



Civil Air Patrol STEM Kit Program *funded by*

National Defense Education Program Air Force STEM Coordination Office

Civil Air Patrol became a recipient of National Defense Education Program funds in late 2012 to begin a nationwide science, technology, engineering, and math (STEM) kit distribution program beginning January 2013. Managed by the U.S. Air Force STEM Outreach Coordination Office in Washington, D.C., the funds are distributed on a yearly basis to organizations that utilize the funds to build interest in STEM education and careers. Civil Air Patrol is working diligently to provide as many products, programs, and resources to members that directly impact the youth involved with CAP both in units and in schools and youth organizations across the country.

Eligible for the STEM Kit program are:

- 1- CAP Unit Aerospace Education Officers, and;
- 2- CAP educator members, whether Aerospace Education Members or Senior Members who are teachers or youth organization or museum leaders.

Applicants can select from five STEM Kits for 2013 (as funds permit, kits will be expanded):

- 1- Astronomy (telescope, planetarium CD, and instructional video)
- 2- Flight Simulator (Microsoft X-Gold program, yoke, rudder pedals, and instructional material)
- 3- Robotics (Robot kit, USB program software, and instructional video)
- 4- Rocketry (Alpha III rockets, A8-3 motors, launch pad, controller, and instructional video)
- 5- Remote-Controlled Aircraft (Sky Streaks, Stinson & Cubs aircraft, Real Flight Simulator, Wings Aircraft DVD, AeroLab DVD)

STEM Kit Program Process:

- 1- Application for a STEM Kit can be submitted to stem@capnhq.gov beginning January 1, 2013. Applications with thorough and quality narrative responses will have first priority. Extra attention will be given when units or classrooms are partnering with other units or classrooms OR with other organizations to bring maximum exposure of the STEM Kit educational value.
- 2- Quality applications will be approved and filled until funds are depleted each year.
- 3- Approved applicants (recipients) will be notified of estimated shipping date from vendor(s).
- 4- CAP STEM Education office will send recipients associated instructional materials and STEM kit after-action assessment report which should be submitted to stem@capnhq.gov upon completion of STEM kit implementation, but not later than August 1st of each year.
- 5- Upon completion of one STEM kit and submission of assessment report, a second STEM kit can be requested via the application process. Second kits will be filled on a "funds available" basis.

For more information, contact stem@capnhq.gov.