

E.W.F. Stirrup Elementary

**Climb aboard
the
S.T.E.A.M.
Train to
success!**



What is STEM education?

S CIENCE

T ECHNOLOGY

E NGINEERING

M ATHEMATICS



“Today, more than ever before, science holds the key to our survival as a planet and our security and prosperity as a nation. It’s time we once again put science at the top of our agenda and work to restore America’s place as the world leader in science and technology.” -President Barack Obama

WHAT IS S.T.E.A.M.?

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Why Join the S.T.E.A.M Program?

Traditional Curriculum

- Basic Skills in Reading, Science, and Math
- Teacher Centered Instruction
- Technology is sparse
- Subjects taught in isolation



S.T.E.A.M CURRICULUM

- Higher Order Thinking: Explore, Explain, Elaborate, and Evaluate
- Real World Problem Solving Skills
- Project Based Learning
- Hands/Minds On Group and Individual Investigation, Research, and Experiences
- Integration of S.T.E.A.M. core throughout all subjects

What S.T.E.A.M. Offers Students

- Lab setting facilitating the acquisition of scientific processes and deep conceptual understanding of science ideas through manipulation, experimentation, model making, research and communication
- Extensive content library resources
- Access to Technology-Computer based programs
- SMART Board Technologies
- Live Podcasts and Blogging
- Gizmos



FIU School of Engineering STEM IMPACT Outreach

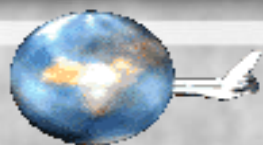
- **FIU faculty and students will engage students in various hands-on activities designed to foster interest in STEM subjects.**
- **Designed to increase the number of students who pursue future careers in STEM fields.**



Educational Field Trips

Each School year will culminate with an Educational Field Trip that will help solidify what students have Learned throughout the year.

- Fort Lauderdale Museum of Discovery and Science
- Disney's World of Physics at Magic Kingdom
- Kennedy Space Center
- LEGO LAND Florida



**Let Your Child Climb Aboard
the Train to Success!**

**Join Stirrup's S.T.E.A.M.
Program
Today!**

