



DASEF: An Established Force for STEM Education

Serving ALL Schools, Teachers and the Public

2014: THE DASEF JOURNEY AT 25



For over 25 years DASEF has enriched the academic and intellectual development of over 523,000 teachers, students and their families. DASEF has addressed the need for STEM education four major points of focus: (1) Developing knowledgeable, motivated and trained educators in the Science, Technology, Engineering and Mathematics (STEM) disciplines through outreach and programs they can take back to the classrooms, (2) Attracting, engaging and educating students in STEM through field trips, workshops and academies to create a lifelong affinity for Science, Technology, Engineering and Mathematics, (3) Helping to fill the recognized national educational gap in developing the engineers and scientists of the future, and (4) Engaging youth organizations, community groups and families in unique activities.

ENVIRONMENTAL OUTPOST PROGRAMS



School programs at DASEF's Phase I Environmental Outpost have been developed to target the Delaware State Science Standards, Common Core Standards and the Next Generation Science Standards. Information and experiences are presented that will give students a better understanding of specific science and engineering topics and an opportunity to expand their work in the classroom to include experimentation and design challenges.

DASEF currently offers STEM programs for grades K through 8. Over the last two school years, we have had an enthusiastic response to these offerings, with many public, charter, home school and private schools scheduled for programs. DASEF has also developed summer academies, outreach programs for public libraries and youth groups in the area and offers weekend science exploration sessions and evening astronomy programs for families. In 2014 we are on track to serve in excess of 22,000 individuals.

We use a variety of tools/venues tailored to the subject matter, learning objectives, and needs of the participants. To schedule, email your name, number of participants, and your phone number to Lynne Bloom: dasef.outpost@verizon.net or call (302) 659-5003 or (302) 834-1978. www.dasef.org

ITEC UPDATE

After 2007, with the opening of its Environmental Outpost, DASEF's educational complex has been located on a 40-acre campus in Kent County, Delaware.

While the Outpost is an excellent first step, DASEF has begun the phased construction of the 40,500 square-foot Innovation Technology Exploration Center (ITEC) building shown below.



The facility when complete includes classrooms, dormitories to provide overnight accommodations for workshops, a professional development and resource center, office space, a food preparation and service area, and interactive exhibition space designed to demonstrate the integration of human ingenuity with the ecosystems of the earth.

Measuring Success

DASEF's managing methodology for achieving desired outcomes encompasses a disciplined process for tracking progress, evaluating success, and ensuring we remain focused on the educational needs of Delaware and the region.

Looking ahead



We all have a stake in preparing the youth of Delaware for a bright, competitive future. Hopefully, our demonstrated record of performance to this point can enable potential new donors to view DASEF as a low risk, high value investment in the State's future. We are currently pursuing capital support to help fund our Stage 1 construction.

Learn more - go to: www.dasef.org