



*“Students complete projects that meet the International Society for Technology Education’s National Educational Technology Standards. When you combine these standards with the one-on-one relationships and dynamic after-school environment available at C4K, the result is an empowering, life changing experience.”*

Dr. Nancy Deutsch  
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C4K Board Member



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## Evaluation and Impact: Implementing a Program Logic Model that Demonstrates Results

Computers4Kids (C4K) uses best practices from the fields of mentoring and technology education to bring an effective after-school program to at-risk youth in our community. Working with national guidelines and local experts, we created a program logic model that has been recognized as exemplary by outside experts. The logic model is regularly updated to reflect best practices and directly aligns with the International Society for Technology Education’s National Educational Technology Standards, which serve as a template for our program practices and outcomes.

Each component of the C4K logic model aligns with the six **International Society for Technology Education’s National Educational Technology Standards (ISTE-NETS)**. These standards act as a guide for ensuring students obtain skills that will make them effective 21st Century Learners. C4K tracks the software students use and the skills students gain through online project planning and evaluation forms, as well as online-daily check in forms, and links these outputs and outcomes to the **ISTE-NETS**:

- **Creativity and Innovation:** Students complete projects demonstrating mastery in at least 3 of 8 media areas (*graphics, audio, web design, video, animation, print, presentation, or 3-D modeling*). In FYE 2010, 67 students completed projects.
- **Communication and Collaboration:** Students collaborate with their mentors to use digital media environments to plan and create their projects. In FYE 2010, students met with mentors for a total of 1,939 hours to collaborate on activities and projects.
- **Research and Information Fluency:** During project planning, students collect and evaluate information and present it in a coherent manner within their completed projects. All 87 of projects completed by students in FYE 2010 met essential skills and design standards.
- **Critical Thinking, Problem Solving, and Decision Making:** In FYE 2010, 77 students planned and 67 students completed projects, including designing websites, creating animated movies, and developing a book.
- **Digital Citizenship:** In FYE 2010, all 87 completed projects were evaluated to have provided appropriate citations for content.
- **Technology Operations and Concepts:** During mentoring sessions, students engage in a variety of technological operations. In FYE 2010, students created documents in 65% of mentoring sessions, imported files in 41% of mentoring sessions, used graphics media in 44% of mentoring sessions, and used web media in 21% of mentoring sessions.

C4Ks’ logic model provides a visual roadmap that outlines program inputs, activities, outputs, and outcomes. All components of the C4K logic model support one long range outcome: (*see next page*)



**Students develop an appreciation for their own skills and abilities in using computers, leading them to use computers more effectively in academic and professional pursuits, resulting in greater lifelong well-being.**

C4K participants demonstrate higher academic achievement than their peers:

97% of mentored students tracked by C4K have graduated from high school. 100% of these students are economically disadvantaged. In contrast, only 70% of economically disadvantaged students living in Charlottesville overall graduate from high school on time. 94% of C4K students who have graduated from high school have attended college.

The C4K Logic Model is maintained by our Curriculum and Development Committee, a team of experts in technology and program development. C4K is especially fortunate to garner the expertise of our Program Director, Dolly Joseph, who has a PhD in Instructional Technology, and Board Member Nancy Deutsch. Dr. Deutsch is an Assistant Professor at the University of Virginia's Curry School of Education with a research focus on evaluating after-school programming for at-risk youth.

### Meeting a Community Need

In a locality where there is a demonstrated lack of after-school programming for older, low-income youth, C4K is meeting a critical need. 54% of youth living in Charlottesville qualify for free or reduced price school lunches, and according to the Charlottesville-Albemarle Commission on Children and Families, this number is growing. Youth who live in homes with fewer resources have less access to technology, are more likely to engage in risky behaviors, and are more likely to drop out of high school. Local and national experts have recognized that access to after school programming is a much needed protective factor. Mentoring in particular, is a powerful tool for helping students meet their potential. C4K recognizes this as well, and has created a winning combination: after-school mentoring that enables students to develop technology skills essential to success in academic and career settings.



### Community Support: Your Impact

You can make a direct impact on the life of a local student by investing in C4K. In addition to a track record of program success, C4K has a history of effectively drawing on community resources to both raise funds and keep costs low through donations of in-kind services. C4K's annual operating budget is below \$500,000. 90 cents out of every dollar donated goes directly to program costs and services to deserving students. The generosity of our supporters is what sustains our efforts to give students a vibrant learning environment and knowledgeable support system so they have every chance of success. We need your help to continue actively breaking the cycle of poverty, not only preventing students from dropping out of high school to face unemployment, low wage jobs, or worse, but also helping students to realize their full potential and make a positive contribution to our local community.

