

# Circuit-Lab Grades 6-8 APP INVENTORS & CREATIVE COMPUTING

July 2, 3, 5, 6, 2018 (no class July 4) Discount for Full Day

## App Inventors 9 a.m.-Noon

Get connected as we explore not just how to use computers, but how to make computers work for you. We will use the latest tools: Arduino (for building interactive devices) and Raspberry Pi (for learning about computers and coding) to design hands-on projects ranging from LED light shows to touchless musical instruments to wearable computers, all in the name of taking ideas and making them real. Participants have access to a comprehensive library of parts and equipment, and experienced instructors who can help them create the devices of their dreams

July 2, 3, 5, 6, 2018 4 days 9 a.m.-Noon  
Room TBD Minimum: 7 Maximum: 20  
Fee: \$135/App Inventors or \$245/Both programs (Full Day)

## Creative Computing 12:45-3:45 p.m.

Want to know how the apps work on your phone or iPad? Or do you already have the next great app idea, and just need to know how to make it? In this no-experience-required course, we use MIT App Inventor software to make fun, creative apps for Android phones and tablets. Participants will learn both the programming and design aspects of creating great apps, and have the opportunity to build apps of their own

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Class size is limited. Registration is on a first-come first served basis  
Late pick-up will result in a \$1.00 per minute fee payable immediately to the instructor.

**REFUND POLICY:** Class is non-refundable. Check will be returned only if a class is cancelled.

Please know that it is the policy of the Harvard Public Schools not to discriminate on the basis of race, color, sex, gender identity, religion, national origin, age, disability, or sexual orientation in its educational programs, activities or employment policies as required by Title IX of the 1972 Educational Amendments, Chapter 199, and Section 504 of the Rehabilitation Act of 1973. The district compliance coordinator is Marie Harrington, Director of Pupil Services, 978-456-4143.

Harvard Community Education, 39 Massachusetts Ave., Harvard, MA 01451  
978-456-4118 jcavanaugh@psharvard.org



### SPECTRUM REGISTRATION FORM - App Inventor/Creative Computing

COMPLETE THIS FORM OR USE THE ONLINE REGISTRATION FORM  
[www.psharvard.org](http://www.psharvard.org) Departments, Community Education

Name \_\_\_\_\_ Grade (Fall 18) \_\_\_\_\_

Allergies \_\_\_\_\_

Address \_\_\_\_\_

Home Phone \_\_\_\_\_

e-mail \_\_\_\_\_

Parent Name \_\_\_\_\_

Parent Work Phone \_\_\_\_\_ Cell # \_\_\_\_\_

Emergency Contact & phone \_\_\_\_\_

(Other than parent, in case parent cannot be reached)

\*Non Residents (does not include School Choice) please add \$10 non-resident fee  
Make check payable to: Town of Harvard, 39 Mass. Ave., Harvard, MA 01451  
Or pay online at [www.psharvard.org](http://www.psharvard.org) Online Payment Center

**NOTE:** If using the Unipay/online payment system, you **must** email the payment confirmation number or a copy of the payment confirmation to:  
[jcavanaugh@psharvard.org](mailto:jcavanaugh@psharvard.org).

\_\_\_\_\_ APP Inventors \$135 \_\_\_\_\_ Creative Computing \$135

\_\_\_\_\_ Both APP Inventors & Creative Computing \$245

I, the undersigned, attest I am the parent or legal guardian of the above named child who attends the COMMUNITY EDUCATION/SPECTRUM program and agree to allow him/her to participate in the above listed SPECTRUM class. I further agree to indemnify and hold harmless the staff, administrators, and official assistants and to absolve them from any and all liability arising from my child's participation in this activity.

I have read and am fully aware of the policies (ie. late pick up, refunds etc.) of Harvard-Community Education and the SPECTRUM Program.

\_\_\_\_\_  
PARENT/GUARDIAN SIGNATURE

\_\_\_\_\_  
DATE

Community Education 978-456-4118 jcavanaugh@psharvard.org