



ADULT EDUCATION & LITERACY

• ALAMO CONSORTIUM •

EDUCATION SERVICE CENTER, REGION 20

Success for Adult Learners

Contextualized Learning through AEL Teacher Externships



Pressure Systems International(PSI)

Presented by: Wendy Christensen & Michelle Yzaguirre



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Can you answer these questions?

1. What are the top industries in your local workforce area?
2. Who are the top employers in your area? Who are the smaller employers in your area?
3. What specific education, skills, and character traits are local employers looking for in prospective employees?
4. Do you and/or teachers within your organization know the answers to 1-3?
5. Do students within your organization know the answers to 1-3?



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Objectives for Today

- Describe the AEL Teacher Externship project.
- Identify key stages in implementing an effective AEL Teacher Externship.
- Discuss how the AEL Teacher Externship helped cultivate strong employer partnerships.
- Reflect on how to start a AEL Teacher Externship in your service area.



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Our Inspiration:

Alamo Stem Workforce Coalition(ASWC) Team Members



Alamo STEM Workforce Coalition Overview

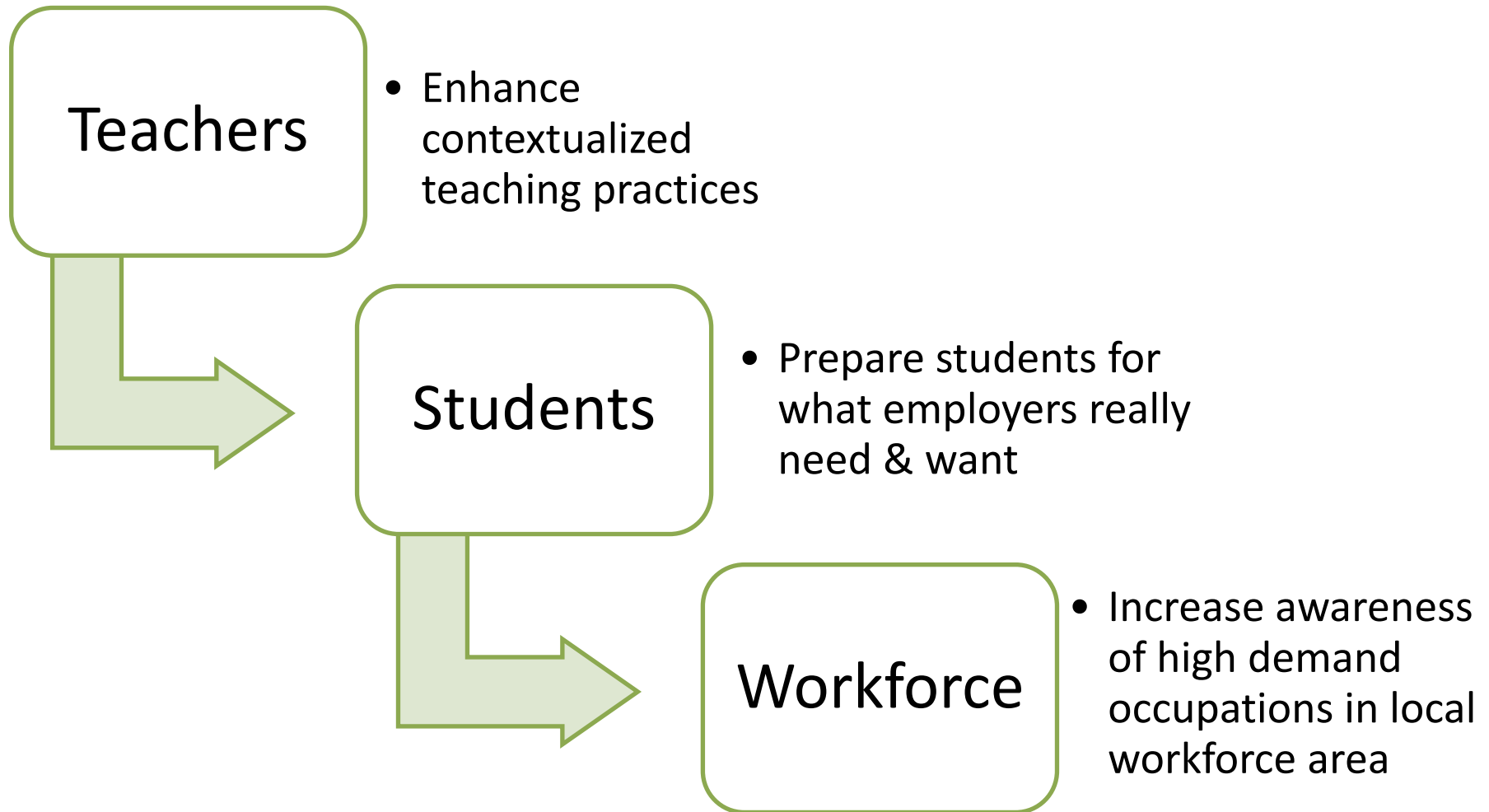
https://youtu.be/_SXmMCTPYWI

For more information go to <http://www.ateams-sa.org/>



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Externship Objectives



Objective #1: Teachers- Enhance contextualized teaching practices

1. Upon completion of site visits, teachers work in pairs or small groups to create lesson plans for use in the AEL Classroom.
2. Lesson plans posted on Consortium website.
3. Share experiences and lessons with peers.
4. Utilize experience to improve student teaching.



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Objective #2: Students- Prepare students for what employers really need & want

1. What factors are most important to employers?
2. What are common problems employers deal with?
3. What do employers expect from prospective employees?
4. How do we match student goals to employer needs?



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Objective #3: Workforce- Increase awareness of high demand occupations in local workforce area

1. Local companies
2. High demand occupations in the San Antonio area
3. Required academic skills
4. Desired employability/success/interpersonal skills
5. Education requirements for various careers
6. Opportunities for students



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Things we did.

- Led & facilitated the externship
- Teachers selected by the program directors
- Created 5 day agenda
- Arranged industry tours (with assistance from Dr. Lazor/ATEAMS)
- Arranged for Workforce Solutions Alamo to present on local data trends & job market in San Antonio
- Chose 5Es lesson plan template (Added the best lesson plans created to our webpage.)
- Paid teacher stipends
- Provided lunch (with local funds)
- Purchased mini iPads/cases
- Purchased Nepris licenses
- Created end of session survey (SurveyMonkey)



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Monday, June 5, 2017	Tuesday, June 6, 2017(Pine)	Wednesday, June 7, 2017	Thursday, June 8, 2017	Friday, June 9, 2017
8:30 a.m.-12:00 p.m. 8:30am <ul style="list-style-type: none"> Welcome & Opening Remarks Review agenda & activities AEL Alamo Consortium Overview 9:30am <ul style="list-style-type: none"> Labor Market Information Presenter: Miriam Barksdale-Botello 10:30am <ul style="list-style-type: none"> Register in Connect20 	8:30 a.m.-12:00 p.m. <ul style="list-style-type: none"> Lesson Plan Process Research Companies What questions do we want to ask the employers? 	8:30 a.m.-12:00 p.m. <ul style="list-style-type: none"> Debrief/Reflection Share out experiences Create lesson plan based on previous site visit 	8:30 a.m.-12:00 p.m. 8:30am <ul style="list-style-type: none"> Debrief/Reflection Share out experiences Create lesson plan based on previous site visit 10:00am <ul style="list-style-type: none"> ABC Associated Builders & Contractors Presenter: Steven Schultz Cont. lesson plans 	8:30 a.m.-12:00 p.m. 8:30am <ul style="list-style-type: none"> Debrief/Reflection 9:00am <ul style="list-style-type: none"> Apprenticeship Programs Electrical Presenter: John Martin Review <u>Nepri</u> library Create & submit a <u>Nepri</u> Session Finalize lesson plans
12:00 p.m.-1:00 p.m. Working Lunch	12:00 p.m.-1:00 p.m. Working Lunch	12:00 p.m.-1:00 p.m. Working Lunch	12:00 p.m.-1:00 p.m. Working Lunch	12:00 p.m.-1:00 p.m. Working Lunch
1:30 p.m.-3:30 p.m. <ul style="list-style-type: none"> Presenter: Kim w/ <u>Nepri</u> Connecting Industry Professionals to Every Classroom Intro Virtual training session 	1:30 p.m.-3:00 p.m. <ul style="list-style-type: none"> Group 1: Mike McIver-Pressure Systems International Group 2: Cynde Parker-<u>Steves</u> Doors 	1:30 p.m.-3:00 p.m. <ul style="list-style-type: none"> Group 1: Anna Lisa-Precision Group Group 2: David Fry-Cox Manufacturing 	1:30 p.m.-3:00 p.m. <ul style="list-style-type: none"> <u>Nepri</u> Live Session <u>TDIndustries</u> Presenter: Jesus Hernandez Hiring Requirements for Local Companies in SA 	1:00 p.m.-3:30p.m. <ul style="list-style-type: none"> Share-out 1 individual lesson plan to the group Closing Remarks Evaluations/Surveys

Guidance to Teachers

As you tour the facilities, think about how you can develop contextualized lesson plans that prepare your students for both their academic ***and*** career goals in manufacturing, construction and apprenticeship programs.

Site visits: Pressure Systems International, Steve's Doors, Precision Group, Cox Manufacturing
What questions are you going to ask the employer?



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Lesson plans should include:

ACADEMICS

- RLA
- MATH
- SCIENCE
- SOCIAL STUDIES

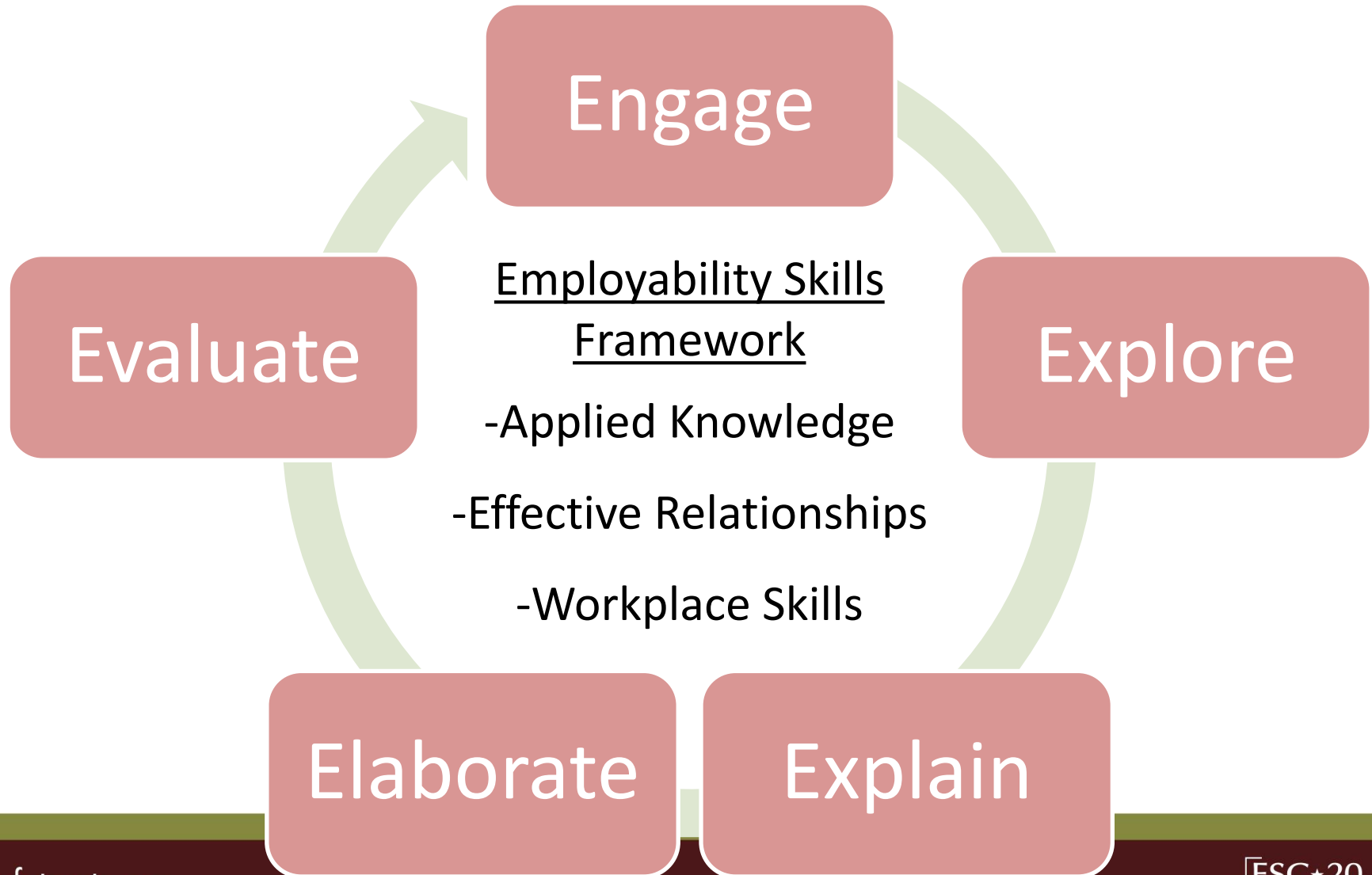
MARKETABLE SKILLS

- COMMUNICATION
- CRITICAL THINKING
- TIME MANAGEMENT
- TEAM WORK
- DIGITAL LITERACY



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Lesson Plan Process included these key components:



The Employability Skills Framework is a one-stop resource for information and tools to inform the instruction and assessment of employability skills.

Applied Knowledge

- Applied Academic Skills
- Critical Thinking Skills

Effective Relationships

- Interpersonal Skills
- Personal Qualities

Workplace Skills

- Resource Management
- Information Use
- Communication Skills
- Systems Thinking
- Technology Use

<http://cte.ed.gov/employabilityskills/>



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Teacher Presentations

How will you showcase your lessons?

- 1 contextualized lesson plan per site visit
- You will present 1 lesson to the group
- Answer these questions:
 1. What did you learn and implement from you site visit?
 2. What lessons did you create?
 3. Which industry did you connect in your lesson?
 4. How did you make connections to career and/or industries?



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Geared up & ready for their tour



@ GW Plastics



@ Cox Manufacturing



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COX Manufacturing

https://youtu.be/v_xDBqx9r7Q



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@ SAWS Dos Rios Water Recycling Center



Bridging the gap between industry & education

Nepris believes that a single interaction can change a life. Through their platform, students across the country virtually connect with professionals from all walks of life - scientists, engineers, artists, musicians, doctors, astronauts, writers, officials - to discover the jobs that await them and build the skills they need to be successful

<https://www.wevideo.com/view/952925275>



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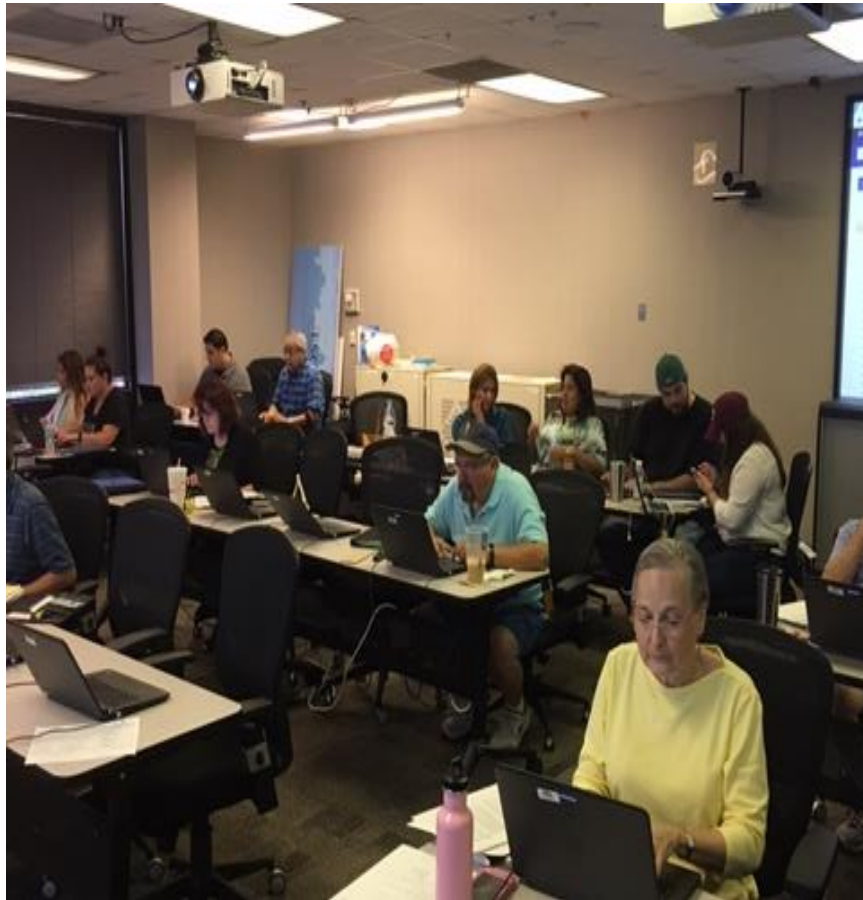


ESC-20 & PSI Partnership



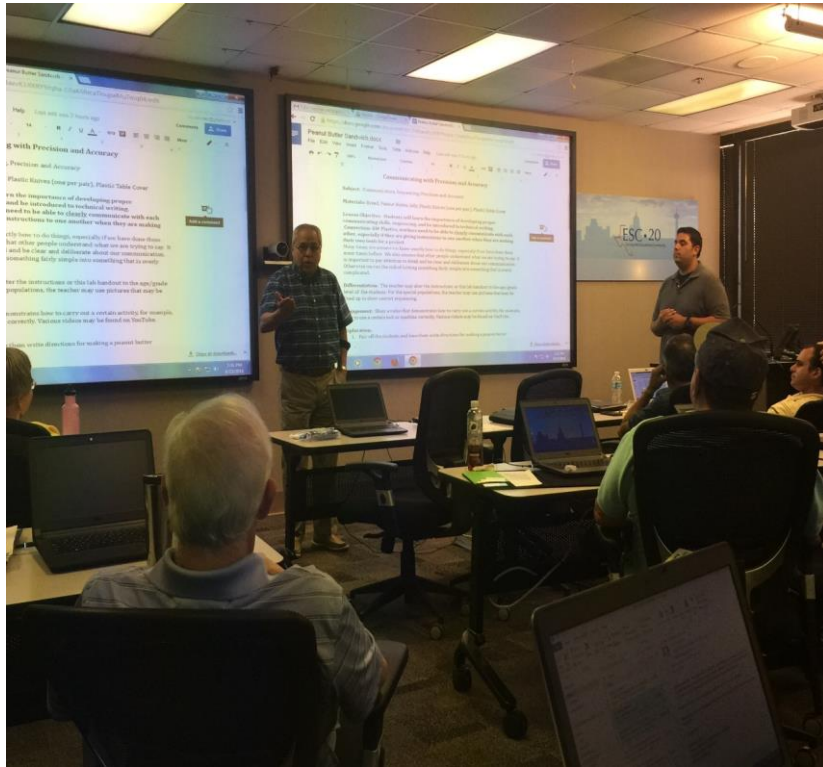
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Teachers at work.



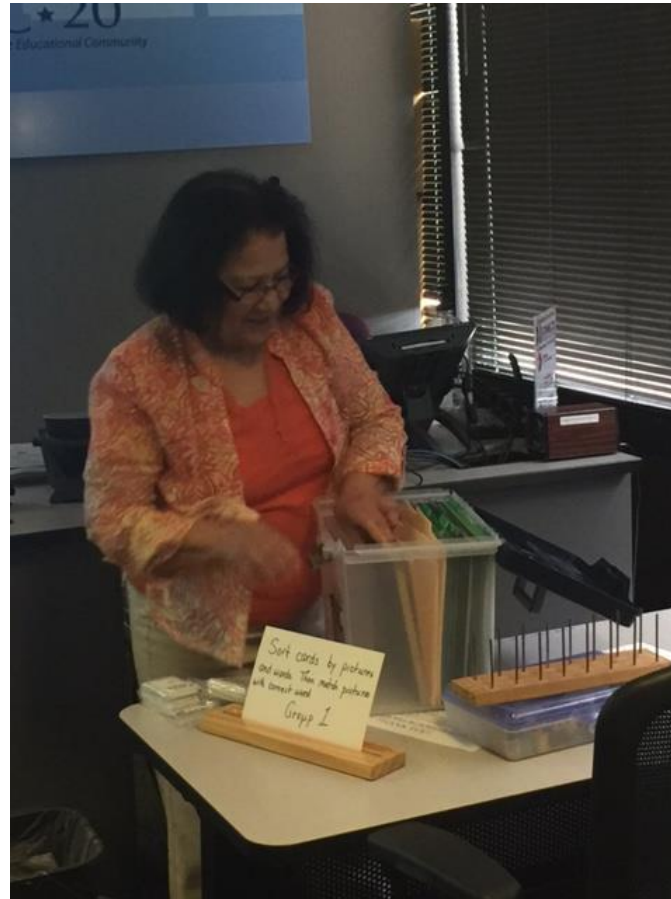
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2016



Roy & Daniel presenting on the last day!

2017



Gloria presenting on the last day!



How much did it cost?

2016	
ATEAMS contract/printing	\$ 3,000.00
Teacher Stipends	\$ 6,800.00
Bus rental	\$ 598.00
Lunch	\$ 1,000.00
ESC-20 conference room	\$ 800.00
Grand total	\$12,198.00

2017	
ATEAMS contract/printing	\$ 2,600.00
Teacher Stipends	\$11,000.00
Mini Ipads/cases	\$ 5,116.00
Nepris Licenses	\$ 1,500.00
Lunch	\$ 1,000.00
ESC-20 conference room	\$ 800.00
Grand total	\$22,016.00

In-Kind:

Michelle & Wendy planning & facilitating Workforce Solutions Alamo



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Lessons Learned

- Not long enough (days & time)
- Keep post-visit discussions focused
- Not enough time to plan lessons
- Not enough modeling of Lesson Plan process
- Didn't provide follow-up to the participants



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End of Session Survey Highlights

Q9 How do you plan to use this information you learned during this training?

“Conceptualization and real-world application are not new concepts. However, first-hand exposure to what employers are looking for results in creation of classroom lessons that are much more accurate and that will have a greater impact.”

Q10 What improvements do you recommend for this training?

“I had not used the 5E LP format previously, so it was time-consuming for me to complete them. However, I'm glad I used them now -- a specific type LP I can use in my teaching. Presentation minute allotment suggestion: If a group, then divide their time allotment by the number of presenters. I felt rushed and stressed about it, but it was definitely a great activity for our class.”



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End of Session Survey Highlights

Q11 Please rate your overall experience during this training.

80% Excellent and 20% above average.

Q12 Would you recommend this training other AEL instructors?

All responses were YES

Additional comment?

"I enjoyed every minute of the week. This training was worthwhile, fun, enlightening, purposeful, relevant.....and I could go on. It was just great and I can't say enough good things about it. I so appreciate all the effort that was put into the activities of the week."



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Thank you!
Feel free to contact us.

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