



# Science

Sample Science Classes from Last Year...

- Molecular Magic
- Strange Physics
- Everyday Psychology
- Introduction to Physics - Kinematics
- Neuropharmacology:  
Drugs and the Brain



[dukesplash.learningu.org](http://dukesplash.learningu.org)  
or email us at: [dukesplash@gmail.com](mailto:dukesplash@gmail.com)

Innovative High School Learning Day at DUKE



B.N. Duke Scholarship Program  
114 S. Buchanan Blvd.  
Box 90756  
Durham, NC 27708

Saturday, February 18, 2012

Math & Computer Sciences  
Humanities  
Science  
Arts

Sat., Feb. 18, 2012



Don't let your kids miss out on this innovative youth learning program at DUKE!



[dukesplash.learningu.org](http://dukesplash.learningu.org)

# duke splash

Innovative High School Learning Day at DUKE

Saturday, February 18, 2012

Duke Splash is an innovative educational outreach program, modeled after a similar concept at MIT, where high school students have the opportunity to take 3-4 short creative classes taught by Duke University students. The program exposes students to topics they may not be able to access through a traditional high school curriculum. Duke Splash coordinators invite Duke student volunteers to teach subjects they are passionate about, offering classes on everything from astrophysics to archaeology, urban planning to Shakespearean sonnets, and molecular biology to tap dancing.

Up-to-date course descriptions, availability and student registration must be accessed at [dukesplash.learningu.org](http://dukesplash.learningu.org). Courses may change. We encourage early registration as some classes fill quickly.

Created in 2009 by Benjamin N. Duke Scholar Alice Yen, Duke Splash is a six-hour program with 50-minute courses running throughout the day. Before lunch, instructors also hold various team-building competitions, ranging from an engineering oriented project to a code-breaking puzzle. This year's program is free of cost and includes lunch. Over 140 Durham and Triangle-area students attended the Spring 2011 Duke Splash, coming from various high schools, including Hillside New Tech, Jordan High School, Riverside High School and NC School of Science and Mathematics. This year should be even bigger and better!

**All classes are open to students grades 9 through 12 unless otherwise noted.**

## Sample Art Classes from Last Year...

- Hip-hop
- Writing Stories: Creating Characters
- I Wanna Take Me A Picture
- "Raas" it up! What is that anyway?
- A Cappella & Beatboxing
- Introduction to Ukulele
- Sabrosura Salsa



# Arts

# Social Science

## Sample Social Science Classes from Last Year...

- Principles of Economics
- Being a Change Agent
- A History of Women's Health
- Reading the Qur'an



## Sample Math & Computer Science Classes from Last Year...

- Build your own Website
- Learning Processing:  
How to draw with computers
- Infinity and Beyond
- Websites Made Easy:  
Build a Blog!

## Sample Miscellaneous Classes from Last Year...

# Misc.

- All About Food
- Aspiring Young Women:  
Get Inspired, Be Empowered
- Do Hard Things
- Tying Yourself Silly
- You Are What You Eat
- Condensed Basic Swahili
- Euchre: Midwest Card Game
- How to Roll Your Own Sushi
- Law of Music

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