Here’s what’s available to you as you check out these 5 Science Tech Trunks for use in Day Camps, 4-H Leader Training, 4-H club project meetings and workshops. . .

- Fully stocked kit of supplies for 25 participants (*you’ll need to pick up perishables*)
- Additional resources if you wish to explore a project further

**Aerospace/Rocketry/GPS**

**Activity 1: Rockets Away!** for Grades 3-5  
From Stage 2 *Aerospace Adventures: Lift-Off, CCS 2003*

**Activity 2: Powerful Payload** for Grades 6-8  
From Stage 3 *Aerospace Adventures: Reaching New Heights, CCS 2003*

**Activity 3: Fly Me to the Moon** for Grades 3-5  
*Oregon State Extension* From  

**Activity 4: Pop! Rockets**  
*From NASA Rocket Educator’s Guide*

**Activity 5: GPS Unit 101** for Grades 3-8  
From Garmin eTrex 20 User Manual

**Activity 6: GPS Treasure Hunt** for Grades 3-8  
From Level 1 Beginner *Exploring Spaces, Going Places CD, CCS,*

**ANIMAL SCIENCE**

**Activity 1: So You Think You’re Hot?** for Grades 3-6  
From Cornell Cooperative Extension, 4-H Science Toolkit- Animal Science, 2011  
[http://nys4h.cce.cornell.edu/about%20us/Pages/SETToolkit.aspx](http://nys4h.cce.cornell.edu/about%20us/Pages/SETToolkit.aspx)

**Activity 2: Got Immunity?** for Grades 3-6  
From Cornell Cooperative Extension, 4-H Science Toolkit- Animal Science, 2011  
[http://nys4h.cce.cornell.edu/about%20us/Pages/SETToolkit.aspx](http://nys4h.cce.cornell.edu/about%20us/Pages/SETToolkit.aspx)

**Activity 3: Basic Behavior Instinct**  
From Cornell Cooperative Extension, 4-H Science Toolkit- Animal Science, 2011

**Activity 4: Pasture Game** for Grades 3-5  
Kansas Ag in the Classroom, 2004  

**Activity 5: What Genes Do** for Grades 1-7  
From Michigan State University Extension, 4-H Science Blast! In The Class, 2011  
[http://4h.msue.msu.edu/4h/science_blast](http://4h.msue.msu.edu/4h/science_blast)
ENTOMOLOGY

Activity 1: FACEnating for Grades 3-5
From Level 1: Teaming With Insects, Activity 5, CCS 2010

Activity 2: Big Mouth Bugs for Grades 3-5
From Level 1: Teaming With Insects, Activity 4, CCS 2010

Activity 3: Write, Right for Grades 6-8
From Level 2: Teaming With Insects, Activity 15, CCS 2010

Activity 4: What’s that doing in my Food? for Grades 9-12
From Level 3: Teaming With Insects, Activity 15, CCS 2010

FOOD SCIENCE

Activity 1: Drink it Up for Grades 4-6
From Unit 5: Greece and Milk, 4-H Afterschool Food, Culture, & Reading, 2010
   http://www.4-h.org/resource-library/curriculum/4-h-food-culture-and-reading/

Activity 2: What Makes NesQuik quick? for Grades 6-8
Food Science & Technology: http://www.4-h.org/agriscience/, 2012

Activity 3: Mystery Mush for Grades 3-5
From Unit 3: Mystery Agriculture, 4-H Afterschool Acres of Adventures, 2006
   http://www.4-h.org/resource-library/curriculum/4-h-afterschool-agriculture/

Activity 4: Ice Cream in a Bag
From Unit 1: All About Agriculture, 4-H Afterschool Acres of Adventures, 2006

Activity 5: Shaking up the Suspects for Grades 3-5
Lesson 3, Science Fun with Dairy Foods: The Case of the Missing Milk, The Ohio State University, 2012
   http://estore.osu-extension.org/productdetails.cfm?PC=2740

ROBOTICS

Activity 1: Chopsticks for Grades 5-8
From Level 1: Junk Drawer Robotics, Give Robots a Hand, CCS, 2011

Activity 2: Pennies in a Boat for Grades 5-8
From Level 2: Junk Drawer Robotics, Robots on the Move, CCS, 2011

Activity 3: EcoBot Challenge for Grades 5-8
From 2012 National Youth Science Day Experiment, The Ohio State University

For more information on the contents of these kits, visit the www.kansas4-H.org website under the “Resources” tab, 4-H Science (STEM).

To reserve a kit for your local use, contact the NE Area Extension office: 785-532-5833.

We’re counting on you to put these kits to good use in your programs and to replenish the consumable supplies before returning the kits to the area 4-H office. Thanks! 2/15