SIFA
SCIENCE IS FUN & AWESOME

OFFICE OF THE CHIEF OPERATING OFFICER

SIFA:A02-00-LE12
SY 2018-2019

Vice Speaker Therese M. Terlaje
34GL-18-2518
OCT 30 2018
Time: 12:02
Received by:

October 22, 2018

AMANDA BLAS
Chairwoman
Guam Academy Charter Schools Council

Dear Madame Chair:

We are respectfully submitting the SIFA LACS Fiscal 2018 Year-End Report as required by the Guam Charter Schools Act of 2009, ***§ 12107. Duties and Powers, and other Requirements, of Charter Schools.***

Thank you.

Sincerely,

Charles Isaac N. Deita, LPT, M.I.T.
Chief Operating Officer

cc: Office of the Governor of Guam
Guam Legislature
Superintendent, Guam Department of Education
Guam Education Board
Guam Charter Schools Council

2518

S.I.F.A. Learning Academy Charter School
P.O. Box 9427 • Tamuning, Guam 96931 • Tel: (671) 734-7432 • Cell: (671) 486-7432 • info@sifalacs.com

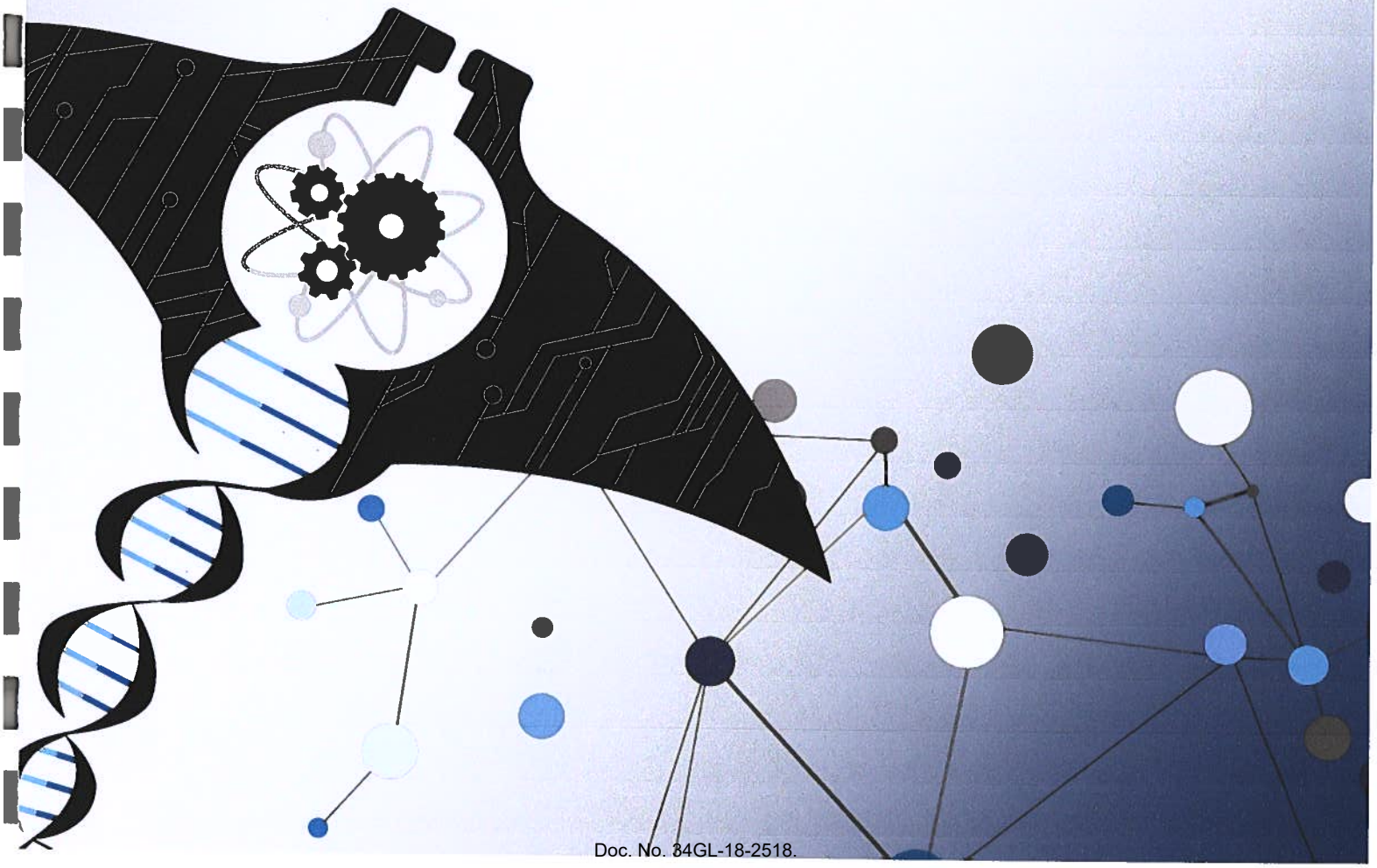
SIFA

SCIENCE IS FUN AND AWESOME

LEARNING ACADEMY CHARTER SCHOOL

YEAR-END REPORT

FISCAL YEAR 2018



Doc. No. 34GL-18-2518.

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Introduction

This report includes data from August to September 2018. The content of this report reflects the initial stage of the school for its opening on October 2018.

Type of Charter: STEAM (Science , Technology, Engineering, Arts and Mathematics) program for middle school Grade 6-8
Charter Approved: January 9, 2018
Proposed School Hours: 8:00 am – 3:00 pm

Interim Board of Trustees

Chairman of the Board: Florita B. Santos
Vice Chair of the Board: Anthony Jay Sunga, Ph.D.
Board Member: Melissa C. Palomo
Board Member: Adrienne M.V. Loerzel

Executive Authorities

Chief Operating Officer

Charles Isaac N. Deita, LPT, MIT

Education

- Candidate for Ph.D. in Technology Management, Technological University of the Philippines
  -Dissertation Writing (Cyber University: A Management Framework)
- Master of Information Technology, Technological University of the Philippines
- Bachelor of Science in Information Management, University of Santo Tomas
- Earned Professional Education
- Licensed Professional Teacher
- Computer Hardware Servicing Certified

Work Experience

- School Secretary, University of Santo Tomas Junior High School
- Educational Technology Coordinator, University of Santo Tomas High School
- Technology and Livelihood Coordinator, University of Santo Tomas High School

- High School Teacher, University of Santo Tomas High School
- College Instructor, Faculty of Engineering, University of Santo Tomas
- Trainer, UNESCO Resource Distribution and Training Center
- ISO Quality Management Representative
- Business Owner

Human Resource Director

Maria Ravela

Education

- Mass Communication, University of Guam

Work Experience

- New Business Development and Events Director, Kaizen Events
- Guam Area Director, Inflight Duty Free Shop
- Cargo Marketing Analyst, Northwest Airlines Cargo Division
- Statistical Analyst, Continental Airlines Corporate Planning

Principal

Arvi M. Bacani, M. Ed.

Education

- B. A. Ed. – Secondary Education, English as a Second Language, University of Guam
- M. Ed. – Administration and Supervision, University of Guam
- Guam Department of Education Master Educator.

Work Experience

- 20 years of experience as a teacher and administrator for GDOE.
- Taught at Agueda Johnston Middle School and Untalan Middle School.
- Assistant Principal – Agueda Johnston Middle School, Simon Sanchez High School, and Untalan Middle School.

FACULTY	PRESENT RANK	BS/ AB/ ASSOCIATE DEGREE	HONORS EARNED	PRAXIS	LICENSURE EXAM/S TAKEN	MEMBERSHIP ON PROFESSIONAL ORGANIZATIONS
Alexis Legaspi	Teacher I-AA; Classification: Teacher I: G-G – Step 1	A.A. of Culinary Arts A.S. of Early Childhood			Serve Safe 2015-2020	
Sherrene Mantanona	Teacher IV; Classification: ED-4 – Step 1	Associate Eduacation (K-6th)				Kagan Cooperative Learning Certified NHD/ Huamities (Advisor)
Kristin Sandoval	Teacher I; Classification: ED-1A – Step 1	BA Psychology				UOG Psychology Club
Rowen Mallare	Teacher I; Classification: ED-1AA – Step 1	Associate of Arts Degree				
Ray Fernandez	Teacher I-AA; Classification: G-G – Step 1	GCC- Liberal Arts Associate Degree UOG- BS Biology				GCC COPSA PRO GCC Science Club Member GCC PROJECT
Andrew Dela Rosa	Teacher I-AA; Classification: G-G – Step 1	Currently enrolled in Supervision Management and Environmental Technician Certification			Health Certification ABC License	President of GCC Science Club Assistant Director FLC 2019
Craig Stilwell	Teacher I-AA; Classification: G-G – Step 4					

Faculty and Staff Profile

FACULTY	PRESENT RANK	BS/ AB/ ASSOCIATE DEGREE	HONORS EARNED	PRAXIS	LICENSURE EXAM/S TAKEN	MEMBERSHIP ON PROFESSIONAL ORGANIZATIONS
Regine Acabado	Teacher I-AA; Classification: G-G – Step 2	Currently achieving BS in ECE & Elementary	"A" Honor Roll	Praxis 1 PLT Principles of Teaching		
Dezerrae Damian	Teacher II; Classification: ED2 – Step 1	BA English for Education w/ a writing minor		Praxis 1		TCEA Organization
Angela Malone	Teacher II; Classification: ED-2 – Step 4	BS in General Studies with specializations in Biology & Philosophy			ExCET (Texas) TExES (Texas)	Milken Educator
Bill Whitman	Teacher IV; Classification: Teacher IV – ED-4 – Step 2	M.S. Environmental Science B.A. Environmental Studies				
Jingerly Lalic	Teacher I; Classification: ED-1A – Step 3	Bachelor Science Secondary Education Major PEHM				Guam National Tennis Federation
Valerie Ongesii	Teacher I-AA; Classification: G-G – Step 1	AS Early Childhood Education	Phi Theta Kappa Beta Beta Xi Honor Society (GCC)			Phi Theta Kappa Beta Beta Xi Honor Society (GCC) SiFA Interscolastic
Rochelle Yusi	Teacher I-A (English); Classification: ED-IA – Step 1	BSEd- English			PHL-LET	ROTARACT
Jayne de Guzman	Teacher I; Classification: ED-1A – Step 1	B.A. English minor Japanese Studies	Dean's List			National Council of Teacher of English

STAFF	PRESENT RANK	BS/ AB/ ASSOCIATE DEGREE	HONORS EARNED	PRAXIS	LICENSURE EXAM/S TAKEN	MEMBERSHIP ON PROFESSIONAL ORGANIZATIONS
Arman Burgos		B.A. Mathematics & Computer Science				
Mary Grace Acabado	Teacher Assistant I; Classification: G-D – Step 2	A.S. Early Childhood Education	Graduated with Honors			PhiTheta Kappa
Blas, Mamis S.	Teacher I-AA; Classification: G-G – Step 1	A.S. Early Childhood Education	Graduated with Honors			
Erwan, Victoria R.	Teacher Assistant I; G-D – Step 2	A.S. Early Childhood Education	Dean's List			PhiTheta Kappa
Rachelle Maratita	Assistant Guidance Counselor	B.S. Psychology Currently B.S. Human Development and Family Studies				
Arman Burgos		B.A. Mathematics & Computer Science				
Mary Grace Acabado	Teacher Assistant I; Classification: G-D – Step 2	A.S. Early Childhood Education	Graduated with Honors			PhiTheta Kappa
Blas, Mamis S.	Teacher I-AA; Classification: G-G – Step 1	A.S. Early Childhood Education	Graduated with Honors			
Erwan, Victoria R.	Teacher Assistant I; G-D – Step 2	A.S. Early Childhood Education	Dean's List			PhiTheta Kappa
Rachelle Maratita	Assistant Guidance Counselor	B.S. Psychology Currently B.S. Human Development and Family Studies				
Jane Mangligot	– Position: Administrative	Associate Supervision And Management				Phi Theta Kappa

	Assistant; Classification: G-F – Step 4					
Analiza Gayeta	– Position: Support Staff – Library; Classification: G-G – Step 1	B.S. Computer Science				
Herbert Diaz –	Position: Support Staff; Classification: G-F – Step 1					

Strategic Plan Vision 2023 of SIFA LACS

In response to the needs of the charter school, a strategic plan is created by the Office of the Chief Operating Officer. The programs, activities, and projects are all aligned to the long and medium term strategic objectives of the charter school.

In fostering quality education, SIFA LACS seeks to promote academic excellence geared towards STEAM-based approach through the intensification of project-based and collaborative learning. The school is optimistic that it will achieve its goals and attain its mission and vision for the good of all its stakeholders.

Strategic Objectives:

1. Teaching	-to provide high quality of instruction adhering to the global standards set by the different accrediting agencies and to become a center of STEAM-based school on Guam.
2. Student Welfare	-to ensure and promote student holistic development through policies, program and services systematically implemented and regularly monitored and evaluated
3. Leadership and Governance	-to have pro-active, systematic and mission driven school governance
4. Human Resource	-to have efficient, committed and competent staff serving the school
5. Physical Resources	-to build a state-of-the-art instructional and STEAM-based facilities
6. Financial Resources	-to have an effective resource generation and management systems
7. Information Technology	-to have an effective management information and e-learning systems

8. Community Development	- to become a catalyst for social transformation through service learning with the involvement of administration, teachers, staff, students, parents, government agencies and other stakeholders of the school
9. Linkages	-to establish partnerships and collaborations with other learning institutions locally and internationally

List of Key Performance Indicators

1. Teaching and Learning

- Program completion rate
- Mean class size
- Ratio of full time teachers to students
- School Accreditation
- Percentage of teachers with continuing education
- Percentage of teachers using IT teaching aids
- Percentage of teachers with officership/membership to local professional organizations
- Percentage of teachers with officership/ membership to international professional organizations
- Percentage of students in the assessment test

2. Student Welfare

- Number of students available on online student services
- Percentage of students fully aware of the Student Code of Conduct
- Percentage of compliance with the rules on procedures on hearing student cases
- Number of participants in the school's initiated lectures, symposium, seminars, and workshops
- Percentage of students participation in:
    - Orientation and information service
    - Assessment service

- Career and training service
- Counseling service

- Percentage of incoming students' compliance to medical examination
- Percentage of compliance for food safety
- Number of disaster preparedness seminars for staff
- Number of Student organizations

3. Leadership and Governance

- Percentage of regular meetings conducted
- Percentage of qualified officials
- Percentage of updated school manuals
- Percentage of Student Satisfaction mean ratings report
- Percentage of operational management internal audits
- Percentage of audit finding closures

4. Human Resource

- Percentage of competent and qualified employees based on required qualification or work experience
- Percentage of employees with at least above average ratings
- Number of training programs for the employees
- Number of developmental activities for the employees

5. Physical Resources

- Percentage of facilities for STEAM-based learning
- Number of computers on campus
- Number of laboratories and multimedia classrooms
- Number of Sporting Facilities

6. Financial Resources

- Percentage of contribution margin
- Current ratio
- Net Assets to total assets ratio



7. Information Technology

- Number of IT related programs, activities and projects
- Percentage of Learning Management Users
- Percentage of classrooms with wifi facilities

8. Community Development

- Number of community service activities
- Percentage of parents participation on community service activities
- Number of recreational/sports/physical activities
- Number of environment advocacies or activities
- Number disaster preparedness awareness activities

9. Linkages

- Number of outside-school contest
- Number of outside-school partnership

Curriculum Framework

SIFA LACS aims to prepare secondary middle school students (**Grades 6 to 8**) through rigorous and relevant **STEAM (Science, Technology, Engineering, Arts and Mathematics)** content. All subjects have incorporated various concepts and ideas covered in science classroom instruction and their subject areas.

Curriculum is profoundly aligned with **NGSS (Next Generation Science Standards)** and **CCSS (Common Cores State Standards).**

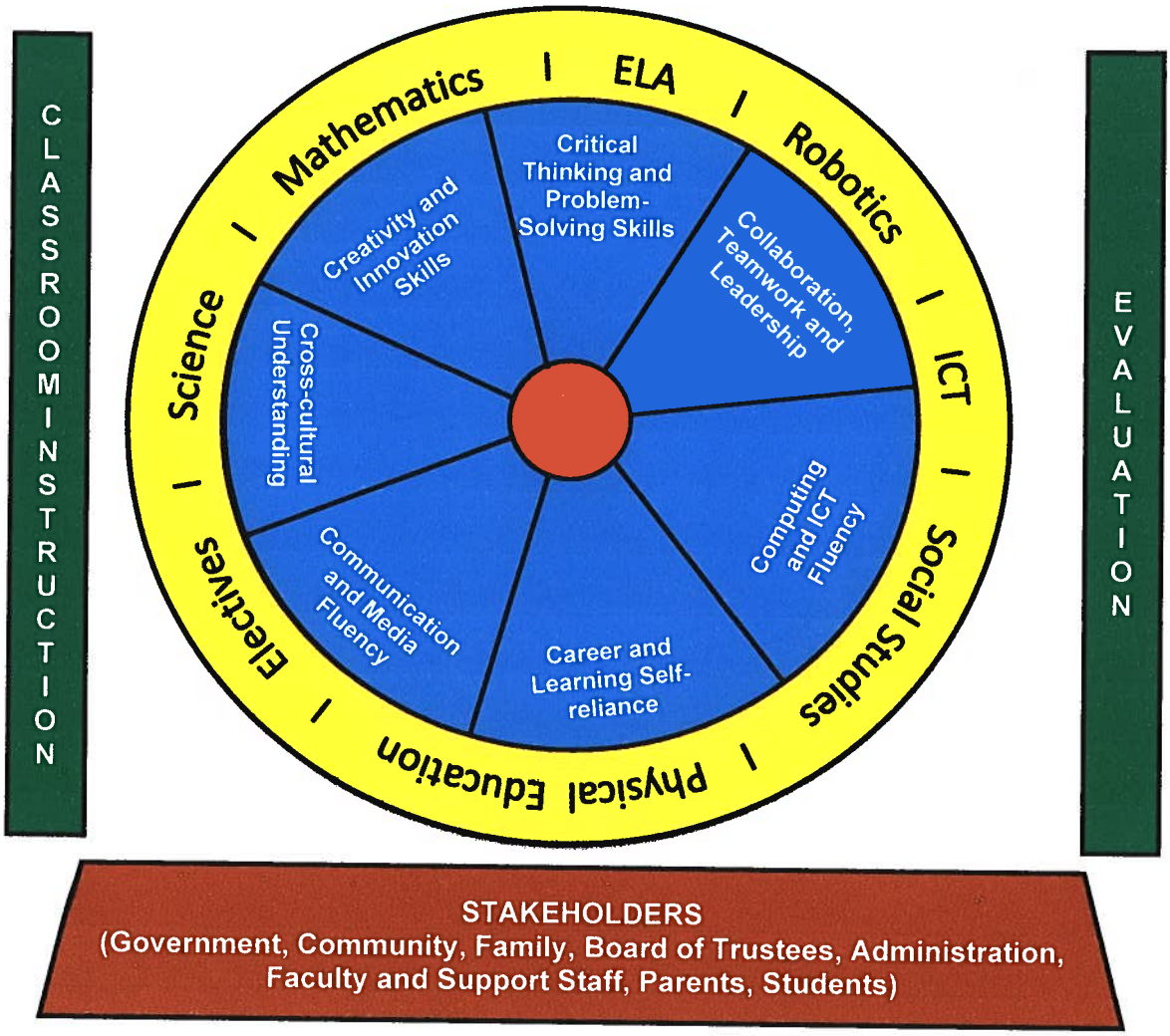
LEARNING DOMAINS

- Critical Thinking and Problem-Solving Skills
- Creativity and Innovation Skills
- Collaboration, Teamwork and Leadership
- Cross-cultural Understanding
- Communication and Media Fluency
- Computing and ICT Fluency
- Career and Learning Self-reliance

Curricular Program

SUBJECT AREAS

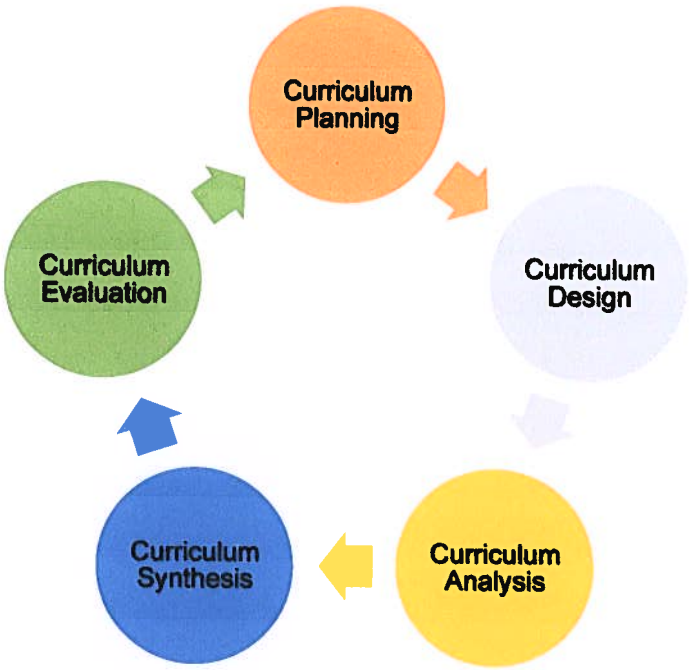
CORE SUBJECTS	ELECTIVES
• Science • Mathematics • ELA (English Language Arts) • Robotics • ICT (Information and Communication Technology) • Social Studies • Physical Education	• Family Consumer Sciences • Performing Arts • Band



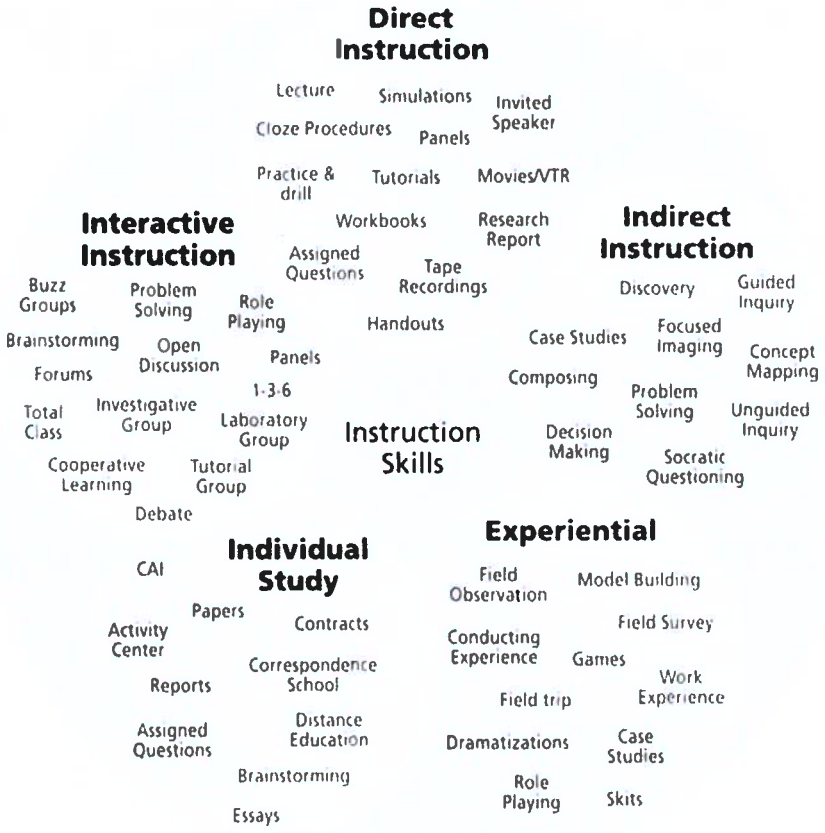
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PEDAGOGICAL APPROACHES

- Project-Based Learning
- Interdisciplinary Approach
- Differentiated Instruction
- Different Instructional Strategies as indicated in the diagram below:



CURRICULUM DEVELOPMENT



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ASSESSMENT

- Pretest and Post test from First to Third Quarters
- Review for the required Standard Based Assessment at the end of the year (ACT ASPIRE)
- Assessment for learning, Assessment as learning and Assessment of learning

TARGETS FOR STEAM EDUCATION

- Increase awareness for STEAM education.
- Proliferate the number of students who are inclined to STEAM careers.
- Introduce STEAM literacy for all students.

KEY INDICATORS OF SUCCESS

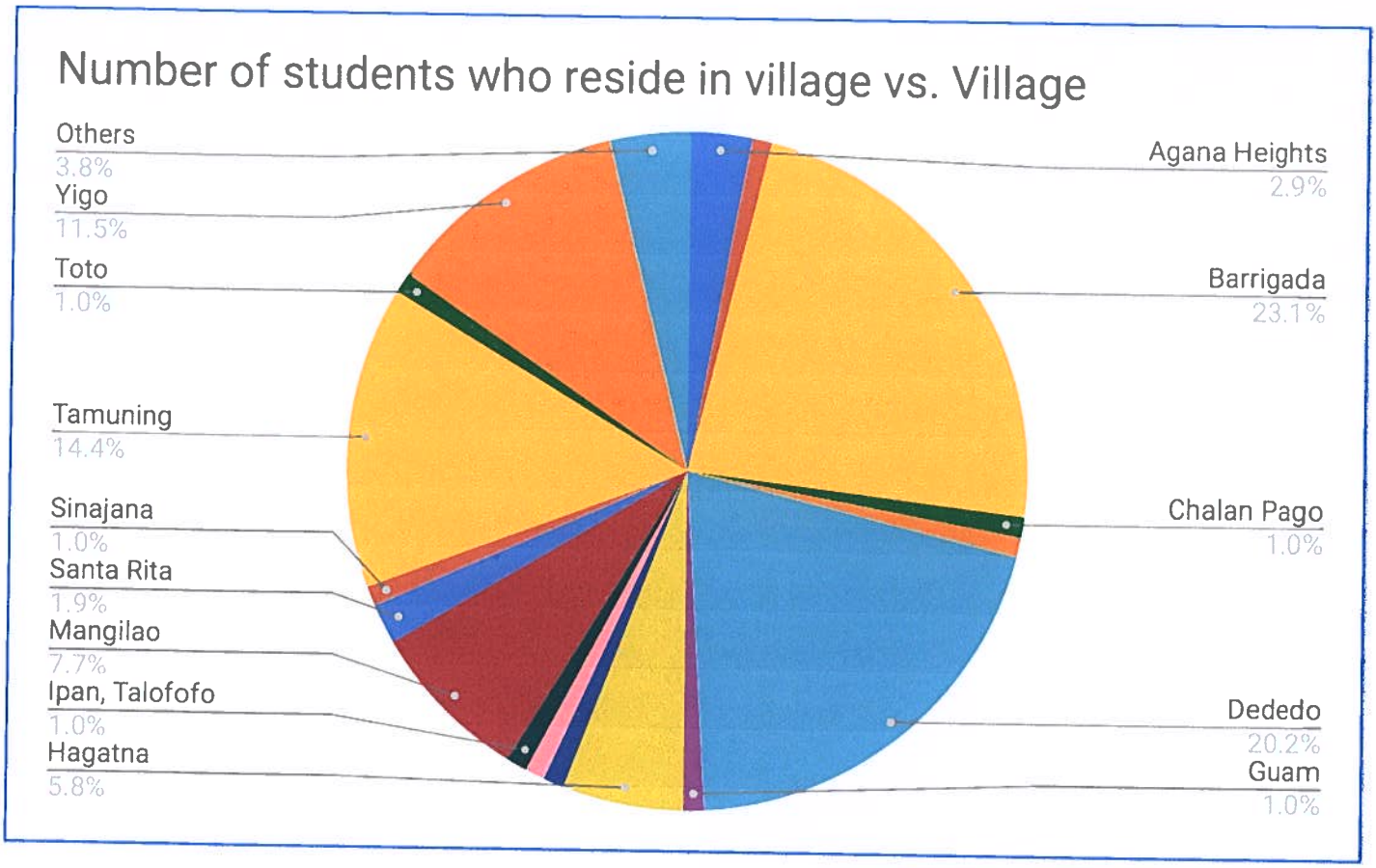
- High assessment ratings (ACT ASPIRE)
- Sense of fulfillment in the process of exploration and discovery in STEAM
- STEAM educational attainment
- Active involvement in STEAM-related activities

Student Profile

Student Profile as September 30, 2018				
Grade	#	Gender	#	%
6	51	Male	26	51%
		Female	25	49%
7	29	Male	15	52%
		Female	14	48%
8	24	Male	11	46%
		Female	13	54%
total	104	Male	52	50%
		Female	52	50%

Demographics of Students by Village

Village	Number of students who reside in village	Percentage checks for verification
Agana Heights	3	2.88%
Astumbo, Dededo	1	0.96%
Barrigada	24	23.08%
Chalan Pago	1	0.96%
Dededeo	1	0.96%
Dededo	21	20.19%
Guam	1	0.96%
Hagatna	6	5.77%
Hagtna	1	0.96%
Inarajan	1	0.96%
Ipan, Talofofo	1	0.96%
Mangilao	8	7.69%
Santa Rita	2	1.92%
Sinajana	1	0.96%
Tamuning	15	14.42%
Toto	1	0.96%
Yigo	12	11.54%
Others	4	3.85%
Total Students	104	100%



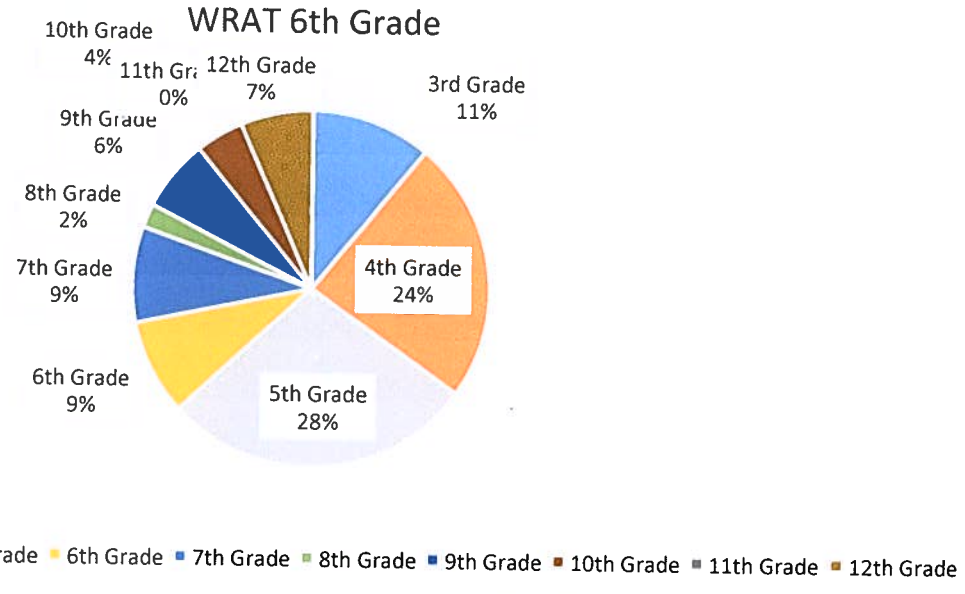
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Student Placement Testing

6th Grade WRAT Mathematics Scores

Administered on September 19, 2018
Enrollment: 50
Absences: 4
Total Tested: 46

GRADE LEVEL	TOTAL	PERCENTAGE
3rd	5	11
4th	11	24
5th	13	28
6th	4	9
7th	4	9
8th	1	2
9th	3	6
10th	2	4
11th	0	0
12th	3	7

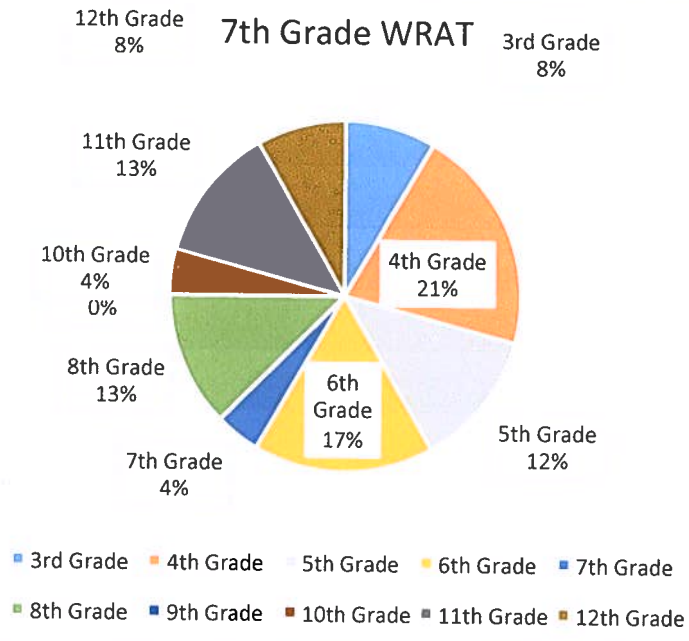


Data indicates 37% of 6th graders are performing at the 6th grade level or higher. 28% of the students are performing one grade level below and 35% are performing at 3rd or 4th grade level.

7th Grade WRAT Mathematics Scores

Administered on September 20, 2018
Enrollment: 28
Absences: 4
Total Tested: 24

GRADE LEVEL	TOTAL	PERCENTAGE
3rd	2	8
4th	5	21
5th	3	12
6th	4	17
7th	1	4
8th	3	13
9th	0	0
10th	1	4
11th	3	13
12th	2	8



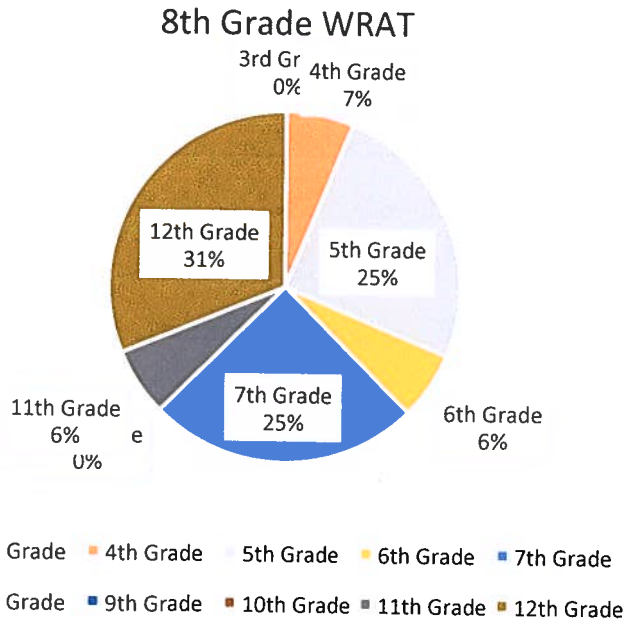
Data indicates 42% of 7th Graders are performing at grade level or higher. 17% are performing at the 6th grade level and 41% are performing between 5th to 3rd grade level.

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8th Grade WRAT Mathematics Scores

Administered on September 20, 2018
Enrollment: 21
Absences: 5
Total Tested: 16

GRADE LEVEL	TOTAL	PERCENTAGE
3rd	0	0
4th	1	7
5th	4	25
6th	1	6
7th	4	25
8th	0	0
9th	0	0
10th	0	0
11th	1	6
12th	5	31



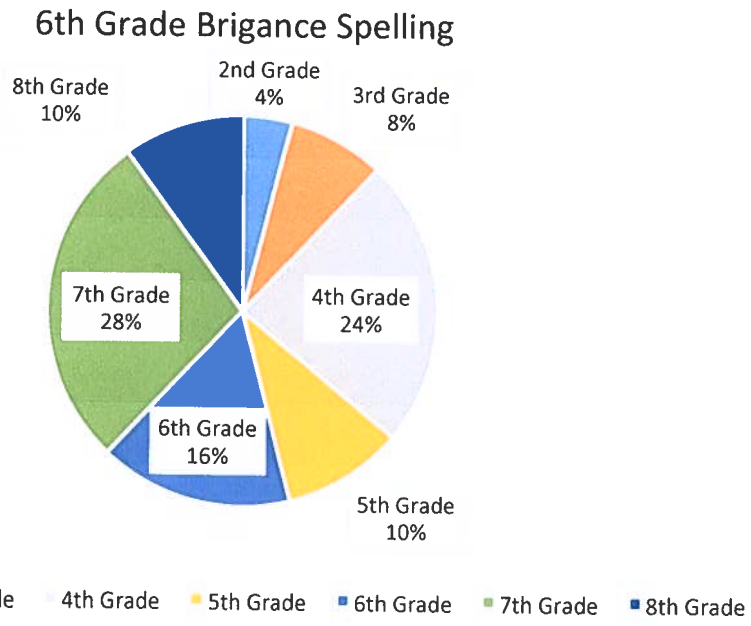
37% of 8th graders are performing at the 11th or 12th grade level. 25% are performing at the 7th grade level and 38% are performing between 6th to 4th grade level.

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6th Grade Brigance Spelling Scores

Administered on September 19, 2018
Enrollment: 50
Absences: 0
Total Tested: 50

GRADE LEVEL	TOTAL	PERCENTAGE
2nd	2	4
3rd	4	9
4th	12	27
5th	5	11
6th	8	18
7th	14	31
8th	5	10

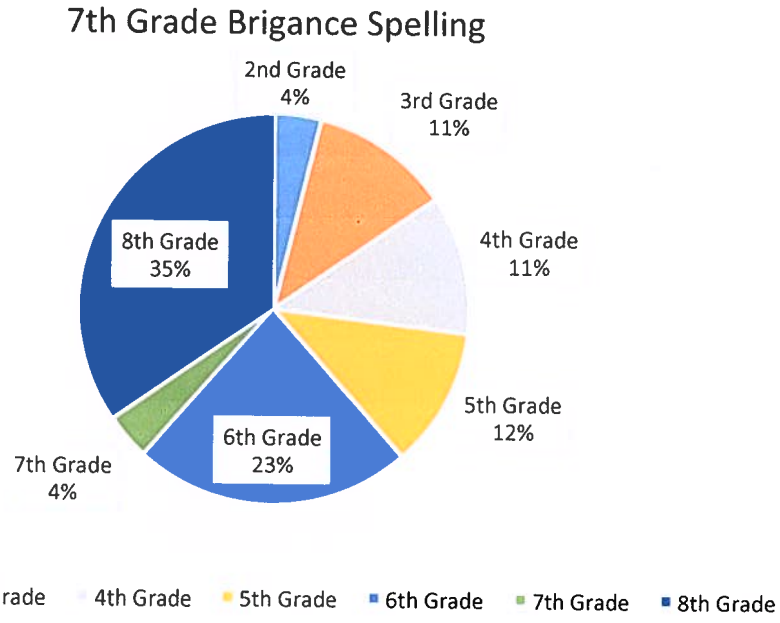


59% of 6th graders are performing at the 6th grade level or higher in spelling. 11% are at the 5th grade level. 40% are performing between 4th to 2nd grade level.

7th Grade Brigance Spelling Scores

Administered on September 20, 2018
Enrollment: 28
Absences: 2
Total Tested: 26

GRADE LEVEL	TOTAL	PERCENTAGE
2nd	1	4
3rd	3	11
4th	3	11
5th	3	12
6th	6	23
7th	1	4
8th	9	35

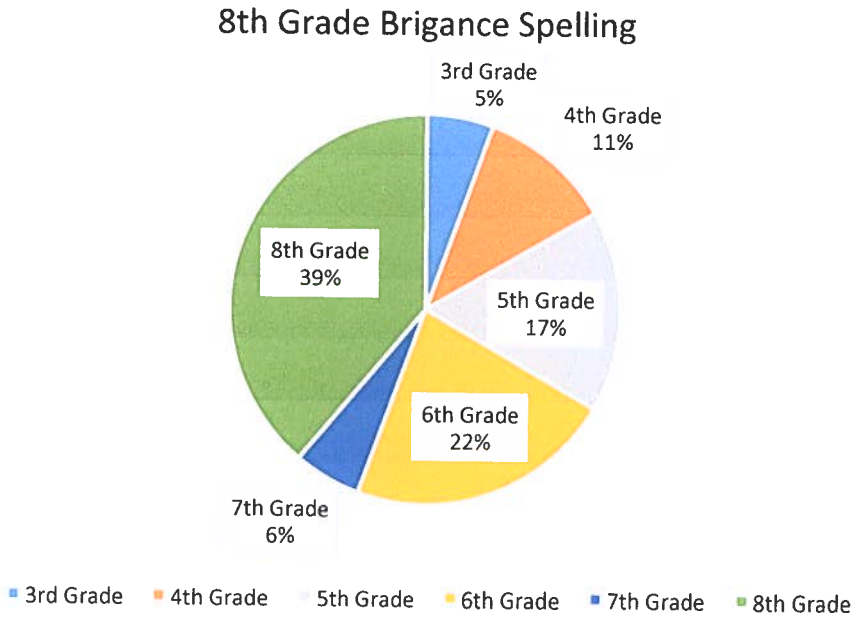


39% of 7th graders are performing at grade level or higher. 23% are one grade level below and 38 % are between 5th to 2nd grade.

8th Grade Brigance Spelling Scores

Administered on September 20, 2018
Enrollment: 21
Absences: 3
Total Tested: 18

GRADE LEVEL	TOTAL	PERCENTAGE
2nd	0	0
3rd	1	5
4th	2	11
5th	3	17
6th	4	22
7th	1	6
8th	7	39



Data indicates 39% of 8th graders are performing at grade level. 6% are performing at the 7th grade level. 55% of the students are performing between 6th to 3rd Grade.

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Professional Development Activities

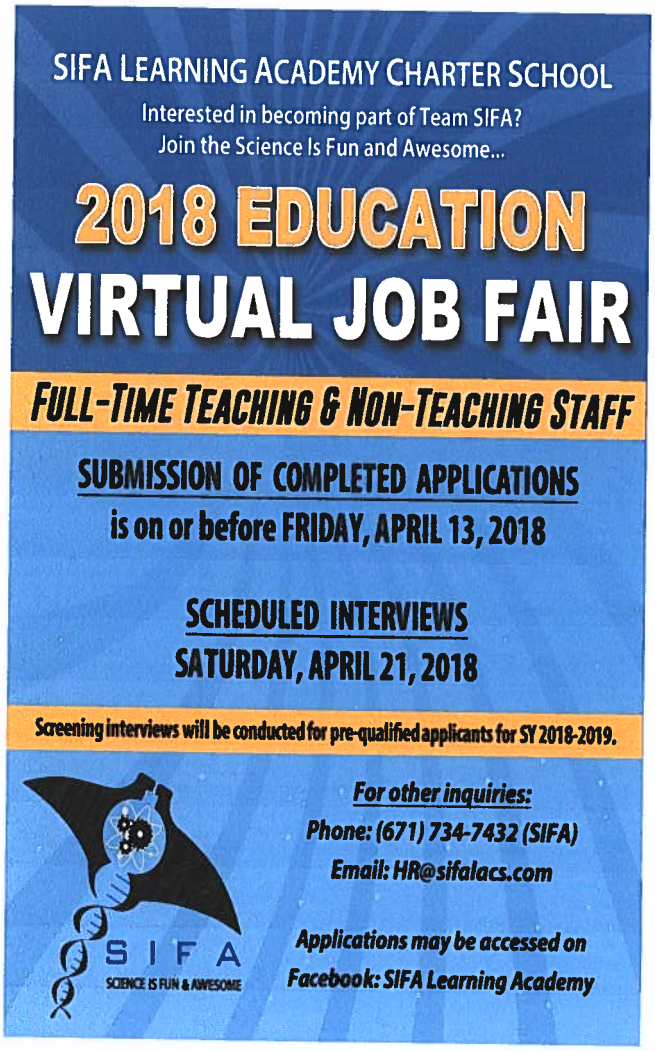
DATE	ACTIVITY / FACILITATOR	VENUE	Learning Expectations
Aug. 1	Orientation / Ice Breakers Maria Ravella	Barrigada Mayor's Office	Allow all employees an opportunity to work with each other collaboratively. Team building exercises.
Aug. 4 -14	STEAM Curriculum Building for all subject areas Arvi Bacani Dr. Jay Sunga	Tiyan High School BMO	Teachers and Tas work with each other using CCSS, NGSS to create a curriculum map that incorporates power standards necessary for each grade level and subject area
Aug. 2-3	First Aide and CPR American Red Cross	BMO	All personnel will be fully certified for First Aide and CPR.
August 9-10	Introduction to STEAM training Dr. Jay Sunga	Tiyan High School	Training teachers how to incorporate STEAM Based teaching into their respective curriculum
August 14-15	CITW Project Based Learning Dr. Clare Camacho	BMO	Classroom Instruction That Works training for all teachers and Tas.
August 15 – 31	Syllabus Building Arvi Bacani Dr. Jay Sunga	BMO	Teachers built their respective course syllabus, review each other's syllabus for familiarity and connection among the subject areas.
August 17 - 31	STEAM Best Practice Lessons Teachers	BMO	Each subject area must showcase a full lesson incorporating the STEAM based learning and various teaching pedagogy.
Aug. 29 - 30	Sped training DOE Sped Department	Hilton	Documentation and interpretation of sped

DATE	ACTIVITY / FACILITATOR	VENUE	Learning Expectations
			requirements.
Aug. 31	Introduction to Robotics Andrew Dela Rosa Ray Fernandez	BMO	Introductory course to robotics for all employees.
Aug. 31	SIFA Town Hall Meeting SIFA LACS Employees	Tiyan High School Cafeteria	Meeting with al parents and students. Update on the school.
Sept. 17	Teaching Pedagogy Jared Ramos	SIFA LACS	Practical application of various teaching pedagogy.
August 14 - ongoing	RenWeb Training	RenWeb GCIC	Training on the usage of RenWeb
Sept. 4	SIFA Team Building and practical application of lesson Teachers	Various locations (field trip)	Create a positive work environment, team building, and practical application of best practices via on location fieldtrip.
Sept. 5	National History Day advisor's meeting. Ms. Mantanona Ms. Sandoval	UOG MARC	Introduction to the NHD Competition

Other Accomplishments

Registered on the following:

- National Junior Honor Society
- National Student Council
- Mathcounts Competition Series
- National History Day Team







Job interview for full-time teaching and non-teaching staff

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Announcement of SIFA LACS for open enrollment

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GDOE SPED Training

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SIFA LACS Townhall meeting with the parents

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Professional trainings

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Orientation and placement test for students

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Round table discussion with the Charter School Council

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