

High Tech EXPRESS Academy

Fast track to the future

a CAPER program at
Highland Springs Technical Center

June 22–25, 2009

open to 9th graders (rising sophomores) from
Goochland County, Hanover County, Henrico County,
Louisa County, Powhatan County, and Richmond City Public Schools

One student will represent each high school.

Each school's guidance department — in consultation with mathematics, science, and technology teachers — will select *one candidate and two alternates* to attend the High Tech Express Academy. A selection committee will select additional students at large.

Science . . .

Mathematics . . .

Technology . . .

4 teachers, 40 students . . .

. . . Enhance creativity

. . . Construct complex systems

. . . Build a robot

Hands-on projects

Four teachers will instruct a class of 40 students in a hands-on, high-tech, project-based environment. A leisurely setting offers the opportunity for students to explore their interests and, most importantly, engage in creative and entertaining activities.

Selection criteria

Candidates should be currently enrolled in — or have already completed — *Algebra I* with a B average or better.

. . . should have an *excellent attendance* record. Because the program is limited to four days, attendance is mandatory.

. . . should demonstrate a strong interest in *engineering and robotics*.

Algebra I . . .

Excellent attendance . . .

Engineering, robotics . . .

We provide

. . . *transportation* — Buses will be available to transport students to and from a central location in their area.

. . . *meals* — Continental breakfast and lunch will be served each day.

. . . *challenges* — Students will be presented with problems that call for creative solutions.

. . . Mind bending

. . . Team challenges

. . . Lego robotics

. . . Fun!



CAPER
EXCELLENCE IN EDUCATION

Sponsored by Capital Area Partners for Educational Reform (CAPER) in cooperation with Virginia Commonwealth University and J. Sargeant Reynolds Community College