Dear Educator:

Research shows that America faces a future of intense global competition with a startling shortfall of scientists. In fact, only 5% of current U.S. college graduates earn science, engineering, or technology degrees, compared to 66% in Japan and 59% in China. To help address this shortfall, the National 4-H Council has declared SCIENCE one of three mission mandates to be addressed by 4-H professionals.

In Walworth County, we are pleased to offer a variety of fun, hands-on, science-based enrichment labs, intended to complement your existing classroom activities. You can read all about them in this brochure. Then, call 262-741-4959 to schedule. Please have two or three dates in mind when you call. If multiple classrooms in your building are interested in the same program, please try to coordinate your schedules if it’s feasible.

Once your date is confirmed by phone, complete the enclosed registration form and mail it in. You will be billed for the registration fees at a later date. Please do not send money at this time.

I look forward to working with you on these and future programming initiatives! This brochure is good through December 2014.

Happy Spring!

Debbie Burkman  4-H Youth Development Educator
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Eggsploring Incubation
Grades K-12
Program Dates:
April 21 — May 16
(Registration deadline is April 7 at 4:30 p.m.)

Experience the miracle of life hands-on. During this 3-4 week program, you and your class will receive all of the supplies necessary to incubate, hatch, and care for baby birds. All you’ll need to add is a little TLC and creativity. Sign up and you’ll have access to fun lesson ideas, posters, and more. Automatic turners come with the incubators to make your job easier over the weekends. The Extension office arranges homes for your babies, and help is always just a phone call away. Cost per classroom is $15 for chicks and $25 for ducklings. If you plan to use your own incubator, be prepared to tell how many eggs it holds when you call to sign up.

Limit: 2 classes to hatch ducklings. Classrooms hatching ducklings will end their program period a week later than shown above since ducklings take a week longer to hatch.
**Reduced to a Pulp**  
**Grades 3-6**

Every year, the average American consumes the equivalent of 7 trees in paper, wood, and other products made from trees. This amounts to 2,000,000,000 trees per year nationally! This 50-minute lab, led by Extension educators and their partners, will address the effects of mass tree consumption and the ease and benefits of paper recycling. Then, students will work in pairs to construct their own recycling mills and recycle paper right in their classrooms. Each student will end up with their own piece of recycled paper to take home. Cost is $10 per classroom.

**Who Dirtied the Water?**  
**Grades 3-6**

A quick glance at the globe tells us visually that there is plenty of water on our planet, but the amount of fresh water we actually have access to is very limited. This lesson will provide students with a quick review of the water cycle, the basics about water usage and over-usage, and a look at water pollution issues. Through a very visual hands-on activity, students will see how even they may be contributing to water’s challenges. Simple strategies to help water out will also be considered. This is a 50-minute lab. Cost per classroom is $10.

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