

# Children's Mathematics in Design and History School Field Trip Program for the exhibitions at the Museum of Lifestyle & Fashion History

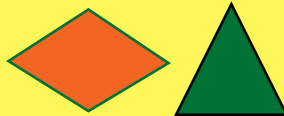
**School/Children Field Trips  
available  
at the Museum of Lifestyle &  
Fashion History**

## Learning Mathematics can be Fun!

The Museum's **Children's Mathematics in Design & History** program is offered as a school field trip opportunity on a year-round basis for public and private schools, after-school programs, scouting organizations and for summer camps. Mathematics concepts including symbols, shapes, angles, quantities and interrelationships of quantities have been incorporated into this Museum program that was developed in year 2006 in partnership with the Mathematics Department of the School District of Palm Beach County. The Museum's math program was first introduced in 2006 for the Museum's *Children's Mathematics Narrated Bus Tours of Historic Delray Beach*. In November 2009, the Museum opened in a donated 8,000 square feet facility located inside the Boynton Beach Mall in Boynton Beach, Florida. The facility has been renovated to include three gallery spaces to host rotating exhibitions. As a result, the math program has been expanded to now be incorporated into the exhibitions on display at the Museum and this expanded program has been named **Children's Mathematics in Design & History**. There are numerous Mathematics teaching and testing opportunities represented in the various designs of the artifacts, fashions and toys on display at the Museum. The Mathematics component of this school field trip program was developed using guidelines of the **FCAT (Florida Comprehensive Assessment Test)** with the goal of helping students to improve their basic math comprehension.

## Supplies provided to each student by the Museum of Lifestyle & Fashion History:

- Clip-board
- Pencil
- Palm-of-hand size calculator
- Math Questions / Activities
- Samples of Rulers & Measurement tools (not for each student but on display for demonstration only)



## Fees for Field Trip for Schools / camp groups:

- \$3.00 per student/child and \$3.00 per teacher/chaperone
- Minimum number is 10 people and maximum number is 25



**Hours:** Tuesday - Saturday, 10:30am - 5pm / Sunday, 1pm - 5pm

**Location:** Boynton Beach Mall, 801 N. Congress Avenue, Boynton Beach, FL (Near the Sears wing)



Name of Organization: \_\_\_\_\_

Name of Contact Person: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Total Number of Children taking tour: \_\_\_\_\_

Age range and school grades of children/Students: \_\_\_\_\_

Number of Teachers/Chaperones taking tour with Children: \_\_\_\_\_

Date(s) & Time(s) you selected for program: \_\_\_\_\_

**\$30 Deposit is required**



1920s Stetson Men's Hat



1960 Fashion Designer/  
Busy Gal Barbie®

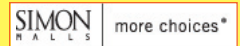


Vintage Lilly Pulitzer®

## Sponsors, to date:

**Patricia Ann Ravo Fund  
Boris & Edith Rueger Fund  
Boynton Beach Mall**

**Vice Mayor Woodrow Hay, City of Boynton Beach**



Sponsorship Opportunities are still available

## Facts about Children's Mathematics in Design and History School Field Trip Program:

### As a Field Trip for Schools/Children (available year-round)

NOTE: This program was developed in partnership with the Mathematics Department of the School District of Palm Beach County.

### Grades Pre-K thru 6th:

The following types of math concepts are incorporated into the information presented during the Children's Mathematics in Design and History School Field Trip Program and are geared to the particular grade levels of the group of students.

- Identifying & drawing geometric shapes
- Geometric shapes relations to numbers and Geometric shape relations to numbers and artifacts or clothes (example: triangle means there are 3 angles; angles are a key component to the designs of certain objects or artifacts)
- Concept of how numbers & measurements are needed everywhere (such as to keep track of time, things, positions and to measure length, area, and volume)
- Measurements and lineal measurement tools
- Adding, subtracting, multiplying, dividing numbers
- Space and spatial concepts (grades 3 thru 5)
- Numbers sequence, concepts and operations
- Math related story book reading
- Teachers may qualify for in-service points from the School District

Field trip is one-hour, approximately.

### SPECIAL THANK YOU

- Thuy Shutt, Licensed Architect & Urban Planner
- Joi Odom-Grant, Administrator, Mathematics Department of the School District of Palm Beach County, Florida
- School District of Palm Beach County, Florida

**MAKE CHECKS  
PAYABLE TO:**  
Museum of Lifestyle &  
Fashion History

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