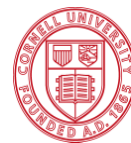


4-H Outreach Program Science Kits



Cornell University
Cooperative Extension
Saratoga County

50 West High Street
Ballston Spa, NY 12020
518-885-8995
Fax 518-885-9078

Find us on line at
ccesaratoga.org

4-H Concepts, Connections and Concoctions

More kits are available at
ccmr.cornell.edu
click education

Find us on line at
ccesaratoga.org
Click on 4-H
School Outreach
Science Kit Loans

Contact;
Julie jac275@cornell.edu
or
Marilyn mkp2@cornell.edu



4-H Concepts, Connections and Concoctions
Science Kits Funded by a Grant from the
New York State 4-H Foundation

4-H Concepts, Connections & Concoctions Science Kit Registration Form

Name: _____

School: _____

Address: _____

Email: _____

Name of Kit: _____

Suggested week 1 _____

Grade: _____

Phone: _____

Number of Students: _____

week 2 _____

Number of Classes: _____

WHAT ARE THEY?

4-H Concepts, Connections and Concoctions Science Kits were developed based on programming by the Nanobiotechnology Center at Cornell University. A sampling of lessons were presented at 2 Teacher's Trainings hosted by Cornell Cooperative Extension of Saratoga County.

These kits were created to serve the needs of K-6 teachers and to provide hands-on Science, Technology, Engineering and Math (STEM) activities. Kits can be borrowed and used in the classrooms to help teachers meet the NYS Learning Standard requirements and enrich their classroom teaching..



All kits contain :

- Easy to follow lesson plans
- A list of NYS Learning Standards being met
- Materials enough for 1 class (unless otherwise specified) to do activity
- Check list for returnable items to ensure refund of full deposit
- Extension activity suggestions

HOW IT WORKS

1. Fill out registration form on back and fax or mail to CCE of Saratoga.
2. Kits are available for use for 1 week at a time.
3. Pick up Monday after 2pm
4. Return by Friday before 5pm
5. The charge is \$15 per classroom per kit.
6. Please be sure to fill out checklist of returnable items and make sure that all are undamaged and accounted for.
7. There is a \$20 deposit refundable on return of all non-consumable items returned undamaged.
8. Registrations are on a first come first served basis.
9. If multiple classes in the same grade level will be using the kit, please let us know on the registration form how many students will need supplies and the kit may be borrowed for 2 weeks.



AVAILABLE KITS

1. **Animal Tracks k-6 Life Science**
Students discover animal characteristics by focusing on their tracks
2. **Sunprinting 2-6 Physical Science**
Using the concept of photolithography students transfer a pattern from transparency to sunprint paper
3. **Silly Putty 2-6 Physical Science**
Students combine ingredients to make silly putty and discover polymers
4. **Marshmallow 3-6 Bridge Building Engineering**
Design and build a bridge using marshmallows and toothpicks
5. **Puff-Mobile 3-6 Engineering**
Students design and construct cars from limited materials that can only be moved by blowing them
6. **Marvelous Magnets k-6 Physical Science**
Introducing magnetism to children

Quote from Teachers

"I feel reenergized with new, exciting experiments that will capture my students' open minds."

"This program has provided so many ideas & projects to integrate into the classroom & fits with state standards"

Denise Birge -Schuylerville