KOPERNIK OBSERVATORY & SCIENCE CENTER

698 UNDERWOOD ROAD, VESTAL, NEW YORK 13850
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Girl Power
Girls Who Code
March 30/31 – Grades 6-8
April 1/2 – Grades 3-5

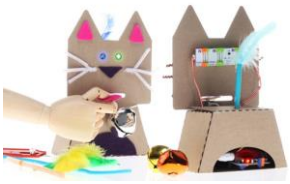
Since 2008, the Girl Power series at Kopernik Observatory & Science Center (KOSC) has provided hundreds of young women a chance to learn about science, technology, engineering and math in a warm, non-threatening environment, while making new friends and having fun, too. Each Girl Power program includes a visit with a female scientist or engineer to discuss how she chose her career, how she trained for it, and what she does in her job every day.

girls who code

Computer programs are everywhere and control everything from TVs to smartphones to cars. Girls who wonder how these programs work will get a chance to find out at Girls Who Code, Kopernik's next Girl Power program. For two days, girls will learn about computer programming and create their own programs to control various devices including a project of their own creation.

During spring break, Kopernik will offer two Girl Power sessions, one for girls in grades 6-8 on Monday and Tuesday and one for girls in grades 3-5 on Wednesday and Thursday. Middle school girls will use LEGO® WeDo™ kits to create and program a complex project and move on to program an Arduino microprocessor to control littleBit™ modules. The younger girls will start with basic engineering concepts, use LEGO® WeDo™ kits to create and program robotic projects, and begin experimenting with littleBit™ modules. Both groups will learn to use www.code.org, where they can continue developing their programming skills long after Girls Who Code has finished.

Girls Who Code is partially underwritten with generous support from CONNECT a MILLION MINDS Time Warner Cable and AAUW of New York



WHEN: March 30/31 and April 1/2, 2015 (School Break) 10 a.m. – 3 p.m.
WHERE: Kopernik Observatory & Science Center
COST: $70 for KOSC members $82 for non-members
BRING: Lunch and a drink

QUESTIONS: Call Tish at 607-748-3685 ext. 305 or email: tbresee@kopernik.org

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Girl Power: Girls Who Code

❑ **Grades 6-8 March 30-31, 2015 10 a.m. – 3 p.m.**
❑ **Grades 3-5 April 1-2, 2015 10 a.m. – 3 p.m.**

Girl's name: _____ Grade: _____

Parent/Guardian/Grandparent name: _____

Address: _____City/St/ZIP_____

Phone: _____ Email Address: _____

Enclosed is: $_____ **(checks payable to "*Kopernik Observatory*")** KOSC Member ❑ Yes ❑ No ❑ (add $60 to join)

Credit Card # _____ ❑ Visa ❑ MasterCard ❑ Discover

Name on Credit Card _____ CVV code (3 digit code) _____ Expiration Date: _____

Registration, with full payment, must be received by Monday, March 23, 2015.
Minimum enrollment: 12 (in case of cancellation, participants will be notified in advance)
Refunds are available (less a $5 admin fee) if student withdraws 7 days prior to the class
Return this form to: Girl Power: KOSC, 698 Underwood Road, Vestal, NY 13850

Received____ DB____ QB_____