Structure: Learner Active Technology Infused Classrooms @ SMES

Active Technology Infused Classrooms (LATIC). In grades K-1, our students have a learner active technology infused classroom with the use of iPads(1:1). In grades 2– 5 students have individual MacBook Pro laptop computers (1:1). Through this learning approach, students are developing the 21st Century Skills that are needed for tomorrow's world. Technology enhances the content, not deliver the content.

In addition to the core curriculum, our STEAM program incorporates project and problem based learning, allowing our students to apply their knowledge and gain experience with these skills.

Curriculum @ SMES

We focus on the true integration of Florida State Standards. Our 3 critical goals for instructional design are to engage students in learning; build greater responsibility for student learning; and increase academic rigor. This design will be created through transdisciplinary units. Transdisciplinary units are a method to teach a unit across multiple cross-curricular disciplines (math, science, social studies, ELA).

What is SMES?

Steam Academy

SANDERS MEMORIAL STALLIONS

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SANDERS MEMORIAL ELEMENTARY, A STEAM MAGNET

Inspiring Today's Leaders for Tomorrow's World

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What is STEAM?

STEAM is an acronym for Science, Technology, Engineering, Arts, and Mathematics. A STEAM school focuses on these subjects to prepare students for college, career and life ready in the 21st Century. Rather than teaching these subjects in isolation, they are woven into the core curriculum (Language Arts, Social Studies, Music, Arts and Physical Education) through high impact learning instruction and learning in real world context.

A STEAM program is a pathway in which children obtain the 21st century skills needed to become future leaders and innovators of tomorrow. While supporting the core academic competencies, the STEAM program furthers students to be:

- Critical Thinkers/Problem Solvers
- Collaborators
- Creative Minds
- Communicators
- Compassionate

School Clubs

Here at Sanders Memorial we want to provide an environment of opportunity. We now have after school and during school clubs that many students attend. These club members are selected by lottery or certain criteria. Here are some clubs that we have at our school:

STEAM Club(w/Robotics Club)
Agriculture Club
Art Club
Broadcast Journalism Club
iPad Band
ORFF
Chorus
Chess Club
Odyssey of the Mind

With more to come……

Sanders Memorial Five Core Design Principles

Our Design Principles will be incorporated into every aspect of the Sanders Memorial's operation and will support the advancement of teaching and learning for all students.

- **Students first:** Decisions will be made with the students in mind.
- **Positive relationships lead to positive outcomes:** Relationships within our school community are pivotal to our students' success.
- **Learners have voice and choice:** Empowering learners to take part in designing their experiences.
- **Failing Forward:** Building perseverance and grit will be key to learning.
- **Changing the World through Design**: Students learn by engineering solutions to real world problems.

Pasco County Schools
Providing a world-class education for all students