



## HOFFMAN-BOSTON ELEMENTARY SCHOOL

*STEM (Science, Technology, Engineering and Math) Curriculum*

*Focus begins 2012-13 School Year*

*A Project Edison Exemplary Program since 2001*

1415 South Queen Street, Arlington, Virginia 22204

**Dr. Donna Snyder, Interim Principal**

703-228-5845 • 703-892-4526 (Fax)

[www.apsva.us/hoffmanboston](http://www.apsva.us/hoffmanboston)

*This school is fully accredited by the State of Virginia and through the Southern Association of Colleges and Schools.*

*Visit [www.apsva.us](http://www.apsva.us) and click on "About Us" for information about test results and the school population.*

Hoffman-Boston Elementary School is the home of the All Stars, a global community that sets high student and staff expectations. It boasts a strong program of after-school choices for students and enjoys strong community and parent involvement.

For the past ten years, the school's exemplary program Project Edison has focused teaching and learning on enhancing communication skills through technology and integration of the arts. Students have had daily opportunities to participate in real-life experiences that foster effective communication skills. To build upon the success of Project Edison, the Hoffman-Boston STEM Program is being developed as the instructional focus and will be initiated school wide during the 2012-13 school year. The STEM (science, technology, engineering and mathematics) curriculum, taught through a series of problem- and project-based learning activities, will enable Hoffman-Boston's students to become successful contributors and competitive members of the global economic community.

### GOALS

- Increase reading achievement of all students with particular focus on students with disabilities and English language learners.
- Develop strong parent and community partnerships.
- Invite open and active communication between staff, students, families and the community.
- Create a school climate that is welcoming and inclusive of all members.
- Recognize student achievements in academics, citizenship and character development.

### INSTRUCTIONAL HIGHLIGHTS

- Project Edison, an Exemplary Project enhancing communication skills through technology and integration of the arts
- School-wide Title I programming including math and literacy events throughout the year
- Montessori for three – five year olds
- Virginia Preschool Initiative (VPI) for four year olds
- Early childhood special education programs
- Professional Learning Communities (PLC) for teaching staff
- SIOP techniques and strategies for English language learners
- First Language Support (FLS) program (K-2)
- Specialized support staff including ESOL teachers, Title I math/literacy teachers and a literacy coach
- Wide variety of reading interventions: Book Buddies, iStation Assessment and Intervention Program, Phono-Graphix, Leveled Literacy Intervention (LLI) and Spell Read

- Reading Recovery
- HBTv- daily student-produced morning news show
- School Yard Gardens Program
- Science Lab
- iPad mobile lab
- Parent Math Academies
- Night at the Museum Family Curriculum Night
- Teacher-led after-school instruction: ELO, Homework Club, Reader's Theater, Spanish Club

### AWARDS AND RECOGNITION

- Arlington Community Foundation Grant
- American Heart Association Teaching Gardens Grant
- MHz TV Shortie Award for Best Student-Produced TV Show (2009)

### SPECIAL ACTIVITIES AND COMMUNITY SERVICE

- Partnerships include: Ambassador Theater, American Legion, Arlington Chapter of the Links, Inc., Arlington Soccer Association, Carver Center, Defense Intelligence Agency, Delta Sigma Theta, Edu-Futuro, House of Hoops, Lilia's Theater, Mt. Olive Baptist Church, Operation HOPE, Transportation Security Administration, Virginia Cooperative Extension/4H and Washington Architectural Foundation
- Annual Multicultural Festival and Winter Festival
- Extensive after-school enrichment offerings: Art Club, Basketball, Character Club, Financial Literacy Club, Girls on the Run, Mother-Daughter Book Club, Recorder Club, Roving Reporters, Soccer, Y.E.S. (Youth Experiencing Success) Club
- School-based summer school
- Lawns to Lettuce for Lunch
- Walk for the Homeless

### OPPORTUNITIES FOR PARENTAL INVOLVEMENT

- Parent/Teacher Association (PTA)
- Parent Advisory Committee
- Family Learning Nights
- Parent Laptop Checkout Program, Community Room Computer Stations
- PARTICIPA
- Project Family
- Principal Coffees
- Volunteer opportunities: field trips, room parents, special projects