1. Full name of your Program Work Team (PWT):
   4-H Science, Technology, Engineering and Math Program Work Team

2. Please identify your PWT’s greatest accomplishments over the past year.

2016 4-H National Youth Science Day

In 2016, the 4-H National Youth Science Day (NYSD) Challenge “Drone Discovery” was written by a team of New York 4-H educators – including members of the 4-H STEM PWT. The PWT was therefore uniquely positioned to support CCE educators in local implementation to bring new audiences to 4-H and to expand content for 4-H members in the emerging science, technology and application of unmanned aerial vehicles.

The PWT purchased NYSD 45 kits and distributed them to Association staff and key collaborators. The PWT co-sponsored with the 4-H Geospatial Science and Technology Program, two Sneak Peek training workshops for 4-H educators and youth leaders, one on campus as part of the 4-H Geospatial In-service, and one at CCE Broome.

4-H STEM/Library Partnership Summer Reading Program

The PWT supports the 4-H STEM/Library Partnership. Collaborating with the Healthy Eating and Active Living PWT, and focused on the theme “On Your Mark, Get Set, Read!,” the children’s fitness book The Busy Body Book – A Kid’s Guide to Fitness, a 4-H activity guide and pedometers were distributed to 60 participating libraries and 4-H educators.

Technology capacity-building

The PWT helped purchase laptops for the traveling laptop lab. A total of 6 new laptops are now available for loan to 4-H educators across the state for use with Drone Discovery curriculum units of remote sensing and Scratch coding.
Meetings

2016_01_19  Winter WebEx Meeting

In the meeting we explained 2016 Special Need Fund Request to Group. State Office told us there is no longer a robotics specialist, SWAG group is doing a survey so keep your eyes out, NYSD Proposal is being worked on – topic is drones, Cornell Day at the Capitol is happening. Team member updates around the state. NSTA Webinar Report was given. Sub-committee sign ups.


2016_04_06  Spring WebEx Meeting

At the spring meeting the PWT discussed how they could be involved with helping support Cornell with finding out they received the National Youth Science Day grant for Drone Discovery. PWT will help with professional development pieces- “Ground School” on campus to help educators, teens and volunteer interested in teaching Drone Discovery this fall. 60 books and 300 pedometers were distributed to libraries through the Summer Reading Program. Discussed upcoming events such as STARR, April 29 – May 1, Career Explorations, June 28 –June 30, Fibonacci Event, July 31 – August 6 and plan to have a face to face meeting at the NYSACCE4-HE Conference, October 26.

2016_06_15 4-H NYSD Sneak Peek Training at Cornell and

2016_08_12 4-H NYSD Sneak Peek Training at CCE Broome.

Full day training and workshop using pre-publication version of Drone Discovery Facilitator Guide. All activities were introduced and experienced by participants. Activities were evaluated and suggestions shared on best practices for introducing curriculum to educator and youth audiences.