoolDesk website system
N/A	Smartboard		Connections
N/A	Edgenuity		assist
N/A	School City		Pivot Tables
N/A	Skype		General Use and Implementation
N/A	Parentlink		Sending mass messages through Parent Link
N/A	Edgenuity		Credit Recovery Class for HS
N/A	Generation Z & Lesson Plans		General Use
N/A	AZELLA		assist testing coordinators, teachers, staff in administration of AZELLA
N/A	Document Camera		General Use
N/A	Interactive White Boards		General Use and Incorporation into lesson plans
N/A	Windows 10 & Outlook		Windows 10 System
N/A	SuccessMaker		Program Use and Reports
N/A	Successmaker		Rosters and reports, functionality
N/A	Synergy		Lesson Vue,
N/A	SchoolCity		Benchmarks
N/A	Parentlink		System reports and access
N/A	Promethean Boards		Connections, ActivInspire Software - Tools Bar
N/A	Office 365		Assist with training in Office 365
N/A	Microsoft Educator Community		MIE discussion, Master trainer
N/A	Schooldesk		assist with learning SchoolDesk website system
N/A	Windows 10		Train on Windows 10 functionality
N/A	SmartBoard		Connections, troubleshoot
N/A	AZELLA		assist testing coordinators and teachers
N/A	Office 365		Teachers Learn Office 365

Case 4:74-cv-00090-DCB Document 2152-1 Filed 12/06/18 Page 28 of 36

Course number	Course title	Section title	Course description
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Oyama	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers
		Elementary School	will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize
			learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Bonillas Elementary School	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: 1010 E. Tenth St. Computer Lab	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: 1010 E. Tenth St Maroon Room	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
N/A	Office 365		Teachers Learn Office 365
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Booth-Fickett A	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Booth-Fickett B	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.

Course number	Course title	Section title	Course description
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Cholla High School A	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Cholla High School B	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	Office 365 for Gate Teachers (Contract Hours): Cavett Elementary School	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: LIRC Computer Lab	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: 1010 E 10th Street- Computer Lab	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: 1010 E 10th Street- Maroon Room	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.

Course number	Course title	Section title	Course description
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Dodge Traditional Magnet Middle School	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Dodge Traditional Magnet Middle School	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Santa Rita High A	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Santa Rita High B	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Santa Rita High C	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Santa Rita High D	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.

Course number	Course title	Section title	Course description
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Santa Rita High E	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Santa Rita High F	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Santa Rita High G	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Santa Rita High H	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
n/a	Interactive White Boards		General Use and Incorporation into lesson plans
n/a	Interactive White Boards		General Use and Incorporation into lesson plans
n/a	Office 365 & Windows 10		Windows 10 System
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Morrow Computer Lab 1010 06/04	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.

Case 4:74-cv-00090-DCB Document 2152-1 Filed 12/06/18 Page 32 of 36

Course number	Course title	Section title	Course description
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Morrow Computer Lab 1010 06/05	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers:Blue Room: 06/05	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13915	Office 365 for Administrators: SY 2017- 2018	Office 365 for Administrators: 1010 Governing Board Room 06/06/2018 2:30-4:30	Upon successful completion of this course, participants will be able to utilize tools in Office 365 as productivity tools. Participants will also be able to navigate the Microsoft Educator Community to receive targeted online professional development.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Morrow Computer Lab 1010 06/06	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Blue Room: 06/06	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers:Blue Room: 06/07	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.

Course number	Course title	Section title	Course description
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Morrow Computer Lab 1010 06/11	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Morrow Computer Lab 1010 06/12	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Maroon Room: 06/12	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Morrow Computer Lab 1010 06/13	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
14071	Using Instructional Technology In the Classroom-Summer 2018	Using Instructional Technology in the Classroom	The typical student is more tech-savvy than ever before, they are part of what is being called Generation Z. Teaching the 21st century student can present challenges and also opportunities. The course will focus on the use of Office 365, Windows 10, Interactive White Boards and Document Cameras in the classroom. This class will help participants create lessons which are more interactive and student centered, increase student engagement and strengthen student retention of concepts.

Case 4:74-cv-00090-DCB Document 2152-1 Filed 12/06/18 Page 34 of 36

Course number	Course title	Section title	Course description
14071	Using Instructional Technology In the Classroom-Summer 2018	Using Instructional Technology in the Classroom	The typical student is more tech-savvy than ever before, they are part of what is being called Generation Z. Teaching the 21st century student can present challenges and also opportunities. The course will focus on the use of Office 365, Windows 10, Interactive White Boards and Document Cameras in the classroom. This class will help participants create lessons which are more interactive and student centered, increase student engagement and strengthen student retention of concepts.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Morrow Computer Lab 1010 06/20	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers:Duffy Computer Lab: 06/20	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
14071	Using Instructional Technology In the Classroom-Summer 2018	Using Instructional Technology in the Classroom	The typical student is more tech-savvy than ever before, they are part of what is being called Generation Z. Teaching the 21st century student can present challenges and also opportunities. The course will focus on the use of Office 365, Windows 10, Interactive White Boards and Document Cameras in the classroom. This class will help participants create lessons which are more interactive and student centered, increase student engagement and strengthen student retention of concepts.
14071	Using Instructional Technology In the Classroom-Summer 2018	Using Instructional Technology in the Classroom	The typical student is more tech-savvy than ever before, they are part of what is being called Generation Z. Teaching the 21st century student can present challenges and also opportunities. The course will focus on the use of Office 365, Windows 10, Interactive White Boards and Document Cameras in the classroom. This class will help participants create lessons which are more interactive and student centered, increase student engagement and strengthen student retention of concepts.

Case 4:74-cv-00090-DCB Document 2152-1 Filed 12/06/18 Page 35 of 36

Course number	Course title	Section title	Course description
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Duffy Computer Lab: 06/21	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
14071	Using Instructional Technology In the Classroom-Summer 2018	Using Instructional Technology In the Classroom	The typical student is more tech-savvy than ever before, they are part of what is being called Generation Z. Teaching the 21st century student can present challenges and also opportunities. The course will focus on the use of Office 365, Windows 10, Interactive White Boards and Document Cameras in the classroom. This class will help participants create lessons which are more interactive and student centered, increase student engagement and strengthen student retention of concepts.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Morrow Computer Lab 1010 06/25	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
13858	TUSD IT Academy: Office 365 for Teachers: SY 2017-2018	TUSD IT Academy: Office 365 for Teachers: Morrow Computer Lab 1010 06/26	Upon successful completion of this course, teachers will be able to utilize learning tools in Office 365 to deliver instruction. Teachers will be able to navigate the Microsoft Educator Community to receive targeted online professional development, utilize learning tools in Office 365 to deliver assessments and engage students.
14108	USP: Office 365 Bonillas Magnet SY:2017-2018	Office 365 Summer Fun!	This six hour, in-person teacher training workshop covers several Microsoft products, and includes all materials and instruction needed to conduct educationally-focused trainings using Microsoft products. Ideal as an introductory workshop.
13962	Summer 2018 PD_USP: LAD Language Learning Symposium for K-12 Admin, ELD, Dual Language Teachers	Summer PD 2018_ (USP): LAD Language Learning Symposium for ELEMENTARY K-5 DUAL LANGUAGE Teachers	AUDIENCE: K-12 ADMINISTRATORS, ELD AND DUAL LANGUAGE TEACHERS. Professional Development will include keynote speaker, break-out sessions on best practices for second language learners, sheltered instruction, and Technology Integration for SEI and TWDL classrooms,

Case 4:74-cv-00090-DCB Document 2152-1 Filed 12/06/18 Page 36 of 36

Course number	Course title	Section title	Course description
13962	Summer 2018 PD_USP:	Summer PD 2018_	AUDIENCE: K-12 ADMINISTRATORS, ELD AND
	LAD Language Learning	(USP): LAD Language	DUAL LANGUAGE TEACHERS . Professional
	Symposium for K-12	Learning Symposium	Development will include keynote speaker,
	Admin, ELD, Dual	for SECONDARY 6-12	break-out sessions on best practices for
	Language Teachers	DUAL LANGUAGE	second language learners, sheltered
		Teachers	instruction, and Technology Integration for
			SEI and TWDL classrooms,
13962	Summer 2018 PD_USP:	Summer PD 2018_	AUDIENCE: K-12 ADMINISTRATORS, ELD AND
	LAD Language Learning	(USP): LAD Language	DUAL LANGUAGE TEACHERS . Professional
	Symposium for K-12	Learning Symposium	Development will include keynote speaker,
	Admin, ELD, Dual	for SECONDARY ELD	break-out sessions on best practices for
	Language Teachers	Teachers Grades 6-12	second language learners, sheltered
			instruction, and Technology Integration for
			SEI and TWDL classrooms,
13962	Summer 2018 PD_USP:	Summer PD 2018_	AUDIENCE: K-12 ADMINISTRATORS, ELD AND
	LAD Language Learning	(USP):LAD Language	DUAL LANGUAGE TEACHERS . Professional
	Symposium for K-12	Learning Symposium	Development will include keynote speaker,
	Admin, ELD, Dual	for ELEMENTARY K-5	break-out sessions on best practices for
	Language Teachers	ELD Teachers	second language learners, sheltered
			instruction, and Technology Integration for
			SEI and TWDL classrooms,