Citrus County Schools

School Information

2012 - 2013

School Name: Academy of Environmental Science
Principal: Ben Stofcheck
SAC Chair/AES Board Chair: Betty Vanzin
District Name: Citrus County
Superintendent: Sandra "Sam" Himmel
Date of School Board Approval: November 13, 2012

Academy of Enviromental Science School Improvement Plan 2012-13

<table>
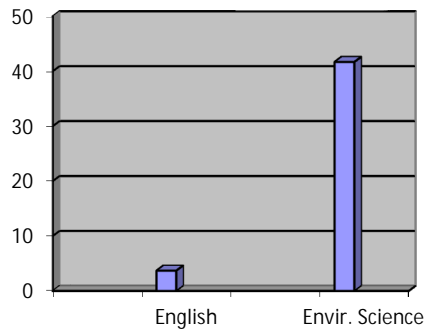<tr><td colspan="2" style="background:yellow">Improvement Area: English (11th grade) , Environmental Science (12th grade)</td></tr>
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Goal 1: To raise student performance on English III and Environmental Science Advanced Placement exams.	Graphic/Data/Chart to Support Goal and/or Outcome:

Student Group 1: Advance Placement classes

2011-12 Current Level of Performance	2012 - 2013	
Actual (%)	Expected (%)	Actual (%)
English 3.7% Environ. Sci 41.7%	40% 50%	

2011-12 Data:

Data Analysis:
Last school year, 2011-12, was the first year AES offered advanced placement courses. During the summer of 2012, Sandy Balfour, who taught the English III class attended an intensive advance placement course training in Orlando for four days.

The above classes will be available during the second semester of this school year.

2012-13 Outcome Data: (completed at end of 2012-13 school year)

Goal 1: Strategy/Action Plan 1		
Strategy/Action Steps	Of all the required exams taken by AES students, the lowest overall performance is in the Advanced Placement exams. Identify specific resources that will target specific problem areas such as practice exams, sample problems and questions. Target instruction to skill deficiencies and monitor student progress on an ongoing basis. Expand student use of the internet in viewing sample AP type questions and practice sites. Send the AP teacher(s) to the AP conference In order to better understand the requirements for preparing students for the AP exams and to make contacts with other AP teachers to share ideas and information.	
Anticipated Barrier	Needed funding for the AP conference.	
Resources (Human, Material)	Practice exams, Online Resources	
Funds Needed/Allocated	Funding for the AP conference is needed. Will approach the AES Board of Directors to allocate funding for the conference.	
Team/Person Responsible for Progress Monitoring	Sandra Balfour – AP English Ashley Miller – AP Environmental Science Ben Stofcheck – Oversee the progress monitoring	
Action Step Progress Monitoring	Biweekly assessment to review student progress.	
Status (HI, MD, SAT, EXC)	Midyear:	Year End:
Status Code: HI - High Need: Achieved very little gains, if any, MD - Moderate Need: Achieved moderate gains, but NOT reached proficiency target, SAT - Satisfactory: Achieved significant gains, but NOT reached proficiency target, EXC- Excellent: Achieved significant gains and reached proficiency		
Measure of Effectiveness		

Goal 1: Strategy/Action Plan 2	
Strategy/Action Steps	Using Turning Technology clickers (student response systems) to monitor progress.
Anticipated Barrier	
Resources (Human, Material)	AES Teachers John Mullen as a district resource.
Funds Needed/Allocated	RTTT funding and AES has funded clicker sets.
Team/Person Responsible for Progress Monitoring	i Teachers will use clickers for mini assessments. i John Mullen has completed one training and will be a resource for additional clicker training and analyzing student data if needed.
Action Step Progress Monitoring	Teachers will use clickers for Citrus County mini formative assessments throughout the year. The results will be uploaded into Performance Matters for teachers to view.
Status (HI, MD, SAT, EXC)	Midyear: Year End:
Status Code: HI - High Need: Achieved very little gains, if any, MD - Moderate Need: Achieved moderate gains, but NOT reached proficiency target, SAT - Satisfactory: Achieved significant gains, but NOT reached proficiency target, EXC- Excellent: Achieved significant gains and reached proficiency	
Measure of Effectiveness	

Additional Goals Professional Development

Professional Development (PD) aligned with Strategies through Professional Learning Community (PLC) or PD Activity Please note that each Strategy does not require a professional development or PLC activity.						
PD Content /Topic and/or PLC Focus	Grade Level/Subject	PD Facilitator and/or PLC Leader	PD Participants (e.g. , PLC, subject, grade level, or school-wide)	Target Dates and Schedules (e.g. , Early Release) and Schedules (e.g., frequency of meetings)	Strategy for Follow-up/Monitoring	Person or Position Responsible for Monitoring
AP Training Conference	11th, 12th	Conference.	S. Balfour – AP Eng A. Miller – AP En.Sci	By May 2013	Progress monitoring data analyzed and shared. Practice exams reviewed and focus on needs.	S. Balfour A. Miller B. Stofcheck
Student Response Systems Training (Clickers)	9-12	John Mullen	B. Stofcheck A. Miller C. Monrad B. Smith P. Santos W. Cooper	1st training was September 28, 2012. Will schedule more as needed.	Will use mini formative assessments throughout the school year	B. Stofcheck