

## History

Bartow Elementary Academy was established in 1993-94 as a magnet school for the purpose of desegregation of elementary schools in the greater Bartow area. Bartow Academy revised its magnet program to a focus on **STEM** as a result of the district being awarded a Magnet Schools Assistance Program Grant from the Department of Education in 2010. Magnet-themed focus includes the use of technology integration, inquiry-based lessons, and situational learning provided by phosphate mining companies, local engineers including agricultural engineers, college professors, industrial quality control technologists, business managers and civic groups, to attract diverse students and for all students to exceed proficiency in the core content areas.

## Partnerships

- Florida Industrial and Phosphate Research Institute
- Clear Springs
- Mosaic
- Florida's Natural
- LEGOLAND Florida®
- Bartow Performing Arts
- Bartow Academy Parent Teacher Association



## Honors and Recognitions

- NCLB National Blue Ribbon School of Excellence
- Designated an A+ School by the Florida Department of Education
- Met Federal Adequate Yearly Progress Requirements
- Recognized as a Five Star School
- Excellence Integrating STEM into Experiential Learning in Magnet School Award by STEM Florida
- Named a top school in the state by greatschools.com



## BARTOW ELEMENTARY ACADEMY

*Believes Everyone Achieves*

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Bartow Elementary Academy  
is a **ZONE D** School



**BARTOW  
ELEMENTARY  
ACADEMY**



*A Polk County Public STEM School  
Science, Technology, Engineering, Math*

## Our Mission and Vision



Bartow Elementary Academy is a family partnership dedicated to inspiring and preparing learners to become productive global citizens. Our desire is for everyone to use life skills, technology and innovative experiences to build tomorrow's leaders.

At BEA, a family partnership committed to excellence is

the key to the success of our students. This partnership is actively demonstrated in the following ways:

- Academy contract
- Student portfolio conferences between parents and school
- Improvement conferences for those students at risk of not meeting academic, attendance, behavior expectations
- Parental involvement

## Preparing Learners to Become Productive Global Citizens



To make this a reality, we focus on the following:

- Integrated STEM curriculum
- High expectations for all students
- Classes in Art, Music and Physical Education
- Robotics and Lego® clubs
- Vernier Science Probes/Sensors
- Schoolwide implementation of cooperative learning
- Schoolwide implementation of Accelerated Reader program
- Schoolwide implementation of Thinking Maps
- Technology-infused curriculum
- Mobile laptop carts
- Interactive Smart Boards
- iPads
- Document cameras
- Electronic readers
- Open library
- Other extracurricular activities

## Using Life Skills

The following best practices are in place to ensure that our students have a safe and friendly community in which they can come and learn:

- Schoolwide behavior management plan
- Love and Logic implementation
- Life skills and lifelong guidelines
- Schoolwide recognition of Good and Super Citizens



## Technology and Innovative Experiences

As an extension of our beliefs, students are provided with the following opportunities:

- State-of-the-art STEM lab
- High-tech sustainable outdoor garden
- Guest speakers with a focus on STEM
- Project-based learning
- Engineering design projects
- Curriculum-based field studies
- Community service projects
- Utilization of community volunteers
- STEM-themed parent nights



SCIENCE TECHNOLOGY  
MATH SCIENCE TECHNOLOGY  
MATH SCIENCE TECHNOLOGY