Magnet Program Specifics

Hubert O. Sibley K-8 Academy

STArts Magnet Program – Science, Technology, and the Arts

The Hubert O. Sibley K-8 Academy STArts Magnet Program is an innovative, interest-based program open to students across the district. STArts is designed to prepare students for the future by merging Science, Technology, and the Arts in a way that develops both academic excellence and creative expression.

Through engaging, hands-on learning experiences, students explore environmental and space studies, engineering and design challenges, and the visual and graphic arts. The program nurtures creativity, ingenuity, critical thinking, and problem-solving—skills that are essential for success in an ever-changing world.

Curriculum Focus Areas

Our STArts curriculum is built on interdisciplinary learning that connects real-world applications to core academic studies. Key areas include:

Design & Engineering
Students use inquiry, innovation, and design-thinking strategies to tackle engineering challenges, from building prototypes to exploring sustainable solutions.

Environmental Science & Conservation
Learners study ecosystems, sustainability practices, and conservation efforts, fostering awareness of how science and stewardship shape our planet's future.

Marine Biology
With a focus on South Florida's unique marine environments, students explore ocean systems, biodiversity, and the importance of protecting aquatic life.

Space Science
Students investigate the mysteries of space, space travel, and planetary exploration while engaging in STEM-based projects inspired by NASA and other scientific organizations.

Visual & Graphic Arts
Creativity is celebrated as students express their ideas through painting, digital design, and multimedia projects that connect the arts with science and technology.

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Why Choose STArts?

The STArts Magnet Program goes beyond traditional learning by combining rigorous academics with creative exploration. Students leave prepared not only with knowledge but with the ability to innovate, collaborate, and lead. With opportunities for project-based learning, community partnerships, and cross-curricular experiences, STArts provides a foundation for future success in high school, college, and beyond.

Enrichment Opportunities Extracurricular Activities

Robotics & Coding Clubs that allow students to extend their STEM learning outside of class.

Art and Media Clubs where students showcase creativity through digital, graphic, and visual arts.

School-Wide Events such as STEM Nights, Art Shows, and Space Exploration Week that bring families and the community together.

Field Experiences: Visits to science labs, botanical gardens, aquariums, and space centers deepen real-world learning.

Guest Speakers & Workshops: Experts in engineering, conservation, and the arts inspire students and introduce career pathways.

Technology Integration: Students use digital tools, graphic design software, and multimedia platforms to bring their ideas to life.

Competitions & Showcases: Opportunities to participate in science fairs, art exhibitions, and district-wide STEM/STEAM challenges.