Problem Statement Annual Goal All elementary students have a 51% passing rate on the 2016 science Increase elementary student passing rate to 65% on the 2017 science STAAR assessments. STAAR assessment. **Root Cause** Strategy 1. 5th grade science teacher is placing poster in workroom each 1. Science not a priority in non-tested grades six weeks with vocab terms for lower grades to work on; 2. 5th grade science teacher needs additional training 2. Teacher has attended trainings at ESC11 and is scheduled to 3. Academic vocabulary not emphasized enough with attend the CAST conference LEP/SPED/504 students 3. Bulletin boards/word walls to list new academic vocabulary 4. Additional time needs to be spent building science skills words weekly; principal guizzes students each Friday; implementation of science vocab journals 4. Increase the number of science lessons for all grades to be monitored in teacher lesson plans/walkthroughs; during April, the 5th grade math teacher will also teach science as part of a comprehensive review for the state assessment

Problem Statement

All white students have a 50% passing rate on the 2016 science STAAR assessments.

Annual Goal

Increase white student passing rate to 65% on the 2017 science STAAR assessment.

Root Cause

- 1. Science not a priority in non-tested grades
- 2. 5th grade science teacher needs additional training
- 3. Academic vocabulary not emphasized enough with LEP/SPED/504 students
- 4. Additional time needs to be spent building science skills

Strategy

- 1. 5th grade science teacher is placing poster in workroom each six weeks with vocab terms for lower grades to work on;
- 2. Teacher has attended trainings at ESC11 and is scheduled to attend the CAST conference
- 3. Bulletin boards/word walls to list new academic vocabulary words weekly; principal quizzes students each Friday; implementation of science vocab journals
- 4. Increase the number of science lessons for all grades to be monitored in teacher lesson plans/walkthroughs; during April, the 5th grade math teacher will also teach science as part of a comprehensive review for the state assessment

Annual Goal

Increase white student passing rate to 65% on the 2017 science STAAR assessment.

Interventions by Quarter				
Q1 Goal (Aug-Oct)	Q2 Goal (Nov-Jan)	Q3 Goal (Feb-Mar)	Q4 Goal (Apr-June)	
Increase the emphasis on science	Send 5 th grade science teacher	65% of 5 th grade science students will	Remediate and reinforce 100% of	
academic vocabulary	to additional training	pass the science benchmark	science TEKS prior to test	
Interventions	Interventions	Interventions	Interventions	
Disaggregate science data with all	Schedule/attend training at	Disaggregate data from campus-	5 th grade math teacher will help	
elementary teachers and discuss	ESC 11 and register for CAST	based formative assessments prior	reinforce/remediate science TEKS	
gaps (August)	conference	to benchmark and provide remediation	during the month of April	
5 th science teacher will create weekly poster for lower grades with academic vocabulary	Continue to create weekly vocab posters	Disaggregate benchmark data for 5 th science students to identify areas of weakness prior to state assessment and provide relevant RTI	Continue to create weekly vocab posters and monitor lesson plans	
Monitor lessons plans of science teachers in k-4 for science activities	Continue to monitor lessons plans of science teachers in k-4 for science activities	Continue to create weekly vocab posters and monitor lesson plans	Update Word Walls/bulletin boards to display science academic vocabulary in elementary hallways	
Create Word Walls/bulletin boards to display science academic vocabulary in elementary hallways	Update Word Walls/bulletin boards to display science academic vocabulary in elementary hallways	Update Word Walls/bulletin boards to display science academic vocabulary in elementary hallways	Continue to utilize science academic vocabulary journals; principal will quiz students weekly	
Begin to utilize science academic vocabulary journals; principal will quiz students weekly	Continue to utilize science academic vocabulary journals; principal will quiz students	Continue to utilize science academic vocabulary journals; principal will quiz students weekly		
Data/Proof	Data/Proof	Data/Proof	Data/Proof	
Meeting notes	Certificates	Aware reports	Lesson plans	
Copies of poster	Copies of poster	Aware reports, RTI documents	Copies of poster, lesson plans	
Lesson plans	Lesson plans	Posters, lesson plans	Photos of displays	
Photos of displays	Photos of displays	Photos of displays	Academic journals	
Academic journals	Academic journals	Academic journals		

Annual Goal

Increase elementary student passing rate to 65% on the 2017 science STAAR assessment.

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elementary teachers and discuss	ESC 11 and register for CAST	based formative assessments prior	reinforce/remediate science TEKS	
gaps (August)	conference	to benchmark and provide	during the month of April	
		remediation		
5 th science teacher will create	Continue to create weekly	Disaggregate benchmark data for 5 th	Continue to create weekly vocab	
weekly poster for lower grades	vocab posters	science students to identify areas of	posters and monitor lesson plans	
with academic vocabulary		weakness prior to state assessment		
		and provide relevant RTI		
Monitor lessons plans of science	Continue to monitor lessons	Continue to create weekly vocab	Update Word Walls/bulletin	
teachers in k-4 for science	plans of science teachers in k-4	posters and monitor lesson plans	boards to display science	
activities	for science activities		academic vocabulary in	
			elementary hallways	
Create Word Walls/bulletin	Update Word Walls/bulletin	Update Word Walls/bulletin boards	Continue to utilize science	
boards to display science	boards to display science	to display science academic	academic vocabulary journals;	
academic vocabulary in	academic vocabulary in	vocabulary in elementary hallways	principal will quiz students weekly	
elementary hallways	elementary hallways			
Begin to utilize science academic	Continue to utilize science	Continue to utilize science academic		
vocabulary journals; principal will	academic vocabulary journals;	vocabulary journals; principal will		
quiz students weekly	principal will quiz students	quiz students weekly		
Data/Proof	Data/Proof	Data/Proof	Data/Proof	
Meeting notes	Certificates	Aware reports	Lesson plans	
Copies of poster	Copies of poster	Aware reports, RTI documents	Copies of poster, lesson plans	
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