Academy of Environmental Science
School Improvement Plan 2018-2019

Mission/Vision: The Academy of Environmental Science exists to provide a rigorous, hands on learning environment that engages students in the work of protecting the nature coast and the wildlife that call it home.

EQ: How can we improve instructional effectiveness and increase student achievement and performance

Areas of Focus:
1. Student Engagement
2. School wide literacy
3. Technology Integration

Action Steps		Evaluation
Strategies/Steps	Measures of Progress	

Core Content Areas
 	
 1. Schedule PD to review 5D tool specifically Student Engagement
    a. PD on Wellington Engagement Index - discuss the four quadrants and how we want to be in the engaged zone as much as possible.
  Rigor -
    i. Establish an understanding of content to deepen understanding or uncover misconceptions.
    ii. Establish locus of control with students in ways to support student learning
    iii. Establish expectations for student talk that is student to student and reflects content specific knowledge of ways of thinking
      a. Students provide evidence to support their thinking
      b. Students press on thinking to expand ideas for themselves and peers
 Enjoyment -
    i. Establish a classroom culture of capitalizing on the strengths, life experiences, and culture of the students applying to the unit goals.
    ii. Establish set expectations and provide support for engagement strategies and structure that facilitate participation and meaning making by students.
    iii. Establish a focus on meaning making, and that meaning making is student led often.
	Walkthrough Data
	   a. Monthly review with Leadership Team
	   b. Mid-term discussion with students and staff
	
	 Monthly review and provide feedback regarding lesson plans
	
	 Summary of monthly staff meetings indicating discussion of proficient and distinguished student engagement indicators
	
	 PLCs meet weekly
	
	 Notes from PLC meetings monitored monthly
	
	 Quarterly data meetings with staff discuss lesson plans
		Students scoring at or above level 3 on any statewide assessment will increase by 5%.

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Core Content Areas (cont.) Schedule PD to train staff on Close Reading Strategies
Expectations for Close Reading communicated during Pre-Planning
  1. Pre-Reading - set a purpose for why we are reading this material
  2. Reading - Marking the Text
          Numbering the Paragraphs
          Chunking the text
          Underline/Highlighting
          Circling
          Marginal Notes
          Text Summary
3. After Reading - Extend Beyond the Text
           Use the Text and use the notes for projects/assessments
           Examples include; Socratic Seminar, Writing Assignments, Ticket out the door.
 	
Establish PLCs for Math/Science and ELA/History to meet weekly
  1. Lesson Plan Focus
  2. Close Reading Stratgies
  3. Student Engagement Strategies
Provide section of Lesson Plan Template for close reading activities to be noted.
 	
Technology Integration
  Schedule PD for Google Classroom
  Establish culture of exploration, not pressure
Work with staff to establish quarterly expectations for use of technology in the classroom.
 	
Provide section of lesson plan template to notate where technology is being used.		

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Behavior Students receive pancake breakfast biweekly for meeting the expectations of Respect, Responsibility, and Safety. Students receive ice-cream at lunch biweekly for meeting the expectations of Respect, Responsibility, and Safety.	Teachers will submit grade data weekly Admin will pull Skyward reports weekly to determine eligibility.	80% or higher in all classes Zero absences for the week Zero discipline issues
Acceleration		

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Attendance			
Graduation Rate			

School Grades								
2010	2011	2012	2013	2014	2015	2016	2017	2018
A	A	A	A	A	A	B	No Grade	