

# Welcome!

## Santan Gifted Academy Information Session

*Presentation to begin shortly.*



# Welcome parents and students!



Thank you for attending our Santan Gifted Academy Information Session. For your convenience, a copy of our presentation will be posted on the SGA website tomorrow morning.

# Santan Gifted Academy Team



- Donna Gustafson - Social Studies
- Richard Pysheer - Science
- Sarah Winzeler - Mathematics
- Mac York - Language Arts

# English Language Arts

Quarterly: Essay, textbook, novel study

- Extensive MLA training, in-text citations and works cited
- In-depth study of literature: novels, short stories, poetry, drama, autobiographies, academic journals
- Writing in multiple formats, including literature responses, summarizing, informative/argumentative essays, research, personal narratives, and creative writing
- Incorporation of class discussions, debate, creation of videos, and group projects
- Foundation for AP classes



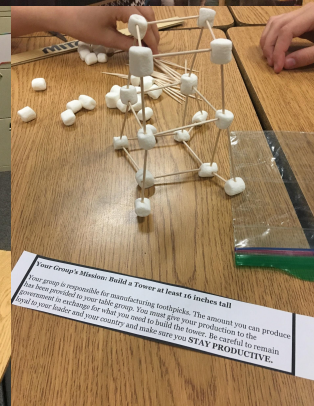
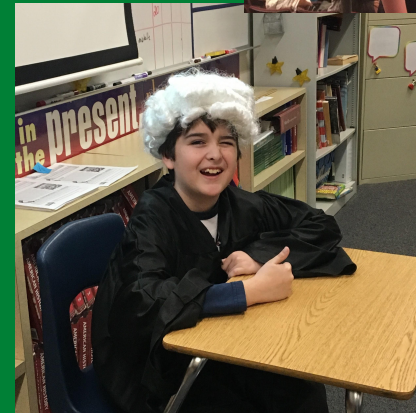
# What makes our program exceptional?

- Highly qualified
- Gifted endorsed
- School within a school
- Smaller class sizes
- Problem-Based Learning
- STEAM



# Social Studies

- Wide span of history  
7th- Enlightenment - Cold War  
8th - Foundations of Government, civics,  
human rights
- Discussion and project based
- Creative ways to display understanding
- Simulations
- Primary source analysis
- Current Events
- Foundation for AP classes





# Technology

- 1:1 ratio
- Google Classroom
- Project Lead the Way
- 3D Printing
- Yearbook
- TV/Media
- Robotics



# Santan Clubs 2023

- Art Club
- Chess Club
- Drumline
- E-Sports Club
- Gay Straight Alliance
- Jazz Band
- Mountain Biking Club
- National Junior Honor Society
- SJHS Dance Team
- Speech and Debate
- Stormin' Buddies
- Student Council
- VEX Robotics
- WEB
- Yoga Club







# Starfleet Sciences Academy

## Sciences of Early 21st Century Earth Years 1 & 2



At Portage Glacier, Alaska with Pippa,  
Chief Canine, Starfleet Sciences Academy

### Rich Pysher

Chief Science Officer:

Starfleet Sciences Academy - Santan Campus

Commanding Officer:

U. S. S. Jemison - Science Vessel, Nova Class

# Expectations

Cadets Shall Strive To Exhibit:

- Independent, Innovative Thinking
- Logical, Analytical Reasoning
- Effective Collaboration
- Enthusiasm
- Ambition

# Curriculum

- Aligned to District/State/Next Generation Science Standards
- Scientific Inquiry Based Investigations with Research and Data Analysis
- Rigorous and Challenging
- Project Based Learning
- Real-World Connection

# Year 1

- Unit 1: Cycling of Matter and Energy
- Unit 2: Cycling of Matter and Energy in the Geosphere
- Unit 3: Cycling of Matter and Energy in the Hydrosphere and Atmosphere
- Unit 4: Forces, Motion, and Newton's Laws

# Year 2

- Unit 1: Chemical Basis of Life
- Unit 2: Structures and Functions of Life
- Unit 3: Diversity of Living Things
- Unit 4: Connection of Matter, Energy, and Living Things



# Learning Environment

- Star Trek Starfleet Academy Theme.
- Gamification: Cadets Develop Characters, Home Worlds, and Avatars.
- Earn Badges and Federation Credits for Completed Tasks and Accomplishments
- Choose Major and Minor Science Domains of Focus

# Learning Techniques

- Icons of Depth and Complexity.
- Interactive Notebooks.
  - ❖ Cornell Notes.
  - ❖ Sketch Notes.
- Classroom Debate.

# In Closing

- Preparation for Honors Biology and AP/IB high school science classes.
- Science Fair.
- Chandler Innovation Fair.
- Santan K-8 Science Night: 1/31/24, 5:30-7:00 PM.

# Santan Sports

- 3 sports per quarter
- Award winning

1st Quarter - Girls Volleyball, Baseball, Cheerleading, and Wrestling

2nd Quarter - Boys Basketball, Softball, Tennis, and Cross Country

3rd Quarter - Girls Basketball, Boys Soccer, and Flag Football

4th Quarter - Boys Volleyball, Girls Soccer, and Track and Field

Year-round - Unified Sports



# Math

- Acceleration, depth, complexity, and rigor
- Higher level student conversations
- Inductive reasoning, exploration, application, and proof
- Differentiated placement to meet the needs of our gifted students
- Opportunities for additional acceleration for advanced students
- Preparation for AP/IB courses



## High School Courses

- Algebra
- Geometry
- Algebra 2
- Pre-Calculus
- Calculus AB
- Calculus BC
- Statistics
- Multivariable Calculus/Differential Equations
- Linear Algebra





# Sample Seventh Grade Schedule

Period 1 - Science

Period 2 - Math (Pre-Algebra or Algebra)

Period 3 - English Language Arts

Period 4a - Storm Hour Homeroom

Period 4b - Lunch

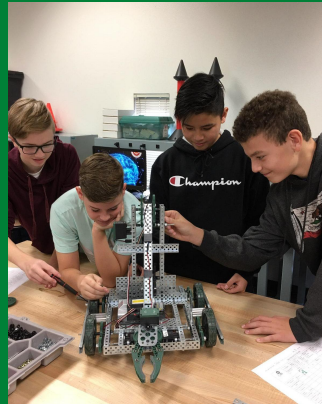
Period 5 - Electives (eg. Day 1 Spanish / Day 2 Project Lead the Way)

Period 6 - Social Studies

*Classes are 66 minutes. Storm Hour and lunch are each 31 minutes each.*

# Santan Electives

- Art
- Band
- Choir
- Computer Applications
- Digital Media
- Drama
- Family and Consumer Science
- Media/TV Production
- Orchestra
- PE/Weight Training
- PLTW - Design and Modeling
- PLTW - Robotics
- Spanish
- Stormin' Buddies
- Student Council
- Yearbook Publication



# Current Student Input

Please welcome Aziza, Benjamin, Sienna, Yosef, and Justin to share highlights of their experience at Santan Gifted Academy.

# Thank you for attending! Questions?

## Contact Information:

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