

UPLAND UNIFIED SCHOOL DISTRICT
FOOTHILL KNOLLS STEM ACADEMY OF INNOVATION
STRATEGIC PLANNING RETREAT
September 11, 2019 * Upland USD Community Room

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MISSION STATEMENT

Foothill Knolls STEM (Science, Technology, Engineering and Math) Academy of Innovation is a dedicated community that inspires and empowers all students to be future ready problem solvers who positively impact an ever-changing global society.

CORE VALUES

(Not in priority order)

Foothill Knolls STEM Academy of Innovation values...

Innovation and creativity

Curiosity

Empathy

Collaboration

Problem solving

Being visionary

Tenacity

THREE-YEAR GOALS

(2017-2020 * Not in priority order)

Students will be engaged in a challenging and meaningful project-based learning/STEM curriculum articulated across all grade levels

By the end of third grade, all students will master foundational reading and math skills

Increase community awareness and investment in Foothill Knolls STEM Academy of Innovation

All teachers are skillful and confident in their ability to support their students' learning and aspirations

Achieve a culture where all students will demonstrate mastery of essential skills and core values to transition successfully to high school



S.W.O.T. ANALYSIS

Strengths – Weaknesses - Opportunities - Threats

WHAT ARE THE STRENGTHS AND ACCOMPLISHMENTS OF THE UUSD FOOTHILL KNOLLS STEM ACADEMY OF INNOVATION SINCE THE NOVEMBER 2018 RETREAT?

Brainstormed Perceptions:

- Growing kindergarten enrollment
- Students in Washington DC were elected by their peers for leadership positions
- Burlington donated \$1000 to us—second year of an award
- Successful Flight Night
- Increased student academic performance due to inclusion
- New full-time Assistant Principal
- Repaved and painted the upper grade classroom
- We got a high tech laser printer
- Added two Wellness Centers to the campus
- We have a new Social and Emotional Learning (SEL) Curriculum
- Had Femineers at Cal Poly Pomona exhibition
- Leadership has approved a name change to “Foothill Knolls Academy of Innovation”
- Project Based Learning (PBL) Team built a partnership with High Tech High—building capacity to coach on campus
- Students showcased work in distracted driving at many community events
- Put a noise measure in the cafeteria
- Rube Goldberg Team had their most successful competition
- Launched a New York Times Author’s Book at our site
- Reclassified approximately 20 English Language Learners
- Doing EFT (tapping) and mindfulness training across the campus
- Implemented Literacy Coach in classrooms
- Identified a goal that every student will have a 150 Lexile point growth every year
- PBL Leadership has engaged staff in a plan to develop and curate student work
- We have a Homework Club after school to align with junior high classes
- We had student exhibits at the San Bernadino Makers Fair and won first place
- We had student-led Road Shows at other elementary schools in the District
- PBL Team crafted benchmarks and timelines for a high quality PBL project
- We have a crossing guard
- First-ever student-led Board meeting was held and they “rocked it”
- Had a successful year of Crew
- Became a member of the San Bernadino County Club Live and got a OTS grant of \$3000
- Purchased a systematic phonics program for K-2 classrooms and it will move into 3rd grade
- Students are staying socially networked with the community they met at Foothill Knolls, continuing into high school
- Won a Books in Action grant for \$2500 in partnership with Upland Public Library
- Provided water bottles for kids, and started a recycling program
- Increased social media presence
- SPED inclusion is resulting in more confident students in 4th-8th grades
- Designed a TK-8 Robotics and Coding Pathway to the high school
- Continued the Washington DC trip with an increase in parent involvement
- Currently we have a STEM Lab being built
- New playground

- Higher middle school enrollment (currently 200 students)
- Had 33 students attend the Verizon Innovation Learning Camp
- Increased middle school participation in high school math classes
- Reorganized After School Crew
- Teachers are part of the DNA math training at the District
- Received a grant for virtual reality from University of Arizona and Verizon for equipment
- iReady was used across all grade levels at the universal screeners for ELA and math
- Approved and started a Girls Who Code Club
- Started a Hip Hop Dance Club
- Positive Behavior Innovation Support (PBIS) recognition—bronze medal
- Students are continuing their academic success going into high school
- Started NOTICE—a school-wide culture and climate program
- Increased awareness that Foothill Knolls is a junior high option
- Successfully built relationships with the high school
- Kindergarten had a successful PBL project with hatching and raising chickens
- PBL Team began the conversation about working together across grade levels
- Flexible seating in grades 4 and 5

**U P L A N D U N I F I E D S C H O O L D I S T R I C T
FOOTHILL KNOLLS STEM ACADEMY OF INNOVATION**

STRATEGIC OBJECTIVES

September 11, 2019 – March 15, 2020

THREE-YEAR GOAL: <i>Students will be engaged in a challenging and meaningful project-based learning/STEM curriculum articulated across all grade levels</i>						
WHEN	WHO	WHAT	STATUS			COMMENTS
			DONE	ON TARGET	REVISED	
1. By March 1, 2020	Jennifer Morris, with support from PBL Leadership and Grade Level Teams	Create a system to communicate PBL (Project Based Learning) projects to parents and community.				
2. By March 15, 2020	PBL Leadership (Jennifer Morris-lead), working with Grade Level Teams	Create and distribute to all teachers a plan for cross grade-level PBL.				
3. By March 15, 2020	Leadership Team (Jennifer Morris-lead)	Pilot at least one after-school opportunity in TK-5, utilizing cross grade-level student mentoring.				

THREE-YEAR GOAL: *By the end of third grade, all students will master foundational reading and math skills*

WHEN	WHO	WHAT	STATUS			COMMENTS
			DONE	ON TARGET	REVISED	
1. By December 1, 2019	Debbie Peters (lead-reading) and Shawn Goehring (lead-math), working with K-3 Teachers	Utilize iReady and the Standards Deconstruction Process to identify grade expectations and achieve mastery goals and growth goals of explicitly essential Common Core foundational skills in reading and math.				
2. By March 15, 2020	K-3 Teachers	Analyze iReady screening and diagnostic data to monitor progress and determine next steps in ELA and math instruction.				
3. By March 15, 2020	Debbie Peters, working with TK-3 Teachers	Coach and model data-driven small group early literacy instruction for all TK-3 teachers to target the foundational skills in ELA.				
4. By March 15, 2020	Shawn Goehring	Coach and model data-driven instruction for all K-3 teachers, utilizing a systematic, tiered approach to target the foundational math skills.				

THREE-YEAR GOAL: Increase community awareness and investment in Foothill Knolls STEM Academy of Innovation

WHEN	WHO	WHAT	STATUS			COMMENTS
			DONE	ON TARGET	REVISED	
1. By January 15, 2020	A Positive Social Media Team (Dante Zappia and Ethan Decker)	Develop, distribute, analyze and share the results with Jennifer Morris, with recommendations, of a survey on student perception of social media at Foothill Knolls.				
2. By February 15, 2020	Kim Laird (lead), working with all 5 th and 8 th grade students	Develop a plan to redesign the aesthetics of the school's exterior and present to parents, staff and stakeholders for feedback.				
3. By February 15, 2020	Dante Zappia-lead, Misha Plammer and Jennifer Morris	Create a Community Team and develop an Ambassador Program open to all students for school tours.				
4. By March 15, 2020	Jennifer Morris (lead), working with the Leadership Team and the ASB Team Club	Create and propose to the Foothill Knolls students, staff and families for feedback an updated logo and mascot for the school.				

THREE-YEAR GOAL: *All teachers are skillful and confident in their ability to support their students' learning and aspirations*

WHEN	WHO	WHAT	STATUS			COMMENTS
			DONE	ON TARGET	REVISED	
1. By December 1, 2019	Misha Plummer, working with the Climate and Culture Committee and input from the Leadership Team	Share with all staff how the culture and climate components align to MTSS.				
2. By December 1, 2019	Jennifer Morris, working with the Leadership Team	Develop and distribute to all staff a plan to share how professional development relates to MTSS and UDL.				
3. By January 15, 2020	Jacqueline Delaney and Grade Level Teams	Identify and share PBL expectations with all staff of Foothill Knolls.				

THREE-YEAR GOAL: Achieve a culture where all students will demonstrate mastery of essential skills and core values to transition successfully to high school

WHEN	WHO	WHAT	STATUS			COMMENTS
			DONE	ON TARGET	REVISED	
1. By December 15, 2019	Terri Scott (lead), Eila Cathcart, Lisa Scoggin and Lindsay Geer	Implement a plan for a conversational opportunity meeting between primary, upper grades and middle school to build a greater sense of school culture.				
2. By March 15, 2020	Lindsay Geer (lead), Kim Laird and Terri Scott	Plan, hold and facilitate at least one school-wide opportunity to increase understanding of the alignment of curriculum resources.				