



Educator Resources

Traveling Science and Mathematics Demonstrations Program

FREE Teacher Resources and Visiting Scientists Available

The Traveling Science and Mathematics Demonstrations Program has over 300 science and math kits available for use in the classroom. Supplement your curriculum with nationally recognized and state adopted exemplary materials. Kits have been correlated to SC state standards. Many kits contain children's literature so that you can integrate your science and language arts lessons.

In addition to these resources, you can request a visiting Scientist with a Traveling Resources and Neat Demonstrations (STRAND) volunteer for classroom presentations.

For more information please visit <http://rpsec.usca.edu/travelingscience/> or call us at 803-641-3683.

SC Regional Future City Competition

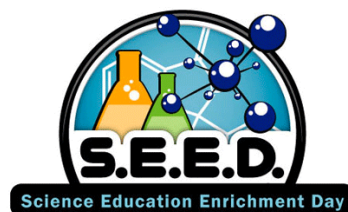
Future City is a cross-curricular program that lets students in the 6th, 7th, and 8th grades do the things engineers do: identify problems, brainstorm ideas, design solutions, test and retest, build and then share the results. Future City is a program of DiscoverE.

Visit <http://futurecity.org> for more information.

33rd Annual Science Education Enrichment Day (SEED)

Mark your calendars for the CSRA's premier STEM festival. Join us on October 6th from 10am-3pm and celebrate innovations in science, technology, engineering, and mathematics (STEM). Visit the Ruth Patrick Science Center and other sites on the USC Aiken campus as student groups, regional corporations, museums, educators, and national labs join forces to present hundreds of activities for people of all ages.

Organizers hope to increase awareness of the critical role science and other STEM fields play in our everyday existence.



Visit <http://rpsec.usca.edu/SEED> for more information.

RPSEC Professional Learning

Providing professional learning activities for teachers is a primary method for reaching our goal of "Infusing a Love for Science, Technology, Engineering and Mathematics." Highly qualified teachers are the primary way to impact our students. Professional Learning at the RPSEC offers a variety of activities during the summer and the academic year.

Professional Learning opportunities focus on a content area but include all STEM areas.

Visit <http://rpsec.usca.edu/professionallearning/> for more information.

Traveling Interdisciplinary Literacy Trunks (TILTS)

Traveling Interdisciplinary Literacy Trunks (TILTs) are teacher-designed, interdisciplinary units of study that are aligned with academic standards from multiple content areas with an emphasis on writing across the curriculum.

TILT unit plans are now available, FREE of charge, to ALL teachers.

Each completed TILT includes the following: a unit plan, children's literature, class sets of novels, science equipment, math manipulatives and a teacher resource list. Reserve yours today by e-mailing the RPSEC at travelingscience@usca.edu or calling 803-641-3638.

Visit http://rpsec.usca.edu/CE-MIST/Trunks/CE-MIST_TILT.html for more information.

Funding for our TILTs has been provided by the Center of Excellence in Middle-level, Interdisciplinary Strategies for Teaching (CE-MIST), the Aiken Writing Project (AWP) and the Sunrise Rotary Club of Aiken.



**Ruth Patrick Science
Education Center**
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