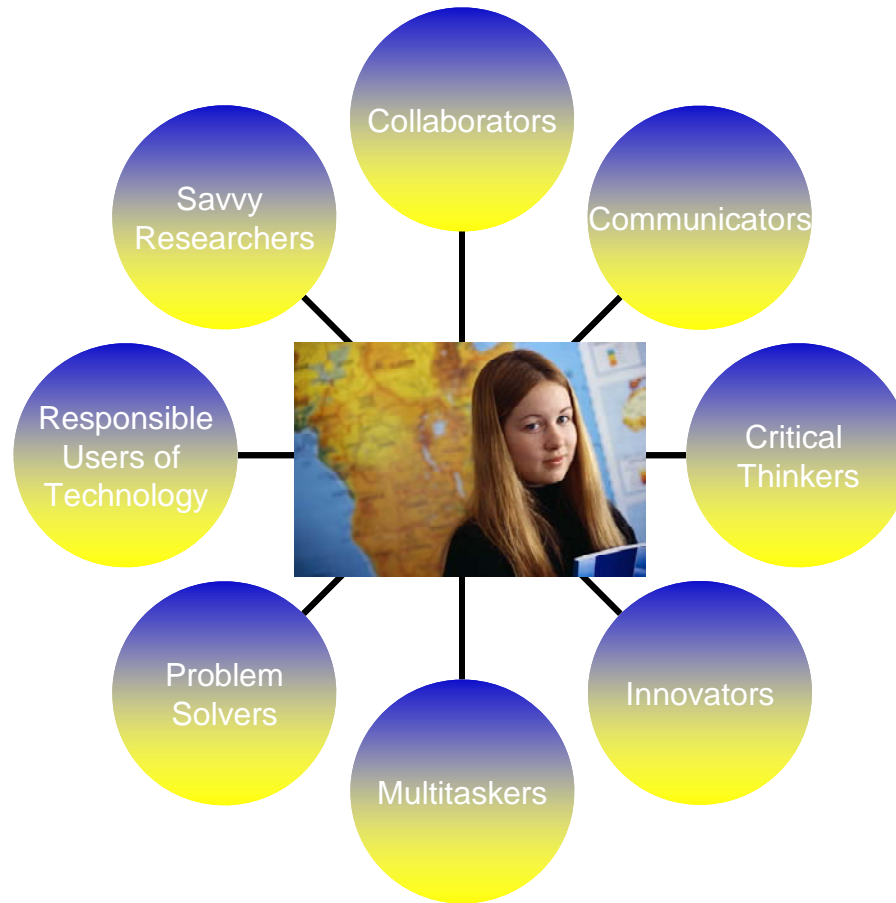




Deep Creek Magnet Middle School

Center for 21st Century Digital-age Learning

The Maryland Educational Technology Plan for the New Millennium (2007-2012) describes students as:



The Deep Creek Magnet program is designed to provide diverse and engaging educational experiences in mastering 21st Century Digital-age Literacy skills.

Our school is committed to The Baltimore County Public Schools' mission to provide a quality education that develops the content knowledge, skills, and attitudes that will enable all students to reach their maximum potential as responsible, life-long learners and productive citizens.

21st Century Skills

Adapted from: engage® A Framework for Effective Technology Use

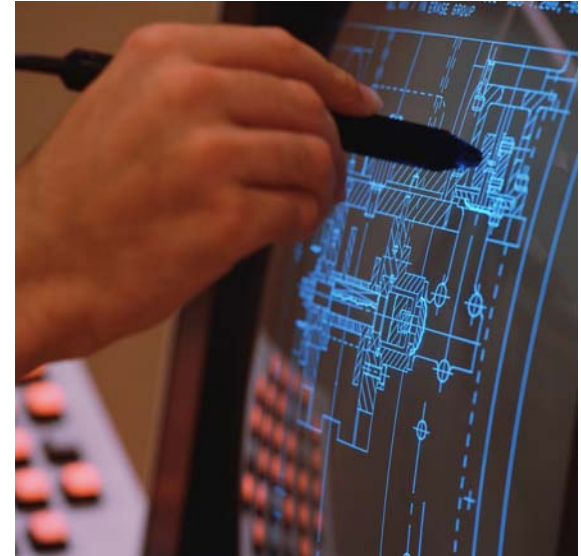
The Deep Creek Magnet Program provides unique opportunities for our students to learn and employ 21st Century skills in:

- .Information Literacy
- .Technology Literacy
- .Visual Literacy
- .Cultural Literacy
- .Media Literacy
- .Economic Literacy
- .Science Literacy



New in 2007 Project Lead the Way Gateway to Technology

In collaboration with UMBC, Deep Creek Middle School joins 2 other Baltimore County Middle schools in the implementation of Gateway To Technology. This cutting-edge program addresses the interest and energy of middle school students, while incorporating national standards in math, science and technology. GTT is "activity oriented" to show students how technology is used in engineering to solve everyday problems. Eighth grade students will benefit from two of the five instructional units designed to excite and motivate students to use their imaginations and teach them to be creative and innovative, while gaining the skills they need to develop, produce and use products and services.



For more information go to <http://www.bcps.org/offices/cte/teched/pltw.html>

6th Grade Cultural Literacy

Students extend their social studies curriculum, using Online Research Models and *Slam Dunk* lessons to investigate how cultural beliefs, values, and sensibilities affect the way that they and others think and behave. Students will evaluate similarities and differences in beliefs, appearances, and lifestyles.

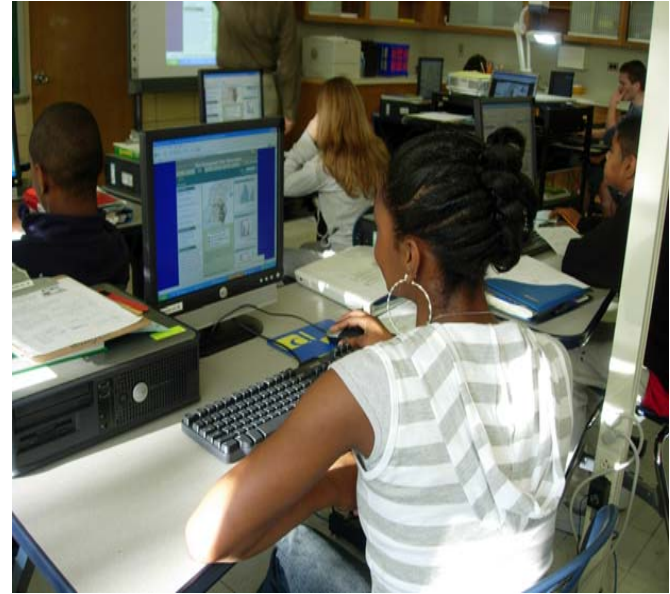
- Introduction to Technology Literacy
- Research skills and Internet safety
- The Impact of Physical Geography on the Ways People Live
- Independent Project:- Multimedia Presentation



7th Grade Economic Literacy

Students use online research modules and *Slam Dunk* lessons to investigate basic economic concepts and the economic factors of country's located in Africa. These studies will allow them to develop a marketing strategy in order to increase business and tourism. Units covered in the 7th Grade Magnet Program include:

- Technology Literacy
- Creating a Business Plan
- Investigating African Quality of Life
- Independent Project– Multimedia Presentation



8th Grade Scientific Literacy

Throughout half of the year, students utilize scientific articles, hand-on investigation, and online, interactive computer models to investigate the interdependency of organisms and their impact on the Chesapeake Bay ecosystem. In addition to learning experiences in the classroom, 8th grade magnet students participate in a field experiences. Students learn about the Chesapeake Bay ecosystem and watershed through programs offered by the Chesapeake Bay Foundation, Baltimore County Outdoor Education, and the Baltimore Port Authority. During these experiences, students learn how they themselves connect to the Chesapeake Bay through canoeing, water quality testing, biotic sampling, and observing the natural environment surrounding the Chesapeake Bay and its tributaries.



General Information

Deep Creek Middle School began developing plans to operate as a Magnet school in 2004. In 2005, our 6th grade students entered as our first Magnet School graduating class. In 2006, all students enrolled at Deep Creek Magnet Middle School participated in the Magnet Program.

- Applicants are selected for admission through an assessment process and computerized random lottery process.
- Students zoned to attend Deep Creek Middle School do not need to apply.
- Applications are accepted from students who are zoned to attend any BCPS Middle School.
- Preferential placement is offered to students zoned to receive BCPS transportation.
- Transportation is provided for applicants zoned to attend Deep Creek, General Stricker, Holabird, and Stemmers Run Middle.

Deep Creek Magnet Middle School
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